

Volume - 2

Submitted to

**THE HON'BLE WEST BENGAL
ELECTRICITY REGULATORY COMMISSION**

by



**CESC HOUSE
CHOWRINGHEE SQUARE
KOLKATA 700 001**

APR 2020-21

ANNEX - 1



**COMPANY SECRETARY
CESC LIMITED**

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

<i>Station</i>	2020-2021
Budge Budge	96.0%
Southern	97.5%
Titagarh	97.4%
Overall	96.4%



**COMPANY SECRETARY
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Form 1.1(a) : Availability of Unit (Unit wise Availability Factor) - Annually

in %

<i>Station</i>	2020-2021
Budge Budge	
<i>Unit 1</i>	96.2%
<i>Unit 2</i>	98.2%
<i>Unit 3</i>	93.5%
Plant	96.0%
Southern	
<i>Unit 1</i>	98.2%
<i>Unit 2</i>	96.7%
Plant	97.5%
Titagarh	
<i>Unit 1</i>	95.9%
<i>Unit 2</i>	98.9%
<i>Unit 3</i>	98.9%
<i>Unit 4</i>	95.9%
Plant	97.4%
Overall	96.4%

Inter-Unit variations of availability takes place on account of statutory survey / overhauling of Units


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Form 1.2 : Plant Load Factor - Annually

in %

Station	2020-2021
Budge Budge	82.5%
Southern	7.6%
Titagarh	-
Overall	55.9%

Note:

1. Despatch of stations is planned according to relative economics subject to radial load, network constraints and exigencies. Despatch Schedule is planned following the Hon'ble Commission's Regulations / Directives, considering cost-effectiveness of variable cost of production, with due cognisance of technical constraints of ramping up of stations. Given the high variable cost of Titagarh Generating Station, it is not meriting despatch under the current scenario, in the best interest of the consumers.

2. The period under consideration posed significant challenges and adversities for the Company due to Covid-19 induced pandemic. Consumer demand was significantly suppressed during the major parts of the year. Therefore, considering the best interest of the end consumers, Southern Generating station was operated at a low PLF following appropriate economic dispatch in terms of merit order principle and associated technical issues.



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Form 1.2 (a) : Unitwise Plant Load Factor - annually

in %

<i>STATION / UNIT</i>	2020-2021
Budge Budge	
<i>Unit 1</i>	81.0%
<i>Unit 2</i>	79.0%
<i>Unit 3</i>	87.6%
Plant	82.5%
Southern	
<i>Unit 1</i>	8.0%
<i>Unit 2</i>	7.2%
Plant	7.6%
Titagarh	
<i>Unit 1</i>	-
<i>Unit 2</i>	-
<i>Unit 3</i>	-
<i>Unit 4</i>	-
Plant	-
Overall	55.9%

Note:

Please refer to note under Form 1.2.

Form 1.3

Gross Energy available at Generators Terminal for stabilised commercial operations**BUDGE BUDGE GENERATING STATION**

Capacity: 750 MW

Season/ Time of the day	Gross Generation (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	835
Peak (5 PM to 11 PM)	492
Off-peak (11 PM to 6 AM)	535
Total Summer:	1861
2. Monsoon	
Normal (6 AM to 5 PM)	926
Peak (5 PM to 11 PM)	541
Off-peak (11 PM to 6 AM)	576
Total Monsoon:	2043
3. Winter	
Normal (6 AM to 5 PM)	754
Peak (5 PM to 11 PM)	438
Off-peak (11 PM to 6 AM)	327
Total Winter:	1518
Grand Total:	5423



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Form 1.3

Gross Energy available at Generators Terminal for stabilised commercial operations

SOUTHERN GENERATING STATION

Capacity: 135 MW

Season/ Time of the day	Gross Generation (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	12
Peak (5 PM to 11 PM)	15
Off-peak (11 PM to 6 AM)	4
Total Summer:	31
2. Monsoon	
Normal (6 AM to 5 PM)	10
Peak (5 PM to 11 PM)	6
Off-peak (11 PM to 6 AM)	7
Total Monsoon:	23
3. Winter	
Normal (6 AM to 5 PM)	12
Peak (5 PM to 11 PM)	25
Off-peak (11 PM to 6 AM)	-
Total Winter:	36
Grand Total:	90



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Form 1.4(a)

Auxiliary Consumption for stabilised commercial operations

BUDGE BUDGE GENERATING STATION

Capacity: 750 MW

Season/ Time of the day	Auxiliary Consumption (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	65
Peak (5 PM to 11 PM)	38
Off-peak (11 PM to 6 AM)	42
Total Summer:	144
2. Monsoon	
Normal (6 AM to 5 PM)	70
Peak (5 PM to 11 PM)	41
Off-peak (11 PM to 6 AM)	44
Total Monsoon:	155
3. Winter	
Normal (6 AM to 5 PM)	57
Peak (5 PM to 11 PM)	34
Off-peak (11 PM to 6 AM)	30
Total Winter:	120
Grand Total:	420



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Form 1.4(a)

Auxiliary Consumption for stabilised commercial operations

SOUTHERN GENERATING STATION

Capacity: 135 MW

Season/ Time of the day	Auxiliary Consumption (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	1
Peak (5 PM to 11 PM)	1
Off-peak (11 PM to 6 AM)	0.3
Total Summer:	3
2. Monsoon	
Normal (6 AM to 5 PM)	1
Peak (5 PM to 11 PM)	1
Off-peak (11 PM to 6 AM)	1
Total Monsoon:	2
3. Winter	
Normal (6 AM to 5 PM)	1
Peak (5 PM to 11 PM)	2
Off-peak (11 PM to 6 AM)	-
Total Winter:	3
Grand Total:	8



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Form 1.4(b)

Pumping Energy for Pumped Storage Project

Name of the Station:

Capacity:(MW)

Season/ Time of the day	2020-2021
1. Summer Normal Peak Off-peak Total Summer:	
2. Monsoon Normal Peak Off-peak Total Monsoon:	
3. Winter Normal Peak Off-peak Total Winter:	
Grand Total:	

This Form is presently not applicable to CESC as it has no Pumped Storage Project.



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Form 1.5

Net energy Sent out for stabilised commercial operations

BUDGE BUDGE GENERATING STATION

Capacity: 750 MW

Season/ Time of the day	Net Energy sent out (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	770
Peak (5 PM to 11 PM)	454
Off-peak (11 PM to 6 AM)	493
Total Summer:	1717
2. Monsoon	
Normal (6 AM to 5 PM)	855
Peak (5 PM to 11 PM)	501
Off-peak (11 PM to 6 AM)	532
Total Monsoon:	1888
3. Winter	
Normal (6 AM to 5 PM)	698
Peak (5 PM to 11 PM)	404
Off-peak (11 PM to 6 AM)	297
Total Winter:	1398
Grand Total:	5003



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Form 1.5

Net energy Sent out for stabilised commercial operations

SOUTHERN GENERATING STATION

Capacity: 135 MW

Season/ Time of the day	Net Energy sent out (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	11
Peak (5 PM to 11 PM)	14
Off-peak (11 PM to 6 AM)	4
Total Summer:	28
2. Monsoon	
Normal (6 AM to 5 PM)	9
Peak (5 PM to 11 PM)	5
Off-peak (11 PM to 6 AM)	6
Total Monsoon:	20
3. Winter	
Normal (6 AM to 5 PM)	10
Peak (5 PM to 11 PM)	22
Off-peak (11 PM to 6 AM)	-
Total Winter:	33
Grand Total:	82



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Form1.6(a) : Energy Purchase**Summary**

Sources	Energy Purchase (MU)
	2020-2021
Haldia Energy Limited (HEL)	3854
Renewable and Co-generation (other than Roof top solar)	292
Roof top solar	8
Supplemental	722
Overall	4877



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Form 1.6(a) : Energy Purchase

Name of the Source : Haldia Energy Limited

Season/ Time of the day	Energy Purchase (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	591
Peak (5 PM to 11 PM)	349
Off-peak (11 PM to 6 AM)	372
Total Summer:	1312
2. Monsoon	
Normal (6 AM to 5 PM)	662
Peak (5 PM to 11 PM)	386
Off-peak (11 PM to 6 AM)	407
Total Monsoon:	1456
3. Winter	
Normal (6 AM to 5 PM)	542
Peak (5 PM to 11 PM)	311
Off-peak (11 PM to 6 AM)	233
Total Winter:	1087
Grand Total:	3854
Less Grid Loss, if any	
Net Purchase	3854



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Form 1.6(a) : Energy Purchase

Name of the Source : Renewable and Co-generation (other than Roof top solar)

Season/ Time of the day	Energy Purchase (MU)	
	2020-2021	
1. Summer		
Normal (6 AM to 5 PM)		38
Peak (5 PM to 11 PM)		7
Off-peak (11 PM to 6 AM)		6
Total Summer:		51
2. Monsoon		
Normal (6 AM to 5 PM)		91
Peak (5 PM to 11 PM)		10
Off-peak (11 PM to 6 AM)		15
Total Monsoon:		116
3. Winter		
Normal (6 AM to 5 PM)		104
Peak (5 PM to 11 PM)		10
Off-peak (11 PM to 6 AM)		11
Total Winter:		125
Grand Total:		292
Less Grid Loss, if any		
Net Purchase		292

Note :

Normal, Peak and Off-peak periods have been considered as per REA records. Above purchase includes power purchase from cogeneration sources and renewable power from power exchanges excluding injection from roof-top solar. Kindly refer to Annex A7 of Supplementary petition to FPPCA 2020-21 submitted on 29 September 2022 for details.

Form 1.6(a) : Energy Purchase

Name of the Source : Roof top solar

Season/ Time of the day	Energy Purchase (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	3
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Summer:	3
2. Monsoon	
Normal (6 AM to 5 PM)	2
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Monsoon:	2
3. Winter	
Normal (6 AM to 5 PM)	3
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Winter:	3
Grand Total:	8
Less Grid Loss, if any	
Net Purchase	8

Note :

Figures correspond to injection from rooftop sources through net metering. Generation from roof-top solar installations, considering 16.13% Capacity Utilisation Factor is 53.441 MU.

Form 1.6(a) : Energy Purchase**Name of the Source : Supplemental**

Season/ Time of the day	Energy Purchase (MU)	
	2020-2021	
1. Summer		
Normal (6 AM to 5 PM)		97
Peak (5 PM to 11 PM)		66
Off-peak (11 PM to 6 AM)		42
Total Summer:		205
2. Monsoon		
Normal (6 AM to 5 PM)		167
Peak (5 PM to 11 PM)		155
Off-peak (11 PM to 6 AM)		64
Total Monsoon:		386
3. Winter		
Normal (6 AM to 5 PM)		52
Peak (5 PM to 11 PM)		50
Off-peak (11 PM to 6 AM)		29
Total Winter:		131
Grand Total:		722
Less Grid Loss, if any		
Net Purchase		722

Notes :

1. Apart from procurement of power from long term sources, other sources / agencies were also explored in line with advice of the Hon'ble Commission to meet the demand, keeping in mind consumers' interest and other regulatory requirements. Normal, Peak and Off-peak periods are considered as per REA records.
2. Power was procured from Energy Exchanges, RPGPTCL (other than cogeneration), WBSEDCL and Banking (Swap - in / Swap - out). Kindly refer to Annex A7 of Supplementary petition to FPPCA 2020-21 submitted on 29 September 2022 for details.
3. Details of Quantum of Supplemental import from various sources for 2020-21 are furnished as under:

Name of the Sources	MU
Energy Exchanges	214
RPG Power Trading Company Limited (RPGPTCL) (other than Cogeneration)	295
West Bengal State Electricity Distribution Company Limited (WBSEDCL)	0.1
Banking (Swap-in during FY 21 against Swap-out of FY20)	195
Banking (Swap-in during FY21 against Swap-out during FY 21)	18
Overall	722



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Form 1.6(b): Monthwise Non-drawal of power from different sources of purchase due to low demand inspite of having availabilities at purchaser side

Month							
April							
May							
June							
July							
August							
September							
October							
November							
December							
January							
February							
March							
Total:							

This Form is not applicable for CESC since the Company, after maximising its generation to the extent cost-effective, purchases the balance power.


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Form 1.6(c): Monthwise Generation Loss at different generating station

Budget Budge Generating Station

Month, Year	Non-drawal by concerned distribution licensee due to low demand	Bad Coal	Poor Coal Stock	Forced Outages	Planned Outage	Network Constraints	Generation restriction for partial equipment availability	Non-drawal by other than distribution licensee against scheduled drawal	Low System Demand	Total Loss in generation	MU
Apr-20	NIL	NIL	NIL	1.20	NIL	NIL	NIL	NIL	124.27	125.47	
May-20	NIL	NIL	NIL	1.10	NIL	NIL	NIL	NIL	134.63	135.73	
Jun-20	NIL	NIL	NIL	0.57	NIL	NIL	NIL	NIL	47.29	47.86	
Jul-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	28.82	28.82	
Aug-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	48.58	48.58	
Sep-20	NIL	NIL	NIL	13.45	NIL	NIL	NIL	NIL	29.40	42.85	
Oct-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	50.86	50.86	
Nov-20	NIL	NIL	NIL	NIL	76.25 *	NIL	NIL	NIL	92.90	169.15	
Dec-20	NIL	NIL	NIL	4.44	159.82 *	NIL	NIL	NIL	101.49	265.75	
Jan-21	NIL	NIL	NIL	8.77	NIL	NIL	NIL	NIL	96.22	104.99	
Feb-21	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	101.72	101.72	
Mar-21	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	25.55	25.55	

* Statutory Overhaul of Units



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Form 1.6(c): Monthwise Generation Loss at different generating station

Southern Generating Station

Month, Year	Non-drawal by concerned distribution licensee due to low demand	Bad Coal	Poor Coal Stock	Forced Outages	Planned Outage	Network Constraints	Generation restriction for partial equipment availability	Non-drawal by other than distribution licensee against scheduled drawal	Low System Demand	Total Loss in generation
Apr-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	97.20	97.20
May-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	100.44	100.44
Jun-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	97.20	97.20
Jul-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	100.17	100.17
Aug-20	NIL	NIL	NIL	NIL	6.48 *	NIL	NIL	NIL	93.96	100.44
Sep-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	93.38	93.38
Oct-20	NIL	NIL	NIL	0.36	NIL	NIL	NIL	NIL	81.48	81.85
Nov-20	NIL	NIL	NIL	5.73	15.53 *	NIL	NIL	NIL	68.59	89.84
Dec-20	NIL	NIL	NIL	0.03	NIL	NIL	NIL	NIL	86.83	86.86
Jan-21	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	89.10	89.10
Feb-21	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	86.78	86.78
Mar-21	NIL	NIL	NIL	1.99	NIL	NIL	NIL	NIL	67.46	69.46

* Statutory Overhaul of Unit



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Ref		Unit	Derivation	2020-2021
1.	Generation [Form 1.3]	MU	A	5513
2.	Auxiliary Consumption [Form 1.4(a)]	MU	B ₁	428
3.	Transformation Loss	MU	B ₂	-
4.	Units delivered to system from generation (including infirm power, if any) [Form 1.5]	MU	C=A-B ₁ -B ₂	5085
5.	Quantum of infirm power included in 1	MU		-
6.	Energy Purchased (including Swap-in power) [Form 1.6a]	MU	D	4877
7.	Energy received for wheeling [Form 1.9a]	MU	E	0.47
8.	Overall Gross Energy in system	MU	F=C+D+E	9962
9.	Units sold to persons other than licensees or any consumers (including Swap-out power) [Form 1.9b]	MU	G ₁	181
10.	Additional Units allowed by Commission for Sales to person other than licensees or any consumers	MU	G ₂	4
11.	Units sold/used for pumping energy of Pumped Storage Project at bus bar [Form 1.4 b]	MU	G ₃	-
12.	Additional energy allowed by Commission against Pumping Energy for pumping loss	MU	G ₄	-
13.	Net DSM (Actual)	MU	G ₅	-16
14.	Total energy goes out of system	MU	(G=G ₁ +G ₃ +G ₄ +G ₅)	165
15.	Net Energy in System	MU	H=F-G	9796
16.	Units sold to own consumers	MU	I	8930
	Units sold to WBSEDCL [Form 1.9 c]	MU	I ₁	13
17.	Units wheeled at delivery point [Form 1.9d]	MU	J	0.43
18.	Additional Units allowed for wheeling	MU	K	0.04
19.	Units utilised in own premises including construction power	MU	L	35
20.	Quantum of Construction power included in 19	MU		-
21.	Overall Utilisation	MU	M=sum(I:L)	8978
22.	Unutilised Units	MU	N=H-M	818
23.	System Loss	%	O=N/Hx100	8.4%

Auditors' Certificates are furnished in Annex C3 and Annex C18.


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Form 1.8 : Aggregate Technical & Commercial (AT&C) Loss

	Unit	Derivation	2020-2021
Units supplied to System [item H of Form 1.7]	MU	A	9796
Units utilised [Item M of Form 1.7]	MU	B	8978
Unutilised Units [Item N of Form 1.7]	MU	C=A-B	818
Distribution Loss % [Item O of Form 1.7]	MU	$D=(C \times 100)/A$	8.4%
Realized Units in corresponding periods	MU	E	8924
AT&C Loss in Units	MU	F=A-E	872
AT&C Loss*	%	$G=(F/A) \times 100$	8.9%

* AT&C Loss has been computed on a consistent basis, considering Distribution Loss and Bad Debts written off as per Auditor's Certificate furnished in Annex C5. Dues from Municipal / Government bodies are considered to be fully realizable / adjustable. Underlying figures for Distribution Loss computation in Form 1.7 have been certified by the Auditors (please refer to Note under Form 1.7).


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Form 1.9 : Energy Balance

Ref.	Particulars	Unit	Derivation	2020-2021
A	Energy Input			
1.	Generation [Form 1.3]	MU		5513
2.	Auxiliary Consumption [Form 1.4a]	MU		428
3.	Transformation Loss	MU		-
4.	Units delivered to system from generation (including infirm power, if any) [Form 1.5]	MU	4=1-2-3	5085
5.	Energy Purchased (including Swap-in power) [Form 1.6a]	MU	5	4877
6.	Energy received for wheeling [Form 1.9a]	MU	6	0.47
7.	Gross Energy Input	MU	7=sum(4:6)	9962
8.	Units sold to persons other than licensees or any consumers (including Swap-out power) [Form 1.9b]	MU		181
9.	Additional Units allowed by Commission for Sales to person other than licensees or any consumers	MU		4
10.	Units sold/used for pumping energy for Pumped Storage Project at bus bar [Form 1.4 b]	MU		-
11.	Additional Units allowed by Commission against Pumping Energy for pumping losses	MU		-
12.	Net DSM (Actual)	MU		-16
13.	Total Energy Goes out of System	MU	13=8+10+11+12	165
	Energy Input for own system	MU	7-13	9796
B	Energy Utilisation [Form 1.7]	MU		8978
a.	Units sold to own consumers	MU		8930
	Units sold to WBSEDCL [Form 1.9 c]	MU		13
b.	Units wheeled at delivery point [Form 1.9d]	MU		0.43
c.	Additional Units allowed for wheeling	MU		0.04
d.	Units utilised in own premises including construction power	MU		35
e.	Unutilised Units	MU		818
	Total Energy	MU	sum(a:e)	9796


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Form 1.9 (a) : Energy received for wheeling

Ref.	Particulars	2020-2021
	Energy received for wheeling	0.47

Above energy is inclusive of applicable losses.

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

Ref.	Particulars	2020-2021
1.	Indian Energy Exchange	152
2.	Haldia Energy Limited	0.1
3.	Kreate Energy (I) Private Limited (Formerly known as Mittal Processors Private Limited) (Swap-in/ Swap-out)	7
4.	Arunachal Pradesh Power Corporation Private Limited (Swap-in/ Swap-out)	18
	Total	178
	Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	181

Notes:

- Figure correspond to the energy at CESC system bus-bar.
- As directed by the Hon'ble Commission, CESC explores all possibilities to sell power to persons other than the licensees or the consumers to optimise utilisation.


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Form 1.9 (b) : Energy sold to person other than licensees or any consumers**Name of the Entity : Indian Energy Exchange**

Season/ Time of the day	Energy Export (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	34
Peak (5 PM to 11 PM)	3
Off-peak (11 PM to 6 AM)	25
Total Summer:	61
2. Monsoon	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Monsoon:	-
3. Winter	
Normal (6 AM to 5 PM)	71
Peak (5 PM to 11 PM)	5
Off-peak (11 PM to 6 AM)	14
Total Winter:	90
Grand Total:	152
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	155

Note:

Figure correspond to the energy at CESC system bus-bar.

Form 1.9 (b) : Energy sold to person other than licensees or any consumers**Name of the Entity : Haldia Energy Limited**

Season/ Time of the day	Energy Export (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	0.04
Off-peak (11 PM to 6 AM)	-
Total Summer:	0.04
2. Monsoon	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Monsoon:	-
3. Winter	
Normal (6 AM to 5 PM)	0.03
Peak (5 PM to 11 PM)	0.01
Off-peak (11 PM to 6 AM)	-
Total Winter:	0.04
Grand Total:	0.1
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	0.1

Note:*Figure correspond to the energy at CESC system bus-bar.*


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

Name of the Entity : Kreate Energy (I) Private Limited (Formerly known as Mittal Processors Private Limited) (Swap-in/ Swap-out)

Season/ Time of the day	Energy Export (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	1
Off-peak (11 PM to 6 AM)	7
Total Summer:	7
2. Monsoon	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Monsoon:	-
3. Winter	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Winter:	-
Grand Total:	7
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	8

Note:

Figure correspond to the energy at CESC system bus-bar.


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Form 1.9 (b) : Energy sold to person other than licensees or any consumers**Name of the Entity : Arunachal Pradesh Power Corporation Private Limited (Swap-in/ Swap-out)**

Season/ Time of the day	Energy Export (MU)
	2020-2021
1. Summer	
Normal (6 AM to 5 PM)	7
Peak (5 PM to 11 PM)	3
Off-peak (11 PM to 6 AM)	7
Total Summer:	18
2. Monsoon	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Monsoon:	-
3. Winter	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Winter:	-
Grand Total:	18
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	19

Note:*Figure correspond to the energy at CESC system bus-bar.*


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CESC LIMITED**

Form 1.9 (c) : Energy sold to WBSEDCL

Ref	Season/ Time of the day	2020-2021
1.	Summer	
	Normal (6 AM to 5 PM)	2
	Peak (5 PM to 11 PM)	1
	Off-peak (11 PM to 6 AM)	1
	Total Summer:	4
2.	Monsoon	
	Normal (6 AM to 5 PM)	1
	Peak (5 PM to 11 PM)	1
	Off-peak (11 PM to 6 AM)	1
	Total Monsoon:	3
3.	Winter	
	Normal (6 AM to 5 PM)	3
	Peak (5 PM to 11 PM)	2
	Off-peak (11 PM to 6 AM)	1
	Total Winter:	6
	Grand Total:	13

Form 1.9 (d) : Energy wheeled at delivery point

Ref.	Particulars	2020-2021
	Energy wheeled at delivery point	0.43

Above energy is exclusive of applicable losses.


COMPANY SECRETARY
CESC LIMITED

Form1.10(a) : Quantum of Purchase of Power and Rate thereof

Haldia Energy Limited

Particulars	Unit	Derivation	2020-2021
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	591
Peak	MU	B1P	349
Off-peak	MU	B1OP	372
Total Firm in Summer: (B1)			1312
B2: Monsoon:			
Normal	MU	B2N	662
Peak	MU	B2P	386
Off-peak	MU	B2OP	407
Total Firm in Monsoon: (B2)			1456
B3: Winter:			
Normal	MU	B3N	542
Peak	MU	B3P	311
Off-peak	MU	B3OP	233
Total Firm in Winter: (B3)			1087
Total Firm: (B)	MU	B=B1+B2+B3	3854
Chargeable Units	MU	A+B	3854
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges	Paise/Unit	D	241
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	280
Peak	Paise/Unit	F	280
Off-peak	Paise/Unit	G	280
B2: Monsoon:			
Normal	Paise/Unit	H	280
Peak	Paise/Unit	I	280
Off-peak	Paise/Unit	J	280
B3: Winter:			
Normal	Paise/Unit	K	281
Peak	Paise/Unit	L	281
Off-peak	Paise/Unit	M	281
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-



COMPANY SECRETARY
CESC LIMITED

Form1.10(b) : Power Purchase Cost Analysis (Sourcewise vis-à-vis Stationwise)**Haldia Energy Limited**

Particulars	Unit	Derivation from form 1.10(a)	2020-2021
Details of Power Purchase Cost			
A. Infirm	Rs. Lakhs	O=A*C	
B. Firm			
Fixed Charges	Rs. Lakhs	P = D*B	93034
Energy Charges:			
B1: Summer:			
Normal	Rs. Lakhs	Q=B1N*E	16553
Peak	Rs. Lakhs	R=B1P*F	9792
Off-peak	Rs. Lakhs	S=B1OP*G	10414
Total Firm in Summer: (B1)	Rs. Lakhs	T=Q+R+S	36759
B2: Monsoon:			
Normal	Rs. Lakhs	U=B2N*H	18548
Peak	Rs. Lakhs	V=B2P*I	10818
Off-peak	Rs. Lakhs	W=B2OP*J	11402
Total Firm in Monsoon: (B2)	Rs. Lakhs	X=U+V+W	40768
B3: Winter:			
Normal	Rs. Lakhs	Y=B3N*K	15229
Peak	Rs. Lakhs	Z=B3P*L	8743
Off-peak	Rs. Lakhs	AA=B3OP*M	6556
Total Firm in Winter: (B3)	Rs. Lakhs	AB=Y+Z+AA	30529
Total Firm : Energy Charges	Rs. Lakhs	AC=T+X+AB	108056
Total Firm : Fixed+Energy Charges	Rs. Lakhs	AD=AC+P	201090
Total Charges : Firm + Infirm	Rs. Lakhs	AE=O+AD	201090
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	AF=B*N	-
Transmission charge for HEL dedicated line	Rs. Lakhs	AG	11401
Transmission charge (STU)	Rs. Lakhs	AH	3047
SLDC Charges	Rs. Lakhs	AI	193
Other Charges - (refer note 3)	Rs. Lakhs	AJ	114
Monthly Fuel Cost Adjustment (MFCA)	Rs. Lakhs	AK	5842
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AL	
Overall cost	Rs. Lakhs	AM =sum(AE:AK)-AL	221688

Notes:

1. The Company considered the cost based on the rates charged by HEL in terms of Order dated 27 November 2017 in Case No TP - 68 / 16-17 and 29 January 2016 in Case No TP - 63 / 14 - 15 as Orders dated 8 September 2021 in Case No TP - 75 / 18 - 19 and the Order dated 20 April 2022 in Case No TP - 67 / 16 - 17 are under Appeal etc., as appropriate, adjusted for units received at CESC bus.

2. The power purchase cost has been furnished in accordance with rates charged by HEL. MFCA considered at 15 Paise / Unit as was charged by the Company during the period. Effect of any additional amount charged by HEL in accordance with the applicable Regulations and / orders or any other payable amount as and when determined by the Hon'ble Commission will be additional to above.

3. Includes past period transmission charge (STU) for the period April 2018 to March 2020 in terms of order dated 16.12.2020 of Hon'ble Commission.


COMPANY SECRETARY
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Form1.10(a) : Quantum of Purchase of Power and Rate thereof

Renewable and Co-generation (other than Roof-top solar)

Particulars	Unit	Derivation	2020-2021
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	38
Peak	MU	B1P	7
Off-peak	MU	B1OP	6
Total Firm in Summer: (B1)			51
B2: Monsoon:			
Normal	MU	B2N	91
Peak	MU	B2P	10
Off-peak	MU	B2OP	15
Total Firm in Monsoon: (B2)			116
B3: Winter:			
Normal	MU	B3N	104
Peak	MU	B3P	10
Off-peak	MU	B3OP	11
Total Firm in Winter: (B3)			125
Total Firm: (B)	MU	B=B1+B2+B3	292
Chargeable Units	MU	A+B	292
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges		D	
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	446
Peak	Paise/Unit	F	342
Off-peak	Paise/Unit	G	333
B2: Monsoon:			
Normal	Paise/Unit	H	364
Peak	Paise/Unit	I	359
Off-peak	Paise/Unit	J	365
B3: Winter:			
Normal	Paise/Unit	K	440
Peak	Paise/Unit	L	272
Off-peak	Paise/Unit	M	265
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-

Form1.10(b) : Power Purchase Cost Analysis**Renewable and Co-generation (other than Roof-top solar)**

Particulars	Unit	Derivation	2020-2021
Details of Power Purchase Cost			
A. Infirm	Rs. Lakhs	O=A*C	
B. Firm			
Fixed Charges	Rs. Lakhs	P = D*12	
Energy Charges:			
B1: Summer:			
Normal	Rs. Lakhs	Q=B1N*E	1689
Peak	Rs. Lakhs	R=B1P*F	255
Off-peak	Rs. Lakhs	S=B1OP*G	199
Total Firm in Summer: (B1)	Rs. Lakhs	T=Q+R+S	2142
B2: Monsoon:			
Normal	Rs. Lakhs	U=B2N*H	3321
Peak	Rs. Lakhs	V=B2P*I	373
Off-peak	Rs. Lakhs	W=B2OP*J	531
Total Firm in Monsoon: (B2)	Rs. Lakhs	X=U+V+W	4224
B3: Winter:			
Normal	Rs. Lakhs	Y=B3N*K	4555
Peak	Rs. Lakhs	Z=B3P*L	271
Off-peak	Rs. Lakhs	AA=B3OP*M	299
Total Firm in Winter: (B3)	Rs. Lakhs	AB=Y+Z+AA	5125
Total Firm : Energy Charges	Rs. Lakhs	AC=T+X+AB	11492
Total Firm : Fixed+Energy Charges	Rs. Lakhs	AD=AC+P	11492
Total Charges : Firm + Infirm	Rs. Lakhs	AE=O+AD	11492
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	AF=B*N	-
Transmission Charge (STU)	Rs. Lakhs	AG	825
Transmission Charge (CTU)	Rs. Lakhs	AH	217
Other Charges (SDLC Charges, Meter reading charges, Wheeling Charges, PX Fees.)	Rs. Lakhs	AI	266
Other Charges - (refer note 2)	Rs. Lakhs	AJ	37
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AK	59
Overall cost	Rs. Lakhs	AL =sum(AE:AJ)-AK	12779

Notes :

1. Power Purchase costs have been furnished on the basis of certified quantum of energy and cost thereof on this account. Power Purchase Agreements have already been furnished in Volume 5 of FPPCA 2020-21 petition submitted on 01.04.2022, which may be kindly considered as part of this petition.

2. Includes past period transmission and SLDC handling charge for the period April 2018 to March 2020 in terms of order dated 16.12.2020 of Hon'ble Commission.

3. Includes power purchase from cogeneration sources and renewable sources from power exchange excluding roof-top solar injection. Kindly refer to Annex A6 of Supplementary petition to FPPCA 2020-21 submitted on 29 September 2022 for details.

Form1.10(a) : Quantum of Purchase of Power and Rate thereof

Roof-top solar

Particulars	Unit	Derivation	2020-2021
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	3
Peak	MU	B1P	-
Off-peak	MU	B1OP	-
Total Firm in Summer: (B1)			3
B2: Monsoon:			
Normal	MU	B2N	2
Peak	MU	B2P	-
Off-peak	MU	B2OP	-
Total Firm in Monsoon: (B2)			2
B3: Winter:			
Normal	MU	B3N	3
Peak	MU	B3P	-
Off-peak	MU	B3OP	-
Total Firm in Winter: (B3)			3
Total Firm: (B)	MU	B=B1+B2+B3	8
Chargeable Units	MU	A+B	8
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges		D	
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	584
Peak	Paise/Unit	F	584
Off-peak	Paise/Unit	G	584
B2: Monsoon:			
Normal	Paise/Unit	H	617
Peak	Paise/Unit	I	617
Off-peak	Paise/Unit	J	617
B3: Winter:			
Normal	Paise/Unit	K	610
Peak	Paise/Unit	L	610
Off-peak	Paise/Unit	M	610
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-


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Form1.10(b) : Power Purchase Cost Analysis

Roof-top solar

Particulars	Unit	Derivation	2020-2021
Details of Power Purchase Cost			
A. Infirm	Rs. Lakhs	$O=A*C$	
B. Firm			
Fixed Charges	Rs. Lakhs	$P = D*12$	
Energy Charges:			
B1: Summer:			
Normal	Rs. Lakhs	$Q=B1N*E$	194
Peak	Rs. Lakhs	$R=B1P*F$	-
Off-peak	Rs. Lakhs	$S=B1OP*G$	-
Total Firm in Summer: (B1)	Rs. Lakhs	$T=Q+R+S$	194
B2: Monsoon:			
Normal	Rs. Lakhs	$U=B2N*H$	96
Peak	Rs. Lakhs	$V=B2P*I$	-
Off-peak	Rs. Lakhs	$W=B2OP*J$	-
Total Firm in Monsoon: (B2)	Rs. Lakhs	$X=U+V+W$	96
B3: Winter:			
Normal	Rs. Lakhs	$Y=B3N*K$	189
Peak	Rs. Lakhs	$Z=B3P*L$	-
Off-peak	Rs. Lakhs	$AA=B3OP*M$	-
Total Firm in Winter: (B3)	Rs. Lakhs	$AB=Y+Z+AA$	189
Total Firm : Energy Charges	Rs. Lakhs	$AC=T+X+AB$	479
Total Firm : Fixed+Energy Charges	Rs. Lakhs	$AD=AC+P$	479
Total Charges : Firm + Infirm	Rs. Lakhs	$AE=O+AD$	479
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	$AF=B*N$	-
Transmission charges	Rs. Lakhs	AG	-
SLDC Charges	Rs. Lakhs	AH	-
Monthly Variable Cost Adjustment	Rs. Lakhs	AI	-
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AJ	-
Overall cost	Rs. Lakhs	$AK = \text{sum}(AE:AI)-AJ$	479


Note :

Rate for solar (net metering) has been arrived at on the basis of applicable consumer tariff.


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Supplemental

Particulars	Unit	Derivation	2020-2021
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	97
Peak	MU	B1P	66
Off-peak	MU	B1OP	42
Total Firm in Summer: (B1)			205
B2: Monsoon:			
Normal	MU	B2N	167
Peak	MU	B2P	155
Off-peak	MU	B2OP	64
Total Firm in Monsoon: (B2)			386
B3: Winter:			
Normal	MU	B3N	52
Peak	MU	B3P	50
Off-peak	MU	B3OP	29
Total Firm in Winter: (B3)			131
Total Firm: (B)	MU	B=B1+B2+B3	722
Chargeable Units	MU	A+B	722
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges		D	
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	456
Peak	Paise/Unit	F	471
Off-peak	Paise/Unit	G	418
B2: Monsoon:			
Normal	Paise/Unit	H	429
Peak	Paise/Unit	I	417
Off-peak	Paise/Unit	J	362
B3: Winter:			
Normal	Paise/Unit	K	301
Peak	Paise/Unit	L	350
Off-peak	Paise/Unit	M	284
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-


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Supplemental

Particulars	Unit	Derivation	2020-2021
Details of Power Purchase Cost			
A. Infirm	Rs. Lakhs	$O=A*C$	
B. Firm			
Fixed Charges	Rs. Lakhs	$P = D*12$	
Energy Charges:			
B1: Summer:			
Normal	Rs. Lakhs	$Q=B1N*E$	4417
Peak	Rs. Lakhs	$R=B1P*F$	3097
Off-peak	Rs. Lakhs	$S=B1OP*G$	1762
Total Firm in Summer: (B1)	Rs. Lakhs	$T=Q+R+S$	9276
B2: Monsoon:			
Normal	Rs. Lakhs	$U=B2N*H$	7150
Peak	Rs. Lakhs	$V=B2P*I$	6467
Off-peak	Rs. Lakhs	$W=B2OP*J$	2333
Total Firm in Monsoon: (B2)	Rs. Lakhs	$X=U+V+W$	15950
B3: Winter:			
Normal	Rs. Lakhs	$Y=B3N*K$	1557
Peak	Rs. Lakhs	$Z=B3P*L$	1737
Off-peak	Rs. Lakhs	$AA=B3OP*M$	832
Total Firm in Winter: (B3)	Rs. Lakhs	$AB=Y+Z+AA$	4126
Total Firm : Energy Charges	Rs. Lakhs	$AC=T+X+AB$	29352
Total Firm : Fixed+Energy Charges	Rs. Lakhs	$AD=AC+P$	29352
Total Charges : Firm + Infirm	Rs. Lakhs	$AE=O+AD$	29352
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	$AF=B*N$	-
Transmission charge (STU)	Rs. Lakhs	AG	1279
Transmission charge (CTU)	Rs. Lakhs	AH	631
Other Charges (SDLC Charges, Meter reading charges, Wheeling Charges and PX Fees)	Rs. Lakhs	AI	86
Other Charges - (refer note 4)	Rs. Lakhs	AJ	18
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AK	144
Overall cost	Rs. Lakhs	$AL = \text{sum}(AE:AJ) - AK$	31223

Notes :

1. Valuation of swap-in settled during the year and swap-in corresponding to swap-out in 2019-20 have been done in terms of Regulation 5.15.2.(iv) of Tariff Regulations of the Hon'ble Commission and APR-FPPCA Orders dated 01.08.2022 of the Hon'ble Commission.

Accordingly, energy swapped in against swapped out energy of earlier year i.e.2019-20 and during the year under consideration, i.e. 2020-21 has been valued at the pooled power purchase cost of the respective years as per the principle adopted by the Hon'ble Commission in the APR-FPPCA Orders dated 01.08.2022. Accordingly, cost of swap-in energy, against energy swapped-out in 2019-20 and 2020-21 have been considered as part of the power purchase cost in terms of the APR-FPPCA Orders dated 01.08.2022.


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2. Total power purchase cost claimed after netting off export of power including swap-out energy valued in the terms of the principles adopted in the APR-FPPCA Orders dated 01.08.2022 of the Hon'ble Commission for the year under consideration. Kindly refer to Annex A7 and Annex A8 of Supplementary petition to FPPCA 2020-21 submitted on 29 September 2022 for details.

3. Power Purchase costs from various agencies have been furnished on the basis of certified quantum of energy and cost thereof on this account. Power Purchase Agreements have been furnished in FPPCA 2020-21 petition in Volumes 5-7 submitted on 01.04.2022, which may be kindly considered as part of this petition.

4. Above cost includes past period transmission and SLDC handling charge for the period April 2018 to March 2020 in terms of order dated 16.12.2020 of Hon'ble Commission.

5. Supplemental Power Procurement includes power purchase from Energy Exchanges, RPGPTCL (other than cogeneration), WBSEDCL, other short term sources and Banking. Power procurement from supplemental sources made in terms of the extant Regulations to meet the requirement of power in the licensed area. Kindly refer to the Annexure attached with this Petition.

6. As per Hon'ble Commission's directive, arrangement has been made by the Company to procure power from DEEP portal following competitive bidding.



**COMPANY SECRETARY
CESC LIMITED**

Short-term Power purchase details
(Except Exchange)

Sl No	Name of the Seller	Name & type of source	Name of the Trader, if any	Tenure of Contract	Whether Post Facto approval under Regulation 7.5.4, with reference	Whether price is discovered through bidding under Regulation 7.5.1	Whether purchased without bidding under Regulation 7.5.3	Purchased under Regulation 7.5.6 & 7.5.7 (specify purpose)	Whether exempted under Regulation 7.5.8	MW contract
1	WBSEDCL (Emergency Power) ¹				N/A	N/A	N/A	N/A	N/A	
2	RPGPTCL (Other than Cogeneration) ²		RPGPTCL	364 days	N/A	Kindly refer to note 2 below	N/A	N/A	N/A	Upto 36 MW
3	RPGPTCL and Bilateral (Cogeneration) ³		RPGPTCL & TPTCL	1 to 14 days	N/A	N/A	N/A	N/A	N/A	Upto 93 MW
4	Rooftop Solar PV ⁴	solar			N/A	N/A	N/A	N/A	N/A	

Notes :

1. Emergency power was procured from WBSEDCL in terms of the Order of the Hon'ble Commission dated 4 July 2018.
2. Power had been procured in terms of the Order dated 02.03.2020 read with the Order dated 15.06.2020 of the Hon'ble Commission, following transparent competitive bidding process under section 63 of the Electricity Act, 2003 through DEEP Portal. Status reports dated 23.05.2020 and 18.08.2020 have also been submitted to the Hon'ble Commission. Power procurement also had been done in terms of the Regulation 7.5.2, 7.5.6.
3. Cogeneration power had been procured by the Company to the extent available.
4. Connectivity arrangements were facilitated by a dedicated team resulting in solar capacity of 38.283 MWp at year-end. Estimated generation from solar rooftop installations at 16.13% Capacity Utilisation Factor was 53.441 MU.
5. Includes past period transmission and SLDC handling charge for the period April 2018 to March 2020 in terms of order dated 16.12.2020 of Hon'ble Commission.



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CESC LIMITED**

Short-term Power purchase details
(Except Exchange)

Sl No	Name of the Seller	Schedule Units purchased *	Energy charge rate		Transmission charge (STU)	Transmission charge (CTU)	SLDC Charge	Meter Reading Charges	Wheeling Charge	Other Charges - (refer note 5)	Total charges	Average Rate		PPA or LOA submitted (if yes, reference in the Petition)
			A	B								C = A*B/10	D	
		MU	Rs. Lakh										Paise / Unit	
1	WBSEDCL (Emergency Power) ¹	0.11		780	8							8	780	As per Order dated 26 April 2016 read with Order dated 4 July 2018
2	RPGPTCL (Other than Cogeneration) ²	295		317	9356	764	27	1	-	18	10166	345	Pg 130 - 267, Volume -5, Pg 2 - 253, Volume - 6 and Pg 2 - 79, Volume - 7 of FPPCA 2020-21 petition submitted on 01.04.2022	
3	RPGPTCL and Bilateral (Cogeneration) ³	100		310	3086	347	3	1	186	37	3661	368	Pg 20 - 129, Volume -5 of FPPCA 2020-21 petition submitted on 01.04.2022 Connectivity agreements Sample placed in Pg 195 - 207, Volume -7 of FPPCA 2020-21 petition submitted on 01.04.2022	
4	Rooftop Solar PV ⁴	8		601	479	-	-	-	-	-	479	601		
		402			12929		30	2	186	56	14314	356		

* Units received at CESC bus after adjustment of losses as considered by SLDC.

Short-term Power purchase through Power Exchanges

Sl No	Name of the Exchange	Time of purchase	Schedule MU purchased	Energy charge rate (paisa/unit)	Energy charge (C=A*B)	Rs Lakhs					Total charges (in Rs lakh)	I=C+H	J=I/A	
						Transmission charge (STU)	Transmission charge (CTU)	LDC Charge	IEX Fees & Taxes	Other charges				
				B	D	E	F	G	H					
1	IEX-DAM	Normal period	43											
		Peak Period	70											
		Off peak	14											
		Overall	127	353	4495	307	379	3	32	721	5217	409		
2	IEX-RTM	Normal period	32											
		Peak Period	39											
		Off peak	16											
		Overall	87	327	2846	208	251	2	21	483	3329	383		
3	IEX-GTAM (Solar)	Normal period	123											
		Peak Period	1											
		Off peak	0											
		Overall	124	425	5274	307	148	15	31	501	5774	465		
4	IEX-GTAM (Non-Solar)	Normal period	63											
		Peak Period	1											
		Off peak	4											
		Overall	68	448	3069	171	69	12	17	270	3339	488		
5	PXIL-GTAM (Non-Solar)	Normal period	-											
		Peak Period	0.1											
		Off peak	-											
		Overall	0.1	480	5	0.2	0.0	0.1	0.0	0.3	5	516		

**COMPANY SECRETARY
CESC LIMITED**

Form 1.11 : COST OF FUEL

Budge Budge Generating Station

	STATION	DERIVATION	UNIT	2020-2021
1.	Sent-out Energy	a	MU	5003
2.	Auxiliary consumption	2	MU	495
3.	Gross Generation for own consumers and WBSEDCL	3=1+2	MU	5498
4.	Station Heat Rate	4	kCal/kWh generated	2470
5.	Total Heat Required	5=3x4	GCal	13579514
6.	Specific Oil Consumption	6	ml/kWh	1.30
7.	Oil Consumption	7=6x3	KL	7147
8.	Heat Value of Oil	8	kCal/Litre	9557
9.	Heat from Oil	9=7x8	GCal	68305
10.	Heat from Coal	10=5-9	GCal	13511209
11.	Heat Value of Coal	11	kCal/Kg	3902
12.	Coal Consumption	12=10/11	Tonne	3462637
13.	Coal requirement considering Transit Loss	13	Tonne	3488803
14.	Average Price of Oil	14	Rs./KL	45999
15.	Cost of Coal per Tonne after due adjustment as per Annex A2 of FPPCA Petition	15	Rs./Tonne	3347
16.	Cost of Oil	16=7x14	Rs. Lakhs	3288
17.	Cost of Coal	17=13x15	Rs. Lakhs	116769
18.	Total Fuel Cost	18=16+17	Rs. Lakhs	120057

Note:

Kindly refer to Annex A1 to Annex A5 of Supplementary petition to FPPCA 2020-21 submitted on 29 September 2022 details.


COMPANY SECRETARY
CESC LIMITED

Form 1.11 : COST OF FUEL

Southern Generating Station

	STATION	DERIVATION	UNIT	2020-2021
1.	Sent out energy for own consumers and WBSEDCL	1	MU	82
2.	Auxiliary consumption	2	MU	8
3.	Gross Generation for own consumers and WBSEDCL	3=1+2	MU	90
4.	Station Heat Rate	4	kCal/kWh generated	2900
5.	Total Heat Required	5=3x4	GCal	260313
6.	Specific Oil Consumption	6	ml/kWh	2.10
7.	Oil Consumption	7=6x3	KL	189
8.	Heat Value of Oil	8	kCal/Litre	9551
9.	Heat from Oil	9=7x8	GCal	1800
10.	Heat from Coal	10=5-9	GCal	258512
11.	Heat Value of Coal	11	kCal/Kg	4370
12.	Coal Consumption	12=10/11	Tonne	59156
13.	Coal requirement considering Transit Loss	13	Tonne	59603
14.	Average Price of Oil	14	Rs./KL	47364
15.	Average Price of Coal	15	Rs./Tonne	4510
16.	Cost of Oil	16=7x14	Rs. Lakhs	89
17.	Cost of Coal	17=13x15	Rs. Lakhs	2688
18.	Total Fuel Cost	18=16+17	Rs. Lakhs	2777
	Overall Fuel Cost - All Stations		Rs. Lakhs	122834

Note:

Kindly refer to Annex A1 to Annex A5 of Supplementary petition to FPPCA 2020-21 submitted on 29 September 2022 details.


COMPANY SECRETARY
CESC LIMITED

Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17**1. Basis for reporting of expenses**

Figures in the instant Petition have been furnished in accordance with the Tariff Regulations of the Hon'ble Commission and / or applicable orders. The Supplementary Petition dated 29.09.2022 replaced Volume 1 of the FPPCA Petition submitted before the Hon'ble Commission on 01.04.2022. The Supplementary Petition dated 29.09.2022 containing Volume 1 alongwith Volume 2 to Volume 7 of the petition dated 01.04.2022 are collectively referred to as the "FPPCA Petition". Figures are extracted from the audited annual accounts or from the FPPCA Petition and Tariff Order dated 01.08.2022 ("MYT Order") and where any other treatment in accordance with the Tariff Regulations / Orders of the Hon'ble Commission has been adopted, the same has been suitably explained. Reliance has been placed on the Auditors' reports and certificates and supporting details, as appropriate. The Company, as submitted, has been guided by the Tariff Regulations framed by the Hon'ble Commission and other statutory documents for submitting this petition.

Pursuant to necessary changes in the Companies Act 2013 and related notifications, the Company had adopted Indian Accounting Standards (Ind AS) while preparing the accounts from the year 2016-17. However, suitable adjustments have been made in this petition in order to make it consistent with the Tariff Regulations and earlier orders of the Hon'ble Commission.

Methodology / Allocation of items have been adopted / done following the Principles / Directives in the Regulations / Order(s) of the Hon'ble Commission, to the extent applicable / feasible. The expenditure for the year 2020-21, reported in Forms 1.12, 1.15 – 1.17 are collated in terms of the applicable provisions of the Tariff Regulations and MYT Order. All expenditure reported are net of allocation to capital accounts, where applicable.

2. Employee Cost

In spite of significant surge in the Company's activity level during the pandemic, including increase in number of consumers, meeting peak demand and ensuring network reliability (details elaborated in the Submission Text), there has been decline in employee strength every year through various technology absorption mechanisms effected by the Company, pursuant to the Company's on-going endeavours to manage operating cost through innovations and higher productivity. This period also experienced inflationary effect including that of increase in DA index announced by Government of West Bengal, besides normal increment and other factors. Graphs and charts on rising demand profile, enhanced consumer base and sustained inflation have also been furnished in the Submission Text.

The employee cost detailed in Form 1.17(h) contains the effect of normal increase due to enhanced activity level, inflationary push and effect of market corrections. Consistent efforts are undertaken by the Company to retain critical talent in this highly competitive industry.

It was the duty of the Company to ensure uninterrupted power supply to the essential establishments (hospitals, administrative offices, etc) during the pandemic and therefore it was incumbent of the Company to ensure full safety protocol of its employees and establishments. Medical expenses relating to Covid-19 are not specifically included in this Petition other than hospitalisation and such expenses will be claimed in APR Petition of subsequent year, taking into consideration the expenses for first & second wave and employee vaccination together.

Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17

The uncontrollable own employee cost (net of cost attributable to other activities of Rs 1296 lakhs included in item 7 of Form 1.17(h) along with allocation of cost for capital jobs) for the year 2020-21 has been worked out and is prayed for in this petition. Auditors' certificate after netting off cost attributable to other activities in this regard has been annexed to this petition in Volume 3, Page 213. In this regard, it requires mentioning that the Company has been facing huge challenges in retaining its highly skilled and dedicated professionals due to significant growth in power sector leading to steep rise in demand for experienced professional expertise both in the fields of generation and distribution of power as well as ancillary services like finance, human resource management, regulatory services etc. In order to ensure retention of critical talents which play a major role in the Company's ability to ensure uninterrupted quality power to its growing consumer base in an efficient manner, it has become incumbent on the part of the Company to gradually move towards market aligned compensation packages for such talents.

Employee cost relating to other activities mentioned in Form 1.24 is not included in employee benefit expenses claimed and has been netted off with related income thereof in the said accounts (does not form part of the Annual Revenue Requirement for 2020-21). Employee cost attributable to other activities and for activities mentioned in Form 1.24 have been identified based on actual deployment of the persons involved. The details of employee cost, as required, have been furnished in Form 1.17 (h).

In terms of Ind AS disclosure requirement a part of the Employee Cost has been shown as "Other comprehensive income" which has been considered on an aggregate basis alongwith the Employee Cost as per the Tariff Order.

In terms of the Tariff Regulations, employee cost is uncontrollable which signifies that variations in cost are allowable through tariff. However, number of employees (i.e. Man/MW ratio) is normative for the generation function, which fixes the number of employees (own plus contracted) of a generating company for the purpose of tariff. When employee cost uncontrollable but based on a normative number, it emanates that for the generating stations, the Company is entitled to full cost of employees worked out on the basis of the normative number of personnel.

Thus, employee number for Generation has been claimed on normative basis with both own employees and contract manpower in terms of Regulation 2.5.5, Table 2.5.5-1, Schedule-9A, Item A., read with Notes x), xi) under Item A. and Note iv) under Item B., and other relevant Regulations of the Hon'ble Commission.

Thus, on conjoint reading of the various provisions of the Tariff Regulations, the Company submits that Man/MW is normative for Generation and the employee cost/Man is treated as uncontrollable. Any variation in the latter is accordingly required to be allowed in tariff. Details of manpower cost for own employees and contractual manpower have been furnished in Form 1.17 (h).

3. Interest

(a) Statement of loan actually availed / repaid and actual interest for the year 2020-21 have been furnished in Form C. Interest on normative debt (detailed in Form 1.20(b)) works out to NIL for the year and has accordingly not been claimed.

(b) Necessity of funds by way of temporary accommodation partially arose due to pendency of finalisation of APR Orders for 2018-19 and 2019-20. Also, the shortfall arising for the current year 2020-21 necessitated temporary utilisation of short term borrowings and also funding requirement arising due to external factors which being covered in terms of the Hon'ble Commission's order dated 06.05.2020. Accordingly, Interest on such temporary accommodation has been incurred and prayed for. Interest has been arrived at considering the actual contractual rate of 9.03% on the average balance, which is significantly lower than the norm of "1 year SBI MCLR plus 350 basis points". (1 year SBI MCLR as on 30.09.2020 was 7.00% plus 350 basis points equates to 10.50%). Additionally the Company has also separately claimed Interest on Temporary Accommodation availed for funding of Additional Levy, paid in respect of Coal Mine, which is under the consideration of Appellate Tribunal for Electricity (APTEL).

(c) In spite of rigorous follow-ups, electricity dues of majority of public bodies have substantial delayed recovery and in many cases the Company's receivable sums represent huge overdues. Given the utility nature of services being provided by the said entities, it is not practicable to precipitate the actions, which as such are applied by the Company to efficiently manage its receivables. Working Capital provisions under the Tariff Regulations do not take care of situations of unusual delays in realisation of such receivable, as in the given situation. This aspect also merits due consideration of the Hon'ble Commission when considering temporary accommodation / working capital for the year.

Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17

(d) In terms of applicable orders, security deposit held is compared against working capital requirement in terms of regulations. Security Deposit is held by the licensee as a safeguard against accumulation of outstanding amounts and is a deterrent for Bad Debts. Since Security Deposit is held by the licensee towards settlement of consumers' dues and also being refundable upon exercise of the option by the consumer in applicable cases, it is prudent to keep the same largely invested in liquid current assets of the Company. While these amounts are settled from time-to-time by the government agencies, there is a time lag for such settlement of dues and some money remains continuously locked resulting in a special need for funds differing from a usual business requirement. Unfortunately, punitive measures against the municipal bodies, providing essential services cannot be contemplated. The shortfall in payment for electricity is required to be met with funds in the hands of the licensee, of which, security deposit is a necessary constituent. Security Deposit held by the Company is generally commensurate with the above stated factors viz. normative working capital requirement, average municipal outstanding and cash and Bank balances together with significant other current assets. Kindly refer to report placed in pages 250-252 of Volume 4 for details.

(e) During the year 2020-21, due to various global as well as domestic factors, specially due to pandemic, availability of capital and pricing thereof became extremely stringent, especially in the power sector. 1 year SBI MCLR stood at 8.50% at the beginning of the year in April 2019 plus 350 basis points equates to 12.00%. Certificates confirming the above rates are annexed to the APR Petition, Volume 5, pages 18 to 21. Moreover, liquidity position and credit availability in power sector has deteriorated significantly. However, through considerable negotiations, the Company could manage to keep its interest rates well below the norm of "1 year SBI MCLR plus 350 basis points". The Company made necessary borrowings keeping in view the applicable Debt-Equity Ratio as per the Regulations for capital expenditure.

(f) In terms of the Regulations, considering normative working capital requirement and the interest rate of 9.03% (being the actual contractual rate at mid year and substantially lower than the norm of "1 year SBI MCLR plus 350 basis points". (1 year SBI MCLR stood at 8.50% at the beginning of the year in April 2019 plus 350 basis points equates to 12.00%, 1 year SBI MCLR stood at 7.75% at the beginning of the year in April 2020 plus 350 basis points equates to 11.25%), The Company's prayer on this account has been included in this petition. Confirmatory certificate on SBI MCLR is placed in the APR Petition in pages 18-19 of Volume 5.

(g) Interest on Temporary Accommodation arising out of pandemic as per Para 11 (c) of Order No SM-22/20-21 dated 06.05.2020 of the Hon'ble Commission - in order to mitigate the hardship of the consumers during lockdown, the Company kept in abeyance billing to the consumers for the months of April 2020 and May 2020, aggregating to Rs 23931 lakhs which was subsequently billed to the consumers during November 2020 to August 2021. The Company had to resort to Temporary Accommodation on the above shortfall in realisation and the interest on the same amounting to Rs 1472 lakhs has been separately claimed in Form 1.17 (a).

4. O&M Expenses

Actual figures for O&M Expenses have been furnished from the audited annual accounts. O&M Expenses for generation have been further adjusted in accordance with the normative parameters in terms of the MYT Order. Break up of "Other expenses" taken from the audited annual accounts have been certified by the Auditors with due segregation between the functions of Generation and Distribution etc., which has been annexed in the APR Petition in Volume 3, Page 209.

5. Other Expenses

While taking the insurance policies and finalizing the premium therefor, the Company has obtained quotations from different insurance companies as envisaged in the Regulations and settled the premium for the year on the basis of the most competitive offer.

6. Bad Debts

Bad debts for the year 2020-21 have been duly approved by the Board of Directors in its meeting held on 16.06.2021, through approval of the Annual Accounts of the Company. The figure represents amount actually written off. The claim of the Company is within permissible limits of the Regulations.

Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17**7. Income Tax**

Following the Hon'ble Commission's Regulations / Order(s), actual Income-Tax payment for the financial year 2019-20 is prayed for in this petition. As per consistent practice, payment on account of Income-Tax for the financial year 2020-21 and earlier period(s) (not included in the petitions so far) will form part of future claims on account of Income Tax and will be included in the APR petition for 2021-22. Necessary certification by the Auditors for the same is being submitted with the APR Petition in Volume 3, Page 220. The Company had submitted Assessment Orders upto financial year 2017-18 with the Hon'ble Commission vide communication no. 74798 dated 31.12.2021. The Company has since received the Income Tax Order for the Assessment Year 2020-21 (Financial Year 2019-20) with a demand, which has been challenged by the Company in appropriate forum, the outcome of which is still pending. The Company's Income Tax Scrutiny Assessment for the financial year 2018-19 has not been taken up. Any Claims arising in respect of Income Tax, relating to the above year will be included in subsequent APR petitions.

8. Goods and Service Tax (GST)

The Government of India has issued various circulars from time to time regarding levy of Goods and Services Tax (GST) on various items. In view of emerging situations, the Company has not made any separate claim under this petition in respect of Fixed Cost expenses. Such claim, if any, on account of GST will be made in subsequent APR petitions based on actual payment.

9. Power Purchase

Auditors' Certificate for cost of actual power procurement during the year, has been furnished in the FPPCA Petition for 2020-21.

10. Power Purchaser Fund

The Company has not been granted any sum towards Power Purchaser Fund during the year and accordingly no separate accounts is required to be maintained.

11. Corporate Social Responsibility (CSR)

As per the Companies Act, 2013, the Company is statutorily required to contribute 2% of its applicable Profit towards CSR. Accordingly the Company has made a contribution of Rs 2230 lakhs and the same has been prayed for in this petition and included in Form 1.17.

12. Efficiency Improvement

The Company has a vision of establishing itself as a consumer-oriented power utility consistent with global standards. It already has a number of awards and accolades which establishes its position as one of the best electricity companies in India (details of awards and certificates are furnished in the Submission Text). It is presently in the process of reinventing itself to provide world class experience to the consumers. A number of benchmark studies, detailed analysis and improvement initiatives emanating therefrom, along with necessary adoption of modern technology, are being rapidly undertaken to enable the Company to transform itself.

13 VAT Case Settlement

In respect of Sales Tax demand on Meter Rental since 1984-85 till June 2017 by Commercial Taxes Department, Government of West Bengal, the Company had obtained stay of the demand from Hon'ble Calcutta High Court in 1996 and thereafter the matter remained unsettled. Thereafter, the Government of West Bengal came up with an amnesty scheme through West Bengal Finance Act, 2020 read with Notification No. 330-F.T and 331-F.T both dated the 2nd March 2020 which entailed settlement of all disputed claim at the rate of 25% of the basic Sales Tax/VAT without interest and penalty. The Company's total liability towards Sales Tax/VAT worked out to Rs 24149 lakhs including estimated interest without the effect of penalty. Accordingly, it was felt prudent to apply for settlement of the matter in the aforesaid amnesty scheme by making a payment of Rs 1713 lakhs and avoid any further demand in this matter in future. The details of payment challans are attached in Volume 5, pages 203 to 236 of the petition. The Company now prays for allowance of the aforesaid sum of Rs 1713 lakhs towards settlement of a long standing dispute.

14 Amphan Damage Expenses

The Company has incurred expenses related to repair and restoration related activities as the super cyclonic storm Amphan which had damaged installations and infrastructures of the company severely. The net Amphan damage Expenses of Rs 658 lakhs as detailed below, has not been claimed in this Petition in terms of Para 5.29 of the MYT Order dated 01.08.2022 and has been adjusted under Reserve for Unforeseen Exigencies.

<i>Rs in Lakh</i>			
Station	Repairs & Maintenance including Consumables	Other Administrative & General Expenses	Total
Budge Budge Generating Station	399	-	399
Southern Generating Station	193	-	193
Distribution	508	61	569
Total	1100	61	1161
Less: Subsequent Insurance Recovery			-503
Net Amphan Cost			658

The Insurance Recovery (realised in financial year 2021-22) is primarily on account of Generating Stations and certain few items of Distribution Systems. The Insurance Cover for Transmission & Distribution Systems is not available in India. The aforesaid gross expenditure of Rs 1161 lakhs has been reduced from the actual claim in this APR Petition and adjusted towards Claim for Unforeseen Exigencies

15 Mitigating Expenses for the Covid-19 Pandemic

The world experienced unprecedented Covid-19 induced pandemic. The pandemic and related restrictions have impacted the operations of the Company immensely. Significant additional expenses have been incurred to meet various operational requirements, conforming to relevant Government advisories / social distancing norms and safety of consumers / employees. Particular emphasis has been given on critical operations like seamless generation from Budge Budge Generating Station, system operations and distribution services to ensure reliability of supply. In terms of Para 5.28 of the MYT Order dated 01.08.2022, Expenses related to the pandemic are included in this Petition at appropriate places, a summary of which is given below:-

<i>Rs in Lakh</i>				
Station	Sanitisation, PPE and other Covid mitigating Expenses	Car/Ambulance Hire Expenses	Quarantine Expenses	Total
Budge Budge Generating Station	74			74
Southern Generating Station	3			3
Distribution	89			89
Selling				
Centrally Maintained	432	70	164	666
Gross Covid Expenses	598	70	164	832

Note:-

The Quarantine Expenses shown above was incurred by the Company in the financial year 2020-21, however, the same was charged to Statement of Profit & Loss in the financial year 2021-22, being claimed now in the year of actual payment.

Form 1.12 : Expenditure - Cost of Energy from CESC Generation - All Stations

Ref.	Particulars	2020-21 Rs. Lakhs	Comments
	<i>Cost of Energy from CESC Generation - all stations</i>		
	<i>(Station-wise details are enclosed)</i>		
	<i>(Excludes expense shown under any other head)</i>		
(i)	Fuel Cost		
	Coal	119458	As per Form 1.11
	Oil	3377	
		122834	
(ii)	Coal & Ash handling charges	1027	From Audited Accounts
(iii)	Demurrage for Transportation of Fuel		Old stations - Budge Budge Rs. 26 Lakhs & Southern Rs. 3 Lakhs
(iv)	Water Cess	-	From Audited Accounts
(v)	O & M Expenses		
(a)	Repairs & Maintenance (excluding stores)		
	Buildings	259	From Audited Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
	Plant & Machineries	6967	
	Less: Amphan Damage Expenses	(-) 592	
	Plant & Machineries (Net)	6375	
	Others	12	
(b)	Security Charges	810	
		7456	
	Less : Employee Costs - Contractors	4789	Please refer to Note 1 below
		2667	

Form 1.12 : Expenditure - Cost of Energy from CESC Generation - All Stations

Ref.	Particulars	2020-21 Rs. Lakhs	Comments
(c)	Consumption of stores & spares	4133	From Audited Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(d)	Travelling Expenses	493	
(e)	Vehicle Running & Maintenance	185	
(f)	Telephone Expenses	34	
(g)	Other Management & Administrative Expenses	802	
(h)	Computer Maintenance Expenses	53	
(i)	Audit Fees	142	
(j)	Differential O & M expenses	5987	
	Overall O & M Expenses under Regulations	14495	
(vi)	a) Employee Costs - Own		
	Salaries & Wages	11845	
	Bonus / Ex-gratia	3	
	Contribution to Funds	1637	
	Welfare Expenses	836	
		14322	
	b) Employee Costs - Contractors	4789	Please refer to Note 1 below
(vii)	Depreciation	6574	From Audited Accounts
(viii)	Expenses due to Penalty, Fines etc.		
(ix)	Rates & Taxes	524	From Audited Accounts

Form 1.12 : Expenditure - Cost of Energy from CESC Generation - All Stations

Ref.	Particulars	2020-21 Rs. Lakhs	Comments
(x)	Rent	75	From Audited Accounts
(xi)	Insurance Premium Payable	1328	As per Form 1.17 (f), from Audited Accounts Please refer to Note 5 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17".
(xii)	Mitigating Expenses for the Covid-19 Pandemic	77	Please refer to Note 15 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17".
(xiii)	Lease Rent	-	
	Overall - 1.12 (All Stations)	166046	

Notes :

1. Claim on account of Employee Cost - own and employee cost for contractors shown above are considered at actual for the former and the latter has been derived considering the allowable number of employees as per norm and actual cost for relevant station contractor employees, as detailed herein. Such cost for contractors' employees in regular establishments, being actually included under O & M expenses, have been duly deducted therefrom and mentioned separately, as stated above.

i) Numbers of actual own employees (including officers) as on 31.3.2021, excluding contractors' employees in regular establishments, are 611 for Budge Budge (750 MW), 325 for Southern (135 MW), 4 for Titagarh (240 MW). The Company has gainfully utilised the existing manpower of Titagarh at Company's various establishments and only 4 employees are there at Titagarh as on 31.3.2021 which is absolutely essential for safe keeping of the machineries and other assets at Titagarh generating Station, the benefit of which when accrued will be duly passed on to the consumers. Accordingly the cost of such 4 employees has been included in Form 1.12 (Titagarh) under Employee Cost- own.

ii) The Auditors' certification of "Other Expenses" and relevant station employee cost are placed in the APR Petition, Volume-3. No employee cost in respect of the contractors' employees in regular establishments has been considered for Titagarh Generating Station.

2. Normative expenses for Budge Budge and Southern Generating stations, as allowed in the MYT Order (Para 5.5.1), are reproduced in the Chart below for reference

O&M Expenses for 2020-21	Rs. Lakh / MW
Budge Budge Generating Station	15.32
Southern Generating Station	18.13

3. Item heads have been re-arranged for clearer presentation in terms of the requirements under the Tariff Regulations.

Form 1.12 : Expenditure - Cost of Energy from CESC Generation - All Stations

4. Other Management & Administrative Expenses include Rs. 0.19 Lakh of Advertisement expenses and Rs. 0.31 Lakhs of Stamps and Courier charges. Kindly refer to the Auditors' Certificate in page 209, Volume 3 for further details.
 5. O & M Expenses in respect of Titagarh has been submitted and prayed for at actuals for certain unavoidable expenses, which may kindly be allowed by the Hon'ble Commission. Such expenses are required for safe keeping of the plant.
 6. The Contractor Employee Cost in respect of Generating Stations have been provided in Form 1.17(h): Break-up of Contractual Employee Cost - Generating Station. Kindly refer to the Auditors' Certificate in page 215, Volume 3 for further details.
 7. The Auditors' certification of "Other Expenses" is placed in this petition.
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Form 1.12: Expenditure - Cost of Energy from CESC Generation - Budget Budget

Ref.	Particulars	2020-21 Rs. Lakhs
	<i>Cost of Energy from CESC Generation - Budget Budget</i>	
	<i>Excludes expense shown under any other head</i>	
(i)	Fuel Cost	
	Coal	116769
	Oil	3288
		120057
(ii)	Coal & Ash handling charges	965
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Cess	-
(v)	O & M Expenses	
(a)	Repairs & Maintenance (excluding stores)	
	Buildings	214
	Plant & Machineries	5448
	Less: Amphan Damage Expenses	(-) 399
	Plant & Machineries (Net)	5049
	Others	5
(b)	Security Charges	603
		5871
	Less : Employee Costs - Contractors	4229
		1642
(c)	Consumption of stores & spares	3820
(d)	Travelling Expenses	436
(e)	Vehicle Running & Maintenance	136
(f)	Telephone Expenses	22

Form 1.12: Expenditure - Cost of Energy from CESC Generation - Budget Budget

Ref.	Particulars	2020-21 Rs. Lakhs
(g)	Other Management & Administrative Expenses	554
(h)	Computer Maintenance Expenses	39
(i)	Audit Fees	111
(j)	Differential O & M expenses	4731
	Overall O & M Expenses under Regulations	11490
(vi)	a) Employee Costs - Own	
	Salaries & Wages	7406
	Bonus / Ex-gratia	1
	Contribution to Funds	973
	Welfare Expenses	573
		8954
	b) Employee Costs - Contractors	4229
(vii)	Depreciation	5696
(viii)	Expenses due to Penalty, Fines etc.	
(ix)	Rates & Taxes	360
(x)	Rent	
(xi)	Insurance Premium Payable	1167
(xii)	Mitigating Expenses for the Covid-19 Pandemic	74
(xiii)	Lease Rent	
	Overall - 1.12 (Budget Budget)	152993

Form 1.12: Expenditure - Cost of Energy from CESC Generation - Southern

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
	<i>Cost of Energy from CESC Generation - Southern</i>	
	<i>Excludes expense shown under any other head</i>	
(i)	Fuel Cost	
	Coal	2688
	Oil	89
		2777
(ii)	Coal & Ash handling charges	61
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Cess	-
(v)	O & M Expenses	
(a)	Repairs & Maintenance (excluding stores)	
	Buildings	43
	Plant & Machineries	1123
	Less: Amphan Damage Expenses	(-) 193
	Plant & Machineries (Net)	930
	Others	7
(b)	Security Charges	197
		1177
	Less : Employee Costs - Contractors	560
		617
(c)	Consumption of stores & spares	286
(d)	Travelling Expenses	51
(e)	Vehicle Running & Maintenance	43
(f)	Telephone Expenses	10

Form 1.12: Expenditure - Cost of Energy from CESC Generation - Southern

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
(g)	Other Management & Administrative Expenses	142
(h)	Computer Maintenance Expenses	13
(i)	Audit Fees	32
(j)	Differential O & M expenses	1256
	Overall O & M Expenses under Regulations	2448
(vi)	a) Employee Costs - Own	
	Salaries & Wages	4387
	Bonus / Ex-gratia	1
	Contribution to Funds	659
	Welfare Expenses	263
		5310
	b) Employee Costs - Contractors	560
(vii)	Depreciation	335
(viii)	Expenses due to Penalty, Fines etc.	
(ix)	Rates & Taxes	1
(x)	Rent	75
(xi)	Insurance Premium Payable	153
(xii)	Mitigating Expenses for the Covid-19 Pandemic	3
(xiii)	Lease Rent	
	<i>Overall - 1.12 (Southern)</i>	11725

Form 1.12: Expenditure - Cost of Energy from CESC Generation - Titagarh

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
	<i>Cost of Energy from CESC Generation - Titagarh</i>	
	<i>Excludes expense shown under any other head</i>	
(i)	Fuel Cost	
	Coal	
	Oil	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Cess	-
(v)	O & M Expenses	
(a)	Repairs & Maintenance (excluding stores)	
	Buildings	2
	Plant & Machineries	396
	Others	-
(b)	Security Charges	10
		408
	Less : Employee Costs - Contractors	-
		408
(c)	Consumption of stores & spares	27
(d)	Travelling Expenses	6
(e)	Vehicle Running & Maintenance	6
(f)	Telephone Expenses	3

Form 1.12: Expenditure - Cost of Energy from CESC Generation - Titagarh

Ref.	Particulars	2020-21 Rs. Lakhs
(g)	Other Management & Administrative Expenses	107
(h)	Computer Maintenance Expenses	1
(i)	Audit Fees	
(j)	Differential O & M expenses	
	Overall O & M Expenses under Regulations	557
(vi)	a) Employee Costs - Own	
	Salaries & Wages	52
	Bonus / Ex-gratia	1
	Contribution to Funds	5
	Welfare Expenses	0
		58
	b) Employee Costs - Contractors	
(vii)	Depreciation	543
(viii)	Expenses due to Penalty, Fines etc.	
(ix)	Rates & Taxes	163
(x)	Rent	
(xi)	Insurance Premium Payable	8
(xii)	Mitigating Expenses for the Covid-19 Pandemic	
(xiii)	Lease Rent	
	Overall - 1.12 (Titagarh)	1328

Form 1.13: Expenditure - Transmission of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21</i>
	<i>Expenses on Transmission of Energy</i> <i>Excludes Expenses shown under any other head</i>	
(i)	Consumption of stores & spares	
(ii)	Repairs & Maintenance (excluding salaries etc. & stores) Buildings Transmission & Distribution Assets Others	
(iii)	Employee Costs Salaries & Wages Bonus Contribution to Funds Welfare Expenses	
(iv)	Depreciation	
(v)	Travelling Expenses	
(vi)	Vehicle Maintenance	
(vii)	Telephone Expenses	
(viii)	Security Charges	
(ix)	Other Management & Administrative Expenses	
(x)	Expenses due to Penalty, Fines etc.	
(xi)	Others (specify)	
	<i>Overall (1.13) - Transmission</i>	

The Company does not have transmission lines in terms of the provisions of the Electricity Act, 2003 as its "high pressure cables and overhead lines" are an essential part of the distribution system. Therefore the above Form is not applicable for the Company.

Form 1.14: Average System Demand for Transmission Systems

Ref.	Season / time of the day	2020-21
1.	Summer	
2.	Monsoon	
3.	Winter	
	Grand Total	

The Company does not have transmission lines in terms of the provisions of the Electricity Act, 2003 as its "high pressure cables and overhead lines" are an essential part of the distribution system. Therefore the above Form is not applicable for the Company.

Form 1.15: Expenditure - Distribution of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>	<i>Comments</i>
	<i>Expenses on Distribution of Energy</i>		
	<i>(Excludes Expenses shown under any other head)</i>		
(i)	Consumption of stores & spares	2185	From Audited Annual Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(ii)	Repairs & Maintenance (excluding salaries etc. & stores)		
	Buildings	79	
	Distribution Assets	9745	
	Less: Amphan Damage Expenses	(-) 508	
	Distribution Assets (Net)	9237	
	Others	426	
		9743	
(iii)	Employee Costs		From Audited Annual Accounts. Please refer to Note 2 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
	Salaries & Wages	42396	
	Bonus / Ex-gratia	29	
	Contribution to Funds	6372	
	Welfare Expenses	2399	
		51195	
(iv)	Depreciation	35264	From Audited Accounts
	Less : Depreciation on assets created by utilising proceeds from sale of old assets	416	Deduction in terms of Regulation 5.15.1 (iv)
		34848	

Form 1.15: Expenditure - Distribution of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>	<i>Comments</i>	
(v)	Travelling Expenses	1523	From Audited Annual Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"	
(vi)	Vehicle Running & Maintenance	399		
(vii)	Telephone Expenses	465		
(viii)	Security Charges	933		
(ix)	Advertisement	0.4		
(x)	Stamps & Courier Charges	5		
(xi)	Other Management & Administrative Expenses	1550		
(xii)	Expenses due to Penalty, Fines etc.			
(xiii)	Computer Maintenance Expenses	258		
(xiv)	Mitigating Expenses for the Covid-19 Pandemic	89		Please refer to Note 15 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(xv)	Insurance Premium Payable	543		As per Form 1.17 (f), from Audited Accounts Please refer to Note 5 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17".
	Overall (1.15) - Distribution	103736		

Notes :

1. Expenses specifically attributable to distribution activities have been shown above. Others are considered under centrally maintained expenses.

2. Employee Cost

Employee Cost shown above represents the same on own employees. Employee Cost of contractors' personnel is included in Repairs & Maintenance expenditure since the contractors are engaged to provide only job specific services as per rate schedule and are accordingly paid for. An estimated number of 2288 regular contractors' employees are engaged to carry out such jobs.

Form 1.16 : Expenditure - Sale of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>	<i>Comments</i>
	<i>Expenses on Sale of Energy</i> <i>(Excludes Expenses shown under any other head)</i>		
(i)	Consumption of stores	128	From Audited Annual Accounts and Auditors' Certificate. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(ii)	Repairs & Maintenance (excluding salaries etc. & stores)	136	
(iii)	Employee Costs		From Audited Accounts. Please refer to Note 2 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
	Salaries & Wages	12783	
	Bonus / Ex-gratia	4	
	Contribution to Funds	1954	
	Welfare Expenses	632	
		15372	
(iv)	Depreciation	-	Assets utilised for effecting Sale of energy cannot be segregated as such as in many cases those are inextricably linked with distribution activities. Hence depreciation has been clubbed appropriately either with distribution expenses or with centrally maintained expenses.

Form 1.16 : Expenditure - Sale of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>	<i>Comments</i>	
(v)	Travelling Expenses	552	From Audited Annual Accounts and Auditors' Certificate. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"	
(vi)	Vehicle Running & Maintenance	101		
(vii)	Telephone Expenses	199		
(viii)	Advertisement	146		
(ix)	Computer Maintenance Expenses	1129		
(x)	Stamps & Courier Charges	1753		
(xi)	Other Management & Administrative Expenses	2560		
(xii)	Expenses due to Penalty, Fines etc.			
(xiii)	Mitigating Expenses for the Covid-19 Pandemic	-		Please refer to Note 15 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(xiv)	Security	263		
	Overall (1.16) - Sale of Energy	22338		

Form 1.17 - Other expenses - Centrally maintained

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>	<i>Comments</i>
(a)	(i) Rent	2781	From Audited Accounts
	(ii) Rates & Taxes (Other than taxes on income & profits)	547	From Audited Accounts
(b)	Interest		
(i)	Interest on Loans on Capital Account	22151	As per Form C. Please also refer to Note 3 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(ii)	Interest on Temporary Accommodation [Form 1.17a]	41164	As per Form 1.17 (a), in terms of Regulation 5.6.5.4. Actual interest has been stated in Form C
(iii)	Interest on Working Capital [Form 1.17b]	5898	As per Form 1.17 (b), in terms of Regulation 5.6.5.1
(iv)	Interest on Security Deposits at rates specified by the Hon'ble Commission	11414	From Audited Accounts, in terms of Regulation 5.6.5.3
(v)	Interest on advance from consumers		
(vi)	Other Finance Charges [Form 1.17c]	1087	As per Form 1.17 (c)
(vii)	Lease Rental	1094	From Audited Accounts
(viii)	Delayed Payment Surcharge		
(c)	Bad Debts	4024	Please refer to Note 6 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(d)	Legal Charges	825	From Audited Accounts. Certificate enclosed in Annex.
(e)	Consultancy Fees, charges and expenses	121	From Audited Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(f)	Auditors' Fees	295	
(g)	Depreciation	1093	From Audited Accounts
(h)	Advance against Depreciation [Form 1.17e]	8450	As per Form 1.17 (e)
(i)	Foreign Exchange Rate Variation on loan repayments [Form 1.17d]		
(j)	Other Expenses		
	Entry Tax		From Audited Accounts
(k)	Insurance Premium Payable [Form 1.17f]	0	Please refer to Form 1.12 and 1.15

Form 1.17 - Other expenses - Centrally maintained

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>	<i>Comments</i>
(l)	<i>Employee costs & Directors' fees & expenses</i>		
(i)	Salaries & Wages	10314	
(ii)	Bonus / Ex-gratia	1	
(iii)	Contribution to Funds	720	From Audited Accounts. Please refer to Note 2 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(iv)	Welfare Expenses	697	
(v)	Directors' fees & expenses	73	
(m)	Consumption of printing, stationery and stores	73	
(n)	Repairs & Maintenance (excluding salaries etc. & stores)	1754	From Audited Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(o)	Travelling Expenses	449	
(p)	Postage	36	
(q)	Security	242	
(r)	Intangible Assets written off		Please refer Form 1.18(b)
(s)	Telephone, Telex etc.	66	
(t)	Vehicle Running & Maintenance	404	From Audited Accounts. Please refer to Note 4 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(u)	Advertisement	534	
(v)	Computer Maintenance Expenses	228	
(w)	VAT Claim Settlement	1713	Please refer Note 13 in the "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17".
(x)	General Establishment Charges (net of recovery)	7438	From Audited Accounts. Please refer to Note 4 and Note 12 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(y)	DSM Charges etc.	556	Within the limits specified in the applicable Regulations. Amount as per SLDC records. Applicable details furnished through the petition dated 29.09.2022; units also available in the Auditors' Report and Certificate in Annex C3 of this petition.
(z)	Corporate Social Responsibility	2230	Please refer to Note 11 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(za)	Mitigating Expenses for the Covid-19 Pandemic	666	Please refer to Note 15 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(zb)	Terminal Benefits		
(zc)	Taxes on Income / Profits	16111	Please refer to Note 7 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
	Overall (1.17)	145248	

1.17 (a) Interest on Temporary Accommodation

<i>Particulars</i>	2020-21 Rs. Lakhs
Opening Balance as per APR Petition for 2019-20	480321
Adjustment on account of APR-FPPCA Orders for 2014-15, 2015-16, 2016-17 and 2017-18 and MYT Order	(-) 203413
Adjusted Opening Balance	276909
Addition during the year as per Form E	108567
Settlement during the year/APR Order & Tariff Order Adjustments	5295
Closing Balance	390771
Interest on Temporary Accommodation @ 9.03% (being the effective sanctioned contractual interest rate) on the average balance as above, in line with past APR Claims and the opening balance adjusted as per Hon'ble Commissions Orders.	31594
Interest on Temporary Accommodation arising out of pandemic as per Para 11 (c) of WBERC Order No SM-22/20-21 dated 06.05.2020 (Refer Note 3(f) in Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17)	1472
Interest due to the impact of additional levy loan (Interest on Additional Levy has been claimed on Rs 89673 lakhs at the aforesaid Interest Rate, the basic claim of which is being subject of adjudication at APTEL.)	8097
Total Interest as per 1.17(a)	41164

Note :

Please refer to Note 3(b) on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17".

Actual interest has been shown in Form C under Revenue Account.

Interest on Temporary Accommodation for 2020-21

	Particulars	2019-20 Rs. Lakhs	Remarks
1.	Closing Balance of 2017-18 in terms of Order on APR for 2017-18 (Sl. No. D under Table 3.10-5, page 40)	39719	1
2.	Opening Balance for 2018-19	39719	2 = 1
	<u>Additions during the year :</u>		
3.	- Claim for 2018-19 (Form E, volume 2, pg 158 of the Supplementary Petition for 2018-19)	144164	Form E of Supplementary Petition for 2018-19 alongwith Rs. 10836 lakhs on account of cost of swap-in energy as per APR-FPPCA Order for 2017-18 dated 01.08.2022
	<u>Settlement during the year :</u>		
4.	- Pursuant to Tariff Order for 2018-19 and 2019-20 - vide para 6.5	22545	Para 6.5, Page 93 of the Tariff Order dated 3 February 2022
5.	Closing Balance for 2018-19	161338	5 = 2+3-4
6.	Opening Balance for 2019-20	161338	6 = 5
	<u>Additions during the year :</u>		
7.	- Claim for 2019-20 (Form E, volume 2, pg 163 of the Supplementary Petition)	116025	Form E of this Supplementary Petition
	<u>Settlement during the year :</u>		
8.	- Pursuant to Tariff Order for 2018-19 and 2019-20 - vide para 6.5	455	Para 6.5, Page 93 of the Tariff Order dated 3 February 2022
9.	Closing Balance for 2019-20	276909	9 = 6+7-8
10.	Opening Balance for 2020-21	276909	10 = 9
	<u>Additions during the year :</u>		
11.	- Claim for 2020-21 (Form E, volume 2, pg 143 of this Petition)	108567	Form E of this Petition
	<u>Settlement during the year :</u>		
12.	- Pursuant to Tariff Order for 2020-21 and 2021-22 - vide para 6.4.4	5295	Para 6.4.4, Page 101 of the Tariff Order dated 1 August 2022
13.	Closing Balance for 2020-21	390771	13 = 10+11-12
14.	Average Balance	333840	14 = (10 + 13)/2
15.	Interest on Temporary Accommodation @ 9.03% (actual rate of interest) on the average balance above	31594	15=14*9.03%
16.	Interest on Temporary Accommodation arising out of pandemic as per Para 11 (c) of WBERC Order No SM-22/20-21 dated 06.05.2020	1472	
17.	Interest due to the impact of additional levy loan	8097	44 = 45 - 43
18.	Interest on Temporary Accommodation prayed for through the Supplementary Petition (Form 1.17 (a))	41164	From Form 1.17 (a)

Movement of Temporary Accommodation arising from orders of the Hon'ble West Bengal Electricity Regulatory Commission and Petitions submitted by the Petitioner

Particulars	Rs. Lakhs																					
	TO 2011-12	APR 2011-12	TO 2012-13	TO 2013-14	APR 2012-13	TO 2014-15	TO 2016-17	APR 2013-14	APR 2014-15	APR 2015-16	APR 2016-17	APR 2017-18	APR 2018-19	APR 2019-20	TO 2018-19	TO 2019-20	TO 2020-21	TO 2021-22	APR 2020-21	APR 2021-22	APR 2022-23	Total
Arrear				203	11573			38274														50050
Recovery 13- 14	-12404		-3661	-66																		-16131
31.03.14	21468	11921	-	137	11573	-	-	38274	-	-	-	-	-	-	-	-	-	-	-	-	-	83373
Arrear						15824			-9697													6127
Recovery 14-15	-11139	-11000		-137		-3043																-25319
31.03.15	10329	921	-	-	11573	12781		38274	-9697	-	-	-	-	-	-	-	-	-	-	-	-	64181
Arrear																						-11880
Recovery 15-16	-10329	-921			-7000	-12781																-31031
31.03.16	-	-	-	-	4573	-	-	38274	-9697	-11880	-	-	-	-	-	-	-	-	-	-	-	21270
Arrear							6311						11327									17638
Recovery 16-17					-4573		-3965															-8538
31.03.17	-	-	-	-	-	-	2346	38274	-9697	-11880	11327	-	-	-	-	-	-	-	-	-	-	30370
Arrear																						11695
Recovery 17-18							-2346															-2346
31.03.18							-	38274	-9697	-11880	11327	11695			-	-	-	-	-	-	-	39719
Arrear																						144164
Recovery 18-19																						-22545
31.03.19																						161338
Arrear																						116025
Recovery 19-20																						-455
31.03.20																						276909
Arrear																						108567
Recovery 20-21																						5295
31.03.21																						390771

1.17 (b) Interest on Working Capital

<i>Particulars</i>		<i>2020-21 Rs. Lakhs</i>
	Working Capital	
A.	Gross Sales	787724
B1.	Less : Depreciation including Advance Depreciation	50965
B2.	Less : Deferred Revenue Expenditure	-
B3.	Less : Return on Equity	70037
B4.	Less : Bad Debt	4024
B5.	Less : Reserve for unforeseen exigencies	-
B6.	Less : Security Deposit for the year	9579
B.	Total Deductions : (sum B1:B6)	134605
C.	Allowable Gross Sales for Working Capital	653119
D.	Allowable Working Capital @ 10% on C (A - B)	65312
E.	Interest rate - (Actual Contractual rate 9.03%)	9.03%
F.	Interest on Working Capital (E % on D)	5898

Note :

Please refer to Note 3(e) on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17". Actual contractual rate has been applied since it is lower than the norm "1 year SBI MCLR plus 350 basis points". (1year MCLR as on April 2019 stood at 8.50% plus 350 basis points equates to 12.00%, 1 year MCLR as on April 2020 stood at 7.75% plus 350 basis points equates to 11.25%). Certificate on SBI MCLR has been placed in the Appendix.

1.17 (c) Other Finance Charges

<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
Front End Fees / Arrangement Fees for loans and Bank facilities including charges for other services	837
Bank Charges for Cash Management Services	183
Other Miscellaneous Finance Charges	67
Overall	1087

Note :

Necessary certificates have been placed in this petition certifying the actual expenditure for 2020-21. It is respectfully submitted that Other Finance Charges are not necessarily directly related to avilment of loan facilities / capex but are also related to various other factors e.g. fees and expenses incurred during disbursement of new term / working capital loans or during restructuring of loans. It is submitted that the financing charges include cash / cheque pick-up charges which are an integral part of banking services all across the country and accordingly included in other finance charges.

1.17 (d) Foreign Exchange Rate Variation (FERV)

2020-21	Amount of loan Repaid in Foreign Currency	Actual Repayment Rate	Original Rate of Drawal	FERV for the year
	(1)	(2)	(3)	(4) = 1X(2-3)
	USD in Million	Rs./ USD	Rs./ USD	Rs. in Lakhs
NA				

1.17 (e) Advance against Depreciation (AAD)

<i>Particulars</i>	<i>2020-21</i> <i>Rs. Lakhs</i>
1. Total Allowable Repayment of Loan during the year	50965
2. 1/10th of original loan amount net of disallowed loans, if any	55155
3. Maximum permissible amount of loan repayment restricted to 1/10th of original admitted loan	50965
4. Depreciation as per Form B	42515
5. Allowable Advance against depreciation (3-4)	8450

1.17 (f) Insurance Premium Payable

<i>Particulars</i>	<i>2020-21</i> <i>Rs. Lakhs</i>
Plant & Machineries - Direct	1328
Others	543
Overall	1872

Note :

While taking the insurance policies and finalizing the premium therefor, the Company has obtained quotations from different insurance companies and evaluated the same keeping in mind the overall risk involvement, as envisaged in the Regulations and settled the premium for the year on the basis of the most competitive offered quote and keeping in mind the continuity of the cover. Copies of such quotes are annexed to this Petition. The same has been duly incorporated in Form 1.12 and Form 1.15. The above Insurance Premium is the lowest amongst all the quotations received. Ancillary Insurances are taken by the Company based on its claim experience.

1.17(g) Interest Credit

<i>Particulars</i>	<i>2020-21</i> <i>Rs. Lakhs</i>
1. Depreciation as per Form B	42515
2. Repayment as per Form C	50965
3. Excess Fund created (1-2, if 1>2)	NIL
4. Weighted average rate of interest of existing loan	NA
5. Interest Credit	NA

Attachment to Form 1.17 (e)

Items	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Admissible Loan Repayment	26514	27863	27124	33974	36550	44975	42228	42628	43873	51699	59340	52409	49727	50965
Admissible Depreciation	16787	17375	20431	25848	28051	29701	32925	33359	35951	39133	41101	42019	41220	42515
AAD	9727	10288	6893	8126	8499	15274	9303	9267	7922	12566	18239	10390	8507	8450
Cumulative Loan Repayment	52924	80587	107711	141685	178235	223210	265438	308064	351937	403636	462976	515385	565112	616077
Cumulative Depreciation	32581	49956	70387	96235	124286	153987	186912	220271	256222	295355	336457	378476	419696	462211
Cumulative AAD	20343	30631	37324	45450	53949	69223	78526	87793	95715	108281	126520	136910	145417	153867
Cumulative Depreciation + AAD less Repayment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reference in respective APR orders/ Petitions, as applicable	pg 13	pg 21	pg 21	pg 23	pg 32	pg 24	pg 59	pg 62	pg 50	pg 62	pg 43	pg 73 - Vol-2- petition	pg 72 - Vol-2- petition	1.17 (e)

Category	Sl. No	Particulars	2020-21 Rs. Lakhs
A		Expenditure	Own Employees
	1	Salary and Wages	
		a Basic Pay	39937
		b Dearness Allowances	3915
		c Other	40443
	2	Funds for retirement	
		Gratuity	5585
		Company's contribution to PF	5280
		Company's contribution to Pension Scheme	1018
	3	Statutory Bonus and Ex-Gratia	485
4	Leave encashment	3277	
5	LTA	916	
6	Employee welfare expenditure	3918	
		Gross employee cost	104772
7	Allocated/transfer to capital account etc.	12151	
B	Contribution for shortfall in interest of Provident Fund, if any		
C	Production / Performance Incentive to Employees		
D	Net own employee cost		92621
E	Number of Personnel as at 31 March, 2021		7377

Notes :

- The Company does not pay any production incentive or performance incentive which is linked with the operational performance of any generating station / distribution / selling activity. Certain portion of remuneration agreed through the Memorandum of Settlement (MoS), is paid to ensure individual attendance/productivity, adherence to job norms etc. and is embedded in employee cost.
- Director's fees and expenses amounting to Rs 73 lakhs not shown above; the same has been included in Form E under Own Employee Cost.
- Please refer to Notes under Form 1.12 and Note 2 under Form 1.15 with respect to contractors' employees.
- 940 employees are engaged in operative generating stations (611 in Budge Budge, 325 in Southern and 4 in Titagarh), 4557 employees are engaged in Distribution, 1500 employees are engaged in Selling, and the balance 380 employees are considered under Centrally Maintained expenditure.
- Medical expenses relating to Covid-19 are not specifically included in this Petition other than hospitalisation and such expenses will be claimed in APR Petition of subsequent year, taking into consideration the expenses for first & second wave and employee vaccination together.

Form 1.17(h): Break-up of Contractual Employee Cost - Generating Station

Category	Sl. No	Particulars	Budge Budge Generating Station Rs. Lakhs	Southern Generating Station Rs. Lakhs
A		Expenditure		
	1	Salary and Wages		
	a	Basic Pay	1144	322
	b	Dearness Allowances		
	c	Other Allowances	2365	304
	2	Funds for retirement		
	a	Gratuity	57	16
	b	Company's contribution to PF, ESI and terminal benefits	186	52
	c	Company's contribution to Pension Scheme		
	3	Statutory Bonus and Ex-Gratia		
	4	Leave encashment	3	1
	5	LTA		
	6	Welfare expenditure	296	83
	7	Others-		
	a. Work Implements	99	28	
	b. Service Charge including taxes	1383	269	
		5533	1075	
B		Contribution for shortfall in interest of Provident Fund, if any		
C		Production / Performance Incentive to Employees		
D		Contract Manpower cost	5533	1075
E		Number of Personnel as at 31 March 2021	751	284

Notes:

1. For Budge Budge Generating Station, contract manpower cost stood at Rs 7.37 Lakhs/Man (5533/751) and for Southern Generating Station, contract manpower cost stood at Rs 3.79 Lakhs/Man (1075/284)

2. For Budge Budge Generating Station, at Normative Man/MW ratio of 1.58, the allowable number of employees is 1185 for 3 x 250 MW, of which own employees are 611 and allowable contractual manpower numbers are 574 for 2020-21. The claim works out to Rs. 4229 lakhs (574*7.37) in terms of normative manpower of 1.58 per MW.

For Southern Generating Station, at Normative Man/MW ratio of 3.50, the allowable number of employees is 473 for 2 x 67.5 MW, of which own employees are 325 and allowable contractual manpower numbers are 148 respectively for 2020-21. The claim works out to Rs. 560 lakhs (3.79*148) in terms of normative manpower of 3.50 per MW.

Form 1.17(i): Details of Arrear against wage revision

<i>Category</i>	<i>Sl. No</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
A		Expenditure	Own Employees
	1	Salary and Wages	
		a Basic Pay and sundry allowances including sums relating to productivity and other matters	
		b Effect of revised DA scheme	
		c Other Allowances	
	2	Retiral Benefit	
		Contribution to Provident and other funds	
	3	Statutory Bonus and Ex-Gratia	
	4	LTC/ LTA	
5	Leave Encashment		
6	Employee welfare expenditure		
7	Others, if any		
8	Capitalised		
B		Contribution for shortfall in interest of Provident Fund, if any	
C		Production / Performance Incentive to Employees	
		Total own employee cost	
D		Number of Personnel as at 31 March	

Note :

Not applicable for 2020-21

Form 1.17(j): Statement of penalty / fine / cess etc.

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Companies Act, 2013				
Environmental (Prevention) Act, 1986				
Income Tax Act, 1961				
Electricity Act, 2003				
Others				

Note :

The Company has not incurred any penalty / fine during the year ended 31 March 2021 to the best of its knowledge.

Form 1.17(k): Cost of outsourcing

Heads	2020-21 Rs. Lakhs			Comment
	Manpower related	Hiring of Vehicle	Others	
a) Administration & General Expenses				From Audited Accounts and Auditors' Certificate. (please see the note below)
i) Call Centre			1345	
ii) Consumer communication expenses			215	
b) Repair & Maintenance Expenses				
Total			1560	

Note :

A State-of-the-Art Call Centre has been established by the Company in terms of applicable Regulations of the Hon'ble Commission. Apart from dealing with consumers' complaints on supply interruptions, it is equipped to handle pilferage complaints as well. Acknowledging the fact that this is a major consumer interface round the clock, the Company has also taken steps to ensure quality technology for the call centre to properly handle consumer requirements. Associated consumer communication exercise was adopted for a seamless information experience. Details have been furnished in the Submission Text and shown separately in Auditors' Certificate annexed with this Petition.

Reconciliation Statement - Annex 1 and Annual Accounts

Rs. Lakh

Depreciation	
Depreciation as per A/cs	46,274
Add/Less: IndAS Adjustment on Depreciation nullified	(2,663)
Less: Depreciation on Coal Mine	(649)
Less: Depreciation on Leasehold land Balagarh	(14)
Less: Depreciation on Merged Companies	(18)
Less: Depreciation on Assets Sold	(416)
	42,515
Figure in Form E	42,515

Rent & Lease Rent	
Rent & Lease Rent as per A/cs	1,030
Add/Less: IndAS Adjustment on Rent nullified	2,929
Less: Rental expenses not claimed	-
Less: Rent of Merged Companies	(10)
	3,950
Figure in Form E	3,950

Employee Benefits	
Employee Cost as per A/cs	89,995
Add/Less: IndAS Adjustment of Other Comprehensive Income nullified	4,013
Add/Less: IndAS Adjustment of Employee Loan nullified	-
Less: Non-licensed Business	(1,296)
Less: Employee Cost of Merged Companies	(90)
Add: Directors fees	73
Less: Covid 19 Pandemic Expenses	-
	92,694
Figure in Form E	92,694

Finance Cost	
Finance Cost as per A/cs	50,168
<u>Add/Less: Indi's Adjustment nullified</u>	
Amortisation of Front End Fees	(632)
Unamortisation of Front End Fees	1,084
Interest on Decommissioning Liability	(271)
Minimum Lease Obligation	(1,248)
	49,101
Less: Other Finance Charges considered separately	(131)
Less: Merged Companies finance costs	(117)
Add: Normative Interest	(0)
Less: Interest on Revenue Account loan	(26,702)
Interest on Capex loans	22,151
Interest on Working Capital	5,898
Interest on Temporary Accommodation	41,164
	69,212
Figure in Form E	69,212

Form 1.18 : Original Cost of Fixed Assets

Ref.	Particulars	2020-21 Rs Lakh
1.	Generating Assets	
	<i>Station wise</i>	
	Budge Budge	372128
	Southern	28230
	Titagarh	31132
	Total	431490
2.	Transmission Assets	-
3.	Distribution Assets	1030138
4.	Metering Assets	54993
5.	Others	24634
	Total Original Cost of Assets (1+2+3+4+5)	1541255
6.	Total (1+2+3+4+5-6)	1541255

Notes:

- The particulars furnished above represent those relating to assets in use as on 31 March, 2021 and accordingly, do not include details in respect of Capital Works in Progress, which have been dealt with in Form 1.18 (a). The Generating Assets have been classified above as assets upto Station Bus bar and shown separately for respective generating stations.
- (a) The Company does not have transmission line in terms of the provisions of the Electricity Act, 2003. Accordingly, "high pressure cables and overhead lines" which are an essential part of the distribution system have been shown under Distribution Assets above.

Form 1.18 : Original Cost of Fixed Assets

Such distribution assets comprise overhead and underground 220kV, 132kV, 33kV, 20kV, 11kV, 6kV and 3.3kV lines (together with the towers, poles and fixtures), power transformers at receiving stations and distribution stations together with switchgear and other substations equipment, HV consumer/ feeder switches, Capacitor Banks, Ring Main Units, land and building housing such distribution assets, distribution transformers (as Pole Transformers, Outdoor Transformers and in Transformer houses) with downstream 400V distributor mains and service lines connecting the consumers therefrom.

(b) However, original cost of meters and other apparatus at consumers' premises have not been clubbed with the above category of Distribution Assets, but separately disclosed as Metering Assets.

3. Certain assets, mainly office buildings, vehicles, furniture, computer installations including central SCADA etc. which are used across the Company for various activities including billing and collection, have been shown under a separate heading as 'Others'.
4. Although certain assets of the Company were revalued by approved valuer from time to time, the effect of such revaluation has not been considered for the purpose of tariff determination on a consistent basis. Accordingly the above original cost of fixed assets are based on historical cost and do not include the effect of revaluation.
5. The original cost of fixed assets procured out of the proceeds of foreign currency borrowings have been shown as such without considering the effect of variation in exchange rate on repayment / restatement of the underlying foreign currency loans, as per consistent practice.
6. Pursuant to the adoption of Ind AS, contribution from consumers for the year has been offered in Form 1.26 - Other Income. This is in line with the accounting adopted in the audited accounts of the Company in terms of IndAS.
7. The following table depicts the movement in Fixed Assets :

Particulars	2020-21 Rs lakh
Opening Balance	1500122
Addition to Fixed Assets	43837
	1543959
Normal Retirement of Assets	(-) 2704
Closing Balance	1541255

Form 1.18 : Original Cost of Fixed Assets

8. Activity-wise details of additions / deletions to Fixed Assets during the year 2020-21 is as follows:

Ref.	Particulars	Addition Rs. Lakh	Retirement Rs. Lakh	Net Addition Rs. Lakh
(1)	Generation Assets			
	<i>Station wise</i>			
	Budge Budge	2613	(-) 414	2199
	Southern	16	(-) 1	15
	Titagarh	-	(-) 146	(-) 146
	Total	2628	(-) 561	2068
(2)	Transmission Assets	-	-	-
(3)	Distribution Assets	37895	(-) 1162	36733
(4)	Metering Assets	2047	(-) 783	1264
(5)	Other Assets	1266	(-) 198	1068
	Total Original Cost of Assets (1+2+3+4+5)	43837	(-) 2704	41133

Note: In Para 5.16.3 of the MYT Order, the Hon'ble Commission stated that figures as per audited accounts will be considered during the APR stage. The above figures are from the statutory audited records of the Company and the Company respectfully prays for allowing the same. Details of asset added during the year have also been placed in Volume 4, Page 227 to 256 of this Petition.

Addition to fixed asset in Generation function takes place for refurbishment / repair of assets, technology adoption / upgradation, environment, safety and security purposes, explained in more detail later in this petition. For distribution function, addition to fixed asset took place under small schemes for which separate approval of the Hon'ble Commission was not necessary. Gross addition to fixed asset as per MYT Order is Rs. 45394 lakhs (as derived from column 4 of table under para 5.16.2 of the MYT Order, retirement of asset amounting to Rs. 2700 lakhs as per MYT petition submitted on 10.09.2020 and consumer contribution of Rs. 6000 lakhs as per serial No. 3 of table under para 5.26.1 of the MYT Order). The aforesaid amount along with deferment of Rs. 2298 Lakhs in Generation and Rs. 11552 Lakhs in Distribution to the APR stage (in terms of para 5.16.3 of the MYT Order) results in estimated addition to fixed asset of Rs. 59244 lakhs. Against this, audited actual addition to gross fixed asset is a lower figure of Rs. 43837 lakhs.

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

Ref.	Particulars	2020-21 Rs Lakh
1.	Opening Balance	11559
2.	Add: Capital Expenditure for the year [as per Form 1.19(a)]	41846
3.	Less : Amount transferred to Fixed Assets	43837
4.	Closing Balance	9568

Form 1.18(b) : Intangible Assets

Ref.	Particulars	2020-21 Rs. Lakhs
1.	Cumulative Opening Balance (Gross)	-
2.	Cost incurred during the year	-
3.	Gross Intangible Asset at the end of the year (1+2)	-
4.	Cumulative Amount written off at the beginning of the year (together with adjustment of earlier years)	-
5.	Amount written off during the year	-
6.	Cumulative amount written off at the end of the year (4+5)	-
7.	Cumulative Closing Balance (Gross) (3-6)	-

Form 1.18(c)(i) : Investments

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
1.	Investment made out of appropriation to Reserve for Unforeseen Exigencies from 2006-07 to 2019-20	27910
	Total	27910

Note :

Investments shown above include investments actually made upto the year 2020-21, other than from profit or equity issue proceeds for other business.

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

<i>Ref.</i>	<i>Particulars</i>	<i>2020-21 Rs. Lakhs</i>
	Income on Investment made out of appropriation to Reserve for Unforeseen Exigencies from 2006-07 to 2019-20	1950
	Less: Appropriation towards Net Amphan Damage Expenses in terms of para 5.29 of the MYT Order dated 01.08.2022	(658)
	Total	1292

Note :

Income from investment made out of appropriation to Reserve for Unforeseen Exigencies has been re-invested on a gross basis and the adjustment towards Amphan Damage will be made in subsequent MYT/APR Petitions in terms of the directions of the Hon'ble Commission.

Form 1.19(a) : Capital Expenditure

Rs in Lakh

Ref	Particulars	2020-21
	General Capital Expenditure	
1.	Generation Capital Expenditure	
	Station wise	
	Budge Budge	1954
	Titagarh	-
	Southern	21
	Overall Generation Capital Expenditure	1975
2.	Transmission Capital Expenditure	-
3.	Distribution (General) Capital Expenditure	33398
4.	Others	1883
5.	Special Distribution Projects	4590
	Overall Distribution Capital Expenditure (3+4+5)	39871
	Total Capital Expenditure (1+2+3+4+5)	41846

Notes :

- Capital expenditure for the year 2020-21 shown above has been arrived at duly considering the effect of allocation of various expenses.
- "Others" under "General Capital Expenditure" represent capital expenditure incurred mainly on office buildings, vehicles, furniture, computer installations and systems control.

Form 1.19(b) : Overall Capital Expenditure

Ref	Particulars		2020-21 Rs. Lakh As per Petition
	General capital expenditure		
(a)	Generation capital expenditure		
	Budge Budge Generating Station		2136
	Titagarh Generating Station		-
	Southern Generating Station		162
	Total generation capital expenditure	A	2298
(b)	Transmission capital expenditure	B	-
(c)	Distribution (General) capital expenditure		
	Meters		2276
	AMI System		
	House Service connections		5693
	MCB		720
	Street Light Metering		200
	Power Factor Controllers and other Power Loss prevention activities		-
	MV Mains		12929
	Aerial Bunched Cables		3348
	HVDS		-
	Network formation with Co-Axial cable in theft-prone areas and specially designed modified pillar box for theft-prone areas		1500
	Distribution Transformers (Inc. Refurbishment)		2508
	Modified Pillar Box		800
	DTR Metering with AMR		53
	Model Distribution Area Network		-
	Distributed Power Capacitor-HV		-
	HV Switchgear		755
	HV Mains (6/11 kV level)		5875
	11kV Network Upgradation		-

Form 1.19(b) : Overall Capital Expenditure

Ref	Particulars		2020-21 Rs. Lakh As per Petition
	Replacement/Retrofitting & Extension of 6/11 KV Switchboards at Distribution Stations		330
	Fire Fighting equipment at existing Distribution stations		670
	132kV and 33kV Capacitor bank at S/S		-
	New / capacity augmentation at distribution stations and 33kV GIS at distribution stations		2435
	Mains Network Reorganisation (33 kV and above)		1715
	Replacement of old and outlived 33/6kV Transformers		540
	Fire Fighting equipment at existing Receiving & Substations		250
	Distribution Automation augmentation/replacement jobs		1200
	Miscellaneous capital expenditure		2547
	Distribution (General) capital expenditure	C	46344
(d)	Other capital expenditure	D	6400
(e)	Special Distribution projects	E	7700
(f)	Overall Distribution Capital Expenditure	F = C + D + E	60444

Form 1.19(b) : Overall Capital Expenditure

Ref	Particulars		2020-21	Summary
			Rs. Lakh Actuals	
	General capital expenditure			
(a)	Generation capital expenditure			
	Budge Budge Generating Station		1954	Technology / process upgrade Environmental compliance, Generation capability sustenance
	Titagarh Generating Station		-	
	Southern Generating Station		21	Sustaining reliability, Technology Upgrade
	New Cossipore Generating Station		-	
	Total generation capital expenditure	A	1975	
(b)	Transmission capital expenditure	B	-	The Company does not have transmission lines in terms of the provisions of the Electricity Act, 2003 as its "high pressure cables and overhead lines" are an essential part of the distribution system
(c)	Distribution (General) capital expenditure			
	Meters		1730	New supplies / replacement / metering for distributed generations/ smart metering / improved accuracy /technology advancement - Jobs(smart metering etc.) deferred
	House Service connections		6632	New supplies (excluding cost of meters), strengthening of services - No. of new services are more than the estimate.
	MCB		591	Around 28000 MCBs for Existing and New Services - to provide operational safety and improve customer services
	Street Light Metering		94	For metering unmetred street light supplies
	MV Mains		8961	New supplies/ extension of load for existing consumers/ network reinforcement and upgradation to improve security of supply - Jobs deferred (reinforcement and upgradation jobs)
	Aerial Bunched Cables		267	Conversion of LT O/H lines by ABC- Jobs deferred
	Network formation with Co-Axial cable, specially designed modified pillar box, Distribution Zone formation in theft-prone areas		1435	For controlling losses in theft prone areas
	Distribution Transformers (Incl.Refurbishment)		1912	Meeting load growth and improving security of supply - Jobs deferred
	Modified Pillar Box		394	Improving operational safety- Jobs deferred
	DTR Metering with AMR		6	For better monitoring of DTR - almost 100% DTRs are metered
	HV Switchgear		358	Meeting load growth, Network reinforcement / reorganisation to sustain security of supply and enhance operational flexibility - Jobs deferred
	HV Mains (6/11 kV level)		5357	Meeting load growth, Network reinforcement / reorganisation to sustain security of supply and enhance operational flexibility.
	Replacement & Extension of 6/11 KV Switchboards at Distribution Stations		136	Reduction of fire hazard, provision of additional feeder for meeting load growth - Jobs deferred

Form 1.19(b) : Overall Capital Expenditure

Ref	Particulars		2020-21	Summary
			Rs. Lakh Actuals	
	Fire Fighting equipment at existing Distribution stations		491	For Upgrading/providing fire fighting equipment at existing Distribution Stations - Few jobs deferred
	New / capacity augmentation at distribution stations and 33kV GIS at distribution stations		1470	Meeting load growth, Sustaining security of supply, Network flexibility
	33kV Mains Network Reorganisation		1403	Meeting load growth & Network reinforcement
	Replacement of old and outlived 33/6kV Transformers		-	Jobs deferred
	Fire Fighting equipment at existing Receiving and EHV Substations		51	For Upgrading /providing fire fighting equipment at existing EHV Substations -Some Jobs deferred
	Distribution Automation augmentation/replacement jobs		650	Improving reliability of existing SCADA/RTU/Communication Systems - Jobs deferred
	Miscellaneous capital expenditure		1461	Includes UPS, Battery, battery charger, communication equipment, RTU SCADA, Optical Fibre Cable, testing / diagnostic / laboratory equipment, precision metering equipment, condition monitoring equipment, miscellaneous civil works in Distribution station buildings, old and burnt equipment replacement etc. - expenditure contained - Jobs deferred
	Distribution (General) capital expenditure	C	33398	
(d)	Other capital expenditure	D	1883	Includes Construction of New Control Centre at Golf Green, Back-up Control Room (Load Despatch Centre), computer peripherals, hardware and software, vehicles, Office buildings renovation, furniture, office equipment - Jobs deferred
	Special Distribution projects	E	4590	Includes activities viewed as special projects towards major facility-creation for bulk power transfer from sources to load centres and to improve reliability of supply-kindly see note below
	Overall Distribution Capital Expenditure	F=C+D+E	39871	

Details are furnished in subsequent Notes.

Form 1.19(b) : Overall Capital Expenditure**Notes:**

1. In terms of Regulation 2.8.2.3 of the Tariff Regulations, capital expenditure can be taken up in small schemes if the project cost is within Rs. 125 crores. Moreover, capital expenditure for providing new connection also is to be taken up without prior approval of the Hon'ble Commission in terms of Regulation 2.8.4.1 (ii) of the Tariff Regulations. Capital expenditure undertaken by the Company is adequately covered under these Regulations.
2. The Company incurred much lower capital expenditure towards strengthening of distribution network due to reasons explained earlier. In order to supply quality power to the consumers as well as for faster restoration of supply in case of outages and to provide safety to the working personnel, the Company is making all efforts, including making investments. Under majority heads the actual expenditure are lower than the estimates, particularly in the area of Metering, MV Mains, Aerial Bunched Cables, HV Mains, Procurement of new Distribution transformers, shown under "Distribution capital expenditure". Generally, the expenditure has been deferred in view of low load demand. The Company incurred higher expenditure under the head 'House Service Connections' than the estimate. Reasons for deviations of expenditure than the estimates are indicated in the above statement. It is also submitted that in a few cases, due to non-availability of suitable plots of land, clearances etc. and also to meet exigencies, there has been some modification in the phasing plan.
3. The Company incurred lower capital expenditure for the generating stations than projected. Capital expenditure was necessary for environmental compliance, generation capability sustenance, adoption of new technology and obsolescence of old technology, improvement of plant reliability and efficiency. The details are provided in the notes below.
4. The Company respectfully prays that deferment of reasonable and prudent expenditure creates hindrance for the Company in taking up prudent practices and ultimately affects the end consumers negatively both financially as well as through inferior service quality.

5. Details of Capital Expenditure for the Budge Budge Generating Station

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
1	Capital Addition / Long term Improvement		
a	Procurement and erection of Unit-3 back pass elements.	211	To reduce the possibility of tube leakages resulting in unit outages, thus enhancing reliability
b	Refurbishment of Primary Super Heater, Forced Flow Section, Reheater Horizontal, Platen Superheater, Final Superheater And Reheater Banks of Unit-1	129	To reduce the possibility of tube leakages resulting in unit outages, thus enhancing reliability
c	Replacement of Switchyard Battery bank	123	Major refurbishment as per OEM recommendation
d	River Bank reinforcement	105	Reinforcement of damaged river bank at the vulnerable area to protect adjacent plant area from soil erosion
e	Buildings repair etc.	81	Repair of Damaged sections after long usage for protection of assets and safety and protection of Boiler structure of Unit-1, Unit-2 and other critical equipment from corrosion and enhancement of life.
f	Revamping of cooling tower fills Unit-1 and Unit-2	63	Revamping to maintain efficiency of the units
g	Bunkers refurbishment of Unit#3	40	Refurbishment against spent life to avoid frequent failure
h	One Cartridge for Unit-3 Boiler Feed Pump (BFP)	31	Refurbishment against spent life
i	Rexroth Actuators (2 nos.) for Steam Stop Valves and Governing Control valves of Unit-3	29	Major refurbishment and calibration as per OEM recommendation
j	Replacement of 132 KV CT	25	Replacement after prolonged continuous operation and as per condition monitoring trends to prevent unforeseen failures
k	Refurbishment of 1no. Dewatering BIN-2A	18	Suffered extensive erosion & corrosion
l	Renewal of AC machines (Phase 6)	10	Phase wise refurbishment against spent life
m	Refurbishment of Underground & Overground Cable Racks (Facelift)	9	For protection of sections damaged due to corrosion after prolonged use

5. Details of Capital Expenditure for the Budge Budge Generating Station

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
2	Obsolescence and Technology absorption		
a	Shifting from Windows XP / 7 to Windows 10 for OT machines with Proprietary software.	98	Upgradation against obsolescence of hardware and software
b	Replacement of Generator Protection Panel Relays of Unit-1 and Unit-2	73	Upgradation against obsolescence
c	DCS Upgradation of I/O modules	72	Upgradation against obsolescence of hardware and software
d	Automated ash weightment system	26	For technology absorption and enhanced accuracy of measurement.
e	Upgradation of QUAD Controller for Conveying Compressor	19	Upgradation against obsolescence
f	Unit-1 and Unit-2 CT Fan vibration probe installation	18	Upgradation will enable equipment to come under supervision of Remote Monitoring System and facilitate shift from schedule based maintenance to condition based maintenance
g	EHG/SAM/AVR/TSE Upgradation	15	Upgradation against obsolescence of hardware and software
3	Improvement of Reliability & Efficiency		
a	HP Turbine overhauling of Unit-3	209	For major refurbishment and enhancement of reliability as per recommendation of OEM M/s BHEL
b	Complete PF assembly (Coal burner panel) renewal	134	Improvement of Reliability & Efficiency after prolonged continuous operation
c	Remote monitoring system of BBGS	133	Enhancement of reliability by use of advanced data analytics to predict possible failures
d	Replacement of Unit-1, Unit-2 and Unit-3 High energy drain valves	52	To arrest energy loss from defective valves
e	Procurement of Spares of Unit-1 HP Steam Chest	48	For enhanced reliability after prolonged continuous operation
f	Installation of VFD in Overflow Transfer Pumps	28	For enhanced Energy efficiency
g	Installation of VFD in Service water pump	27	For enhanced Energy efficiency
h	Procurement of energy efficient Cooling Tower fan blade assembly	21	For enhanced Energy efficiency
i	CGL 132 KV breaker pole overhauling and procurement of 1 complete gang operated breaker.	18	For enhanced reliability after prolonged continuous operation
j	Renewal of Unit-3 Drum Safety Valve	13	To arrest energy loss from defective valves

5. Details of Capital Expenditure for the Budget Generating Station

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
4	Safety & Security		
a	Enhancement of security system	44	To ensure safety and security
b	Remote operation of RDM	22	To ensure safety & improved working environment for operating personnel and better monitoring and control of coal flow rate
c	CCTV Cameras	10	Upgradation to IP based cameras to guard against obsolescence and to continue remote monitoring
	Grand Total	1954	

6. Details of Capital Expenditure for Southern Generating Station

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
1	Replacement/Refurbishment		
a	Infrastructure development with procurement of energy meters for reinforcement of online energy monitoring system at SGS.	5	Compliance with requirement of ABT meters
b	Refurbishment of submersible drinking water pump along with the water tank at turbine house roof	5	Replacement of corroded water tank and improved performance of pump
2	Improvement of Reliability & Efficiency		
c	Replacement of station battery bank 1	2	Damaged and failure prone battery bank needs replacement as per OEM recommendation
3	Safety & Security		
a	Replacement of damaged illumination tower (Lattice type) at FHP coal stock yard	8	For safety & security
	Grand Total	21	

Form 1.19(b) : Overall Capital Expenditure**Notes:**

7 Actual capital expenditure in the year 2020-21 in respect of various special projects are given below:-


Sl.No.	Particulars	Expenditure (Rs.Lakh)	Remarks
1	Majerhat sub-station ("S/S") - 33 kV GIS	16	Some remnant work for 11- Panel 33kV GIS Commissioned in 2019-20
2	Prinsep Street S/S	111	Some remnant work for 132kV GIS (9 -Panel) commissioned in 2019-20 - 160 MVA T2 commissioned in FY22
3	Majerhat S/S - Replacement of 50 MVA Transformer with 75 MVA Transformer	707	To replace old and outlived transformer and enhance capacity, commissioned in FY21
4	Kasba Receiving Station - 33kV GIS	1272	Major jobs completed in FY21
5	EM S/S (South)-220kV, 132kV, 33kV GIS	779	Major jobs done in FY21
6	EM S/S (South) - 200 MVA T2	330	200 MVA T2 commissioned in FY22
8	220KV bay extension at WBSETCL Kasba S/S (Deposit work)	205	To facilitate 2nd inlet at 220kV from WBSETCL Kasba
9	Bantala Bamunghata overhead to underground	16	Small modifications in outdoor area
11	WBSETCL (Liluah) - CESC (Belur Receiving Station) : underground cabling	856	Job undertaken to replace old, outlived and faulty Gas Filled cable, commissioned in FY21
12	Addition / Refurbishment of Misc. Outdoor / Indoor Equipment at existing Receiving Stations and Substations and misc. cabling	297	
		4590	

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		Reasons for variation	Estimated Target date of completion	Estimated Project Cost	Base Year	Ensnuing Year			Expenditure to be applied beyond Control period
		Target date of completion	Original Project Cost	Target date of completion	Original Project Cost			Actuals	As approved by the Commission					one	Two	Three	
(a)	Projectwise Generation Capital Expenditure																Projected
(b)	Transmission Capital Expenditure																
(c)	Distribution Capital Expenditure																
	Overall Capital expenditure (a+b+c)																

Note :

With commercial operation of Budget Budge Unit 3 in 2009-10, the Company is presently not undertaking any Project necessitating separate Investment Plan approval.


COMPANY SECRETARY
CESC LIMITED

Form 1.20(a) : Equity Base

Sl. No.	Particulars	Basis	2020-21 Rs. Lakhs
1	Actual Equity Base at the beginning of the year		830398
2	Admissible Equity Base at the beginning of the year		425687
3	Actual addition to Equity Base during the year		17308
4	Actual Equity Base at the end of the year	4=(1+3)	847706
5	Net addition to the original cost of fixed assets during the year (vide submission in Form 1.18)		41133
6	Less : Asset created in terms of Regulation 5.15.1(iv) of the Tariff Regulations		808
7	Net addition to original cost of fixed assets during the year other than assets created in terms of Regulation 5.15.1(iv) of the Tariff Regulations		40325
	Normative Equity %		30%
8	Normative addition to Equity Base	8=(30% of 7)	12098
9	Addition to Equity base considered for the year	lower of 3 and 8	12098
10	Add : Asset created in terms of Regulation 5.15.1(iv) of the Tariff Regulations		808
11	Addition in Equity Base during the year for the purpose of computation of return	11=(9+10)	12906
12	Admissible Equity Base at the closing of the year	12=(2+11)	438593
13	Average Admissible Equity Base for allowing returns	13=(2+12)/2	432140

Notes :

- Figure under Item 1 is on the basis of the Supplementary Petition for 2019-20
- Equity contribution under item 11 above include proceeds from one time sale of assets of Rs. 808 lakhs invested in creation of new assets in the electricity business of the Company in terms of Regulation 5.15.1 (iv) for which no depreciation has been claimed in terms of the above Regulation - please refer to item (iv) in Form 1.15.
- Equity position (Rs. Lakhs) of Generation and Distribution Business over the years are shown below:

Particulars	Basis	2020-21
Generation Business		
Equity Base at beginning of the year	1	126324
Equity addition during the year	2	620
Equity Base at end of the year	3 = 1 + 2	126944
Distribution Business		
Equity Base at beginning of the year	4	299363
Equity addition during the year	5	12285
Equity Base at end of the year	6=4+5	311649

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

Sl. No.	Particulars	Derivative	2020-21 Rs. Lakhs
1	Opening gross normative debt	A1	11869
2	Less: Cumulative repayment of normative debt upto previous year	A2	11869
3	Opening net normative debt	$a = A1 - A2$	0.00
4	Actual addition to Debt towards Routine Capital Expenditure for the year	b	29292
5	Addition to the fixed assets during the year	c	41846
6	Normative Debt %	$d = 70\%$	70%
7	Normative addition to Debt for the year	$e = c \times d$	29292
8	Addition to Debt for the year to be considered to ARR	$f = \text{higher of } b \text{ and } e$	29292
9	Additional Gross Normative Debt during the year	$G1 = f - b$	-
10	Repayment of normative debt during the year	G2	-
11	Net additional gross normative debt during the year	$g = G1 - G2$	-
12	Closing balance of net normative debt [i.e. closing gross normative debt (B1) over cumulative repayment of normative debt upto the end of the year (B2)]	$h = a + g$	0.0
13	Average balance of net normative debt	$i = (a + h) / 2$	0.0
14	Weighted average rate of interest (actual average interest rate of Capex Loan)	j in %	8.42%
15	Allowable interest on normative debt	$k = i \times j$	0.00
16	Closing gross normative debt	$B1 = A1 + G1$	11869
17	Cumulative repayment of normative debt upto the end of the year	$B2 = A2 + G2$	11869

Form 1.21: Special Allocations

Ref.	Particulars	2020-21 Rs. Lakhs	Comments
	<i>Special Allocations</i>		
(A)	Appropriation to Reserve for unforeseen exigencies	1950	Please refer to Note below and Form 1.18 (c) (ii)
	Less: Appropriation towards Net Amphan Damage Expenses in terms of para	(658)	
		1292	
	Less: Interest to be reinvested and appropriated	(1292)	
(B)	Others		
	Total		

Notes :

1. In accordance with the Regulations and Orders the Company has not appropriated / claimed any sum towards Reserve for unforeseen exigencies other than Interest on the invested sums, which has been ploughed back.

2. The net expenses of Rs 658 lakhs has been adjusted with Income from investment made out of appropriation to Reserve for Unforeseen Exigencies as per Para 5.29 of the MYT Order dated 01.08.2022. The said sum has been re-invested on a gross basis and the adjustment towards Amphan Damage will be made in subsequent MYT/APR Petitions in terms of the directions of the Hon'ble Commission. Above appropriated Gross sum stands invested. The excess Sum of Rs 658 lakhs will be adjusted subsequently. Auditors' Report and Certificate in this respect is enclosed.

Form 1.22 : Return on Equity

Ref.	Particulars	Basis	2020-21 Rs. Lakhs
(1)	Average Equity Base (a)	Form 1.20(a)	432140
(2)	Rate of Return (b)	%	16.21%
(3)	Return on equity (c)	$c=a \times b \times 0.01$	70037

Note :

- Equity position of Generation Assets and Distribution Assets and Return thereon

2020-21

	Total Equity as on 31.3.2020 Rs. Lakhs	Equity for the period 2020-21 Rs. Lakhs	Total Equity as on 31.3.2021 Rs. Lakhs	Average Equity Rs. Lakhs	Return percentage %	Return for 2020-21 Rs. Lakhs
A	126324	620	126944	126634	15.5%	19628
B	299363	12285	311649	305506	16.5%	50408
	425687	12906	438593	432140	16.21%	70037

A= On Generation Assets

B= On Distribution Assets

- Return has been claimed on capitalised assets in accordance with the Tariff Regulations. Equity and the Return Claim on the Non Operative plants has not been considered for the purpose of aforesaid computation.

Form 1.23 : Incentive for Improved Performance

Ref	Particulars	Basis	2020-21 Rs. Lakhs
1.	Incentive in accordance with Para 1 of Schedule 10 of the Tariff Regulations	Detailed Calculation follow (in table 3)	143
2.	Incentive in accordance with Para 3 of Schedule 10 of the Tariff Regulations	Detailed Calculation follow (in table 4)	213
3.	Incentive in accordance with Para 4 of Schedule 10 of the Tariff Regulations	Detailed Calculation follow (in table 5)	266
Total			623

Notes :

1. All the power stations are thermal.

2. **Operating Age of the Stations (as on October, 2020 as per Para 9 of Schedule 10 to the Tariff Regulations)**

Generating Stations	Operating Age	
	Budge Budge	Southern
Age	18.12 years	29.71 years
Category	B	D

Form 1.23 : Incentive for Improved Performance

3.	Calculations in accordance with Para 1 of Schedule 10 of the Tariff Regulations	Unit	Budge Budge	Southern
	Sent out Units from CESC Stations	MU	5003	82
	Target sent out units in accordance with Para 1 of Schedule 10, read with Para B of Schedule 9A	MU	4783	861
	Additional Units	MU	220	(779)
	Units sold, along with permissible losses, to persons other than consumers and WBSUEDCL	MU	155	
	Additional Units net off above	MU	65	-
	Additional PLF %	%	2.5%	-
	Applicable Category as per Regulations		B	D
	Applicable Rate	Paise / Unit	22	
	Amount	Rs Lakhs	143	-
	Overall	Rs. Lakhs	143	

Audited Data on Plant Load Factor (PLF) furnished in the Petition.

4.	Calculations in accordance with Para 3 of Schedule 10 of the Tariff Regulations	Unit	Budge Budge	Southern
	Difference of Oil Consumption Rates in accordance with Para 3 of Schedule 10 of the Tariff Regulations	ml/Kwh	1.15	(4.45)
	Generation net of units used for sales to persons other than own consumers and WBSUEDCL	MU	5328	90
	Applicable Rate	Paise/Unit	0.40	-
	Amount	Rs. Lakhs	213	-
	Overall	Rs. Lakhs	213	

Form 1.23 : Incentive for Improved Performance

5. Calculations in accordance with Para 4 of Schedule 10 of the Tariff Regulations	Unit	Budge Budge	Southern
Design Heat Rate (DSHR)	Kcal/Kwh	2247	2707
Ratio of Station Heat Rate to the Design Heat Rate in accordance with Para 4 of Schedule 10 of the Tariff Regulations		1.01	1.18
Applicable Rate	Paise/Unit	0.50	-
Generation net of units used for sales to persons other than own consumers and WBSUEDCL	MU	5328	90
Amount	Rs. Lakhs	266	-
Overall	Rs. Lakhs	266	

Data are submitted in accordance with the Auditors' Report and Certificate furnished in the petition, Schedule 7A and Para A3(iv), Schedule 9B of the Tariff Regulations.

Form 1.24 : Benefits to be passed on to consumers

Ref.	Particulars	2020-21 <i>Rs. Lakhs</i>	
1	Share of savings arising out of swapping of foreign debt and equity	-	
2	Share of savings arising out of restructuring of capital cost in terms of debt equity ratio during the tariff period	-	
3	Sharing of excess profit over clear profit	-	
4	Sharing of benefit from selling of power to persons other than consumers	176	Please refer to Note 1
5	Sharing of benefit from carbon trading	-	
6	Sharing of benefit from income arising to a generating company from supplying power to any person other than licensee	-	
7	Income from Other Auxiliary Services	-	Please refer to Note 2
8	Income from Other Business	266	Please refer to Notes 3 and 4
	TOTAL	442	

Form 1.24 : Benefits to be passed on to consumers**Notes :****1. Income from Sale of Power to Persons Other than Consumers**

Particulars		2020-21
		Rs. Lakhs
a)	Revenue earnings by way of sales to persons other than the consumers	As per Auditors' Report and Certificate 4478
b)	Expenses related to above	Please refer to Annex A8, Volume 1 of FPPCA Petition 4127
c)	Net Income	(a-b) 351
d)	Benefit to consumers	50% of Revenue 176

The Company proposes to pass Rs. 176 lakhs as share of benefit to the consumers in terms of Regulation 5.15.2 (iv).

Units sold are in accordance with the Regulations.

2. Income from Other Auxiliary Services**Advertisement Income**

Particulars		2020-21
		Rs. Lakhs
a)	Revenue	89
b)	Attributable Cost	117
c)	Net Income	(a-b) (28)
	(From Audited Accounts)	
d)	Benefit to consumers	40% of Net Revenue -

Income from business relating to Auxiliary Services has been shared with the consumers in terms of Regulations 5.15.2 (vii).

Form 1.24 : Benefits to be passed on to consumers**3. Income from Other Business****Consultancy Services**

Particulars		2020-21
		Rs. Lakhs
a)	Revenue	4
b)	Attributable Cost	94
c)	Net Income (From Audited Accounts)	(a-b) (91)
d)	Benefit to consumers	40% of Net Revenue -

Attributable cost for consultancy services do not form a part of Annual Revenue Requirement; revenue has not been shared with the consumers being lower than the cost. The above expenditure in item (ii) above includes employee cost of Rs 83 lakh, not included in Form 1.17(h)

4. User Fee

Particulars		2020-21
		Rs. Lakhs
Revenue	From Audited Accounts	666
Benefit to Consumers	40% of Net Revenue	266

Revenue accruing from commercial usage of certain assets (land usage in Syed Amir Ali Avenue) has been shared with the consumers.

5. Expenses in respect of Items 2 and 3 have not been included under the expense heads detailed in this petition (please refer to the Auditors' certificate). Therefore, further deduction of expenses is not required while arriving at the Aggregate Revenue Requirement for the year.

Form 1.25: Receipts from Sale of Energy

Ref.	Particulars	2020-21 Rs. Lakhs
	Receipts from Sale of Energy	644615

Note :

1. Receipts from Sale of Energy has been furnished in accordance with Orders of the Hon'ble Commission, by extracting the earnings from sale of electricity from the Audited Accounts, with due adjustment for earnings from sale of energy to persons other than own consumers and WBSEDCL including swap-out power and transaction charges of swap-out power and adjustment on applicable fixed cost on account of distribution loss, as detailed below. The Company received subsidy from the Government of West Bengal under the 'Hasir Alo' scheme for the eligible consumers for the year 2020-21. Auditors' Certificate on the subsidy amount disbursed to the consumers has been placed in Annex C26, page 245 of the petition and the same has been duly disclosed for in Form E while arriving at the amount receivable through APR.

Revenue Details

Ref.	Particulars	2020-21 Rs. Lakhs
1.	Earnings from Sale of electricity as per the Audited Accounts	673391
2.	Less : Earnings from sale of energy to persons other than own consumers and WBSEDCL including swap-out power (kindly refer to Auditors' Report and Certificate)	5618
3.	Less: Adjustments on allowable fixed cost for 2020-21 in terms of para C of Schedule 9B of the Tariff Regulations and past APR-FPPCA Orders (Kindly refer to note 3 below)	23366
4.	Add : Contribution for Festival	208
5.	Actual Revenue realised from sale of energy to own consumers and WBSEDCL	644615

2. Aforesaid revenue details would undergo change on the basis of arrear adjustments due to subsuming of MVCA into energy charge vide paragraph 7.2.2. of the MYT Order and consequential effect on rebates and surcharges. The resulting shortfall in APR claim may be prayed for through future petition(s).

3. Share of gain on Distribution Loss saving - Fixed Cost

Particulars	Derivation	Units	2020-21 Rs. Lakhs
Overall Revenue Requirement claimed for 2020-21 (Form E)	A	Rs Lakhs	759972
Sales to own consumers and WBSEDCL for 2020-21 (Form E(A))	B	MU	8943
Rate of sales	$C = A / B \times 10$	Paise/Unit	850
Units saved through reduction of Distribution Loss (page 152 of Supplementary Petition)	D	MU	680
Overall Savings	$E = C \times D / 10$	Rs Lakhs	57778
Less: Consumer Share in terms of Para C, Schedule 9B	$F = E \times 0.25$	Rs Lakhs	14445
Less : Savings already claimed in FPPC Petition (page 152 of Supplementary Petition)	G	Rs Lakhs	19968
Balance Savings on account of fixed cost	$H = E - F - G$	Rs Lakhs	23366

Form 1.26: Income other than sale of Energy

Ref.	Particulars	2020-21 Rs. Lakhs	Comments
A.	<i>Income derived from :</i>		
(i)	Rental of meters and other apparatus hired out	5293	From Audited Accounts. Please refer to Note 1 hereinafter
(ii)	Testing & Reconnection Charges/Sale and repair of lamp etc.	174	
(iii)	Transfer Fees (Service connection fees)		
(iv)	Income from Investments and Bank Balances etc.	(0)	Please refer to Note 2 hereinafter
(v)	Surcharge for Late Payments	5387	From Audited Accounts. Please refer to Note 1 hereinafter
(vi)	Income from jobs at Consumer premises		
(vii)	Wheeling Charges	8	
(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)	Income from Auxiliary Services		
(xiii) (a)	Other General receipts arising from and ancillary or incidental to the business of electricity	5918	From Audited Accounts. Please refer to Note 1 hereinafter
(xiii) (b)	Consumer Contribution	10530	Included in income in terms of Audited Accounts. Please refer to Note 6 in Form 1.18
(xiv)	Shared infrastructure amount		
(xv)	Aggregate realisation from one time sale of assets		
	<i>Sub-Total (i to xiii)</i>	27310	
B.	Net receivable UI Charges for the previous year	-	
	Total	27310	

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

- Income other than sale of energy shown hereinbefore of Rs. 27310 lakhs have been arrived at from the audited accounts duly considering the treatments in terms of applicable regulations / orders(s), as appropriate, of income from certain activities (other than sale of energy to persons other than consumers), benefits whereof have been shared, as appropriate, with the consumers as detailed in Form 1.24, income arising from investment towards unforeseen exigencies reserve, income arising from investments made out of profits and/or equity issue proceeds.
- Income generated from Retained Earnings / Share Issue Proceeds for the year 2020-21

Particulars		Reference
Surplus Investible Fund at the beginning of the year	154640	Closing balance from last year's APR Petition
Profit for the year 2020-21	78101	Page 105 of Audited Accounts of 2020-21
Dividend for the year	(-) 59651	Page 108 of Audited Accounts
Appropriation towards Reserve for unforeseen exigencies	(-) 1950	Form 1.21
Equity Contribution in 2020-21	(-) 12098	30% of net addition to capital assets
	159042	
Interest on above @ 3.50%	2610	
Total Income from Retained Earnings / Share Issue Proceeds	2610	

In terms of the Tariff Regulations, income from all investments is required to be shown in this form except those made out of profit etc. Since this excluded part is not entitled to earn any RoE, it represents surplus available for utilisation by the Company as deemed appropriate. Figures have been furnished accordingly, as allowed in terms of the Tariff Regulations and in the earlier orders.

Form 1.26: Income other than sale of Energy

3. Overall Reconciliation

<i>Particulars</i>		<i>Reference</i>
Total Other Income	36776	Please see Note 32 & 33, Page 124 of Audited Accounts
Interest Income from investment towards unforeseen exigencies reserve	(-) 1950	Please see Form 1.18 (c) (ii), Auditors' Report & Certificate in Annex C17
Income from Other Auxiliary Services (Advertisement on bill face etc.)	28	Please see Note 2, Form 1.24
Profit on Sale of Assets	(-) 35	
Ind AS Adjustments	(-) 647	
User Fee	(-) 666	Please see Note 4, Form 1.24
Insurance Claim relating to Amphan Damage	(-) 1614	
Miscellaneous Debits not claimed	91	Please see Note 3, Form 1.24
Earnings from sale of traded goods	(-) 2063	
Interest Income from retained profits / share issue proceeds	(-) 2610	Please see Note 2 hereinbefore
Total Income other than sale of energy (non-tariff income)	27310	

Form 1.27 : Wheeling Charge

Ref.	Particulars	2020-21
1.	Employee Cost	60110
2.	Other Administrative & General Charges	12498
3.	Insurance	543
4.	Rent, Rates & Taxes	2513
5.	Legal Charges	623
6.	Auditors Fees	223
7.	Repairs & Maintenance incl. Consumables	14423
8.	Interest	29482
9.	Foreign Exchange Rate Variation	-
10.	Other Financing Charges	226
11.	Interest on Consumers Security Deposits	-
12.	Lease Rental	1038
13.	Depreciation	31687
14.	Advance against depreciation	6298
15.	Intangible Asset Write off	-
16.	Mitigating Expenses for the Pandemic	592
17.	Corporate Social Responsibility	1515
18.	Reserve for unforeseen exigencies	-
19.	Bad Debt	-
20.	Tax	10949
21.	Normative Return	47598
22.	Permitted Incentives	-
23.	Special Allocations	-
24.	Others	-
25.	Gross total expenses (sum 1 to 24)	220319
26.	Less : Income from other than energy sales (reduced by Receipt from Wheeling Charges)	14655
27.	Less : Benefits passed on to consumers	266
28.	Gross Deductions (sum 26:27)	14921
A	Net Charges (25-28)	205398
a)	Units sold to own Consumers	8930
b)	Units for sale to WBSEDCL	13
B.	Overall Units (a+b)	8943
C.	Wheeling Charge rate (A/B) - paise per unit	230

Form 1.28: Statement showing status of FPPCA Claim

Sl. No.	Claim application submitted but order is yet to be issued by the Commission		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	2018-19	2.9.2019			
2	2019-20	21.9.2020			
3	2020-21	01.04.2022 r/w 29.09.2022 *			

* Supplementary Petition for 2020-21 FPPCA was submitted on 29.09.2022

**Planned Repairs and Maintenance / Forced Outage / Major Repairs for Generation Plants
Budge Budge Generating Station**

Planned / Forced Maintenance (2020-21)

Unit No.	Outage						Duration in Hrs	Nature (Planned / Forced)	Summary Details
	From		To		Time	Time			
	Date	Time	Date	Time					
1	14-Jun-20	12:04	14-Jun-20	14:20	14:20	02:16	Forced	Excitation Failure	
	24-Nov-20	21:55	06-Dec-20	23:47	23:47	289:52	Planned	Annual Survey	
	22-Dec-20	10:13	23-Dec-20	03:58	03:58	17:45	Forced	Economiser Tube Leakage	
2	16-Jan-21	20:07	17-Jan-21	22:01	22:01	25:54	Forced	Economiser Tube Leakage	
	16-Nov-20	23:28	23-Nov-20	14:22	14:22	158:54	Planned	Annual Survey	
	10-Apr-20	11:45	10-Apr-20	16:32	16:32	04:47	Forced	Reverse Power Relay Operated	
3	21-May-20	10:35	21-May-20	15:00	15:00	04:25	Forced	Replacement of Lightening Arrester	
	28-Sep-20	00:09	30-Sep-20	05:57	05:57	53:48	Forced	Economiser Tube Leakage	
	07-Dec-20	20:29	28-Dec-20	11:59	11:59	495:30	Planned	Annual Survey	
	02-Jan-21	22:54	03-Jan-21	08:04	08:04	09:10	Forced	Attended PRDS	


COMPANY SECRETARY
CESC LIMITED

Planned Repairs and Maintenance / Forced Outage / Major Repairs for Generation Plants

Southern Generating Station

Planned / Forced Maintenance (2020-21)

Unit No.	Outage				Duration in Hrs	Nature (Planned / Forced)	Summary Details
	From		To				
	Date	Time	Date	Time			
1	03-Aug-20	08:00	07-Aug-20	08:00	96:00	Planned	Boiler Inspection/Recertification
	14-Nov-20	16:00	17-Nov-20	06:00	62:00	Forced	Boiler Aux Misc Problem
	20-Oct-20	06:21	20-Oct-20	11:44	05:23	Forced	Turbo Visory Instrument Trouble
	01-Nov-20	10:00	10-Nov-20	24:00	230:00	Planned	Annual Survey
2	20-Nov-20	15:04	21-Nov-20	13:53	22:49	Forced	Turbine Steam Leakage
	22-Dec-20	08:48	22-Dec-20	09:15	00:27	Forced	High Drum Level
	12-Mar-21	18:29	13-Mar-21	24:00	29:31	Forced	GT Overall Diff Protection optd(Gen Transformer Tripping/Damaged)


COMPANY SECRETARY
CESC LIMITED

Details of Depreciation chargeable to revenue account for the year 2020-21

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	Assets to be depreciated during the year classified into different rates							No depreciation Land FH	Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
	31.03.2020				1.80%	2.57%	3.60%	6.00%	12.85%	18.00%	33.33%				
	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs	Rs Lakhs
A . Generating Assets															
Cost	429422	2629	241464	189231	18722	696	71	216	289	5008	795	432051	561	431490	
Depreciation for the year					337	37	9	37	96	150	-			6574	
B . Distribution Assets															
Cost	993405	37895	69788	957938	30756	18138	880	1019	156	4354	2412	1031300	1162	1030138	
Depreciation for the year					544	5809	982	167	52	58				31288	
C . Metering Assets															
Cost	53729	2047	12400	42593		20182	22411					55776	783	54993	
Depreciation for the year						1206	2770							3976	
D . Other Assets															
Cost	23566	1266	5560	17778	4157	8483	880	1526	235		1296	24832	198	24634	
Depreciation for the year					68	80	113	258	78					1093	
Overall															
Cost	1500122	43837	329212	1207540	53635	233743	24242	2761	680	9362	4503	1543959	2704	1541255	
Depreciation for the year					949	5809	3005	462	226	208				42931	
Less: Depreciation on assets created by utilising proceeds from sale of old assets															416
Total Depreciation (net)															42515

Total Depreciation (net)

The Company respectfully prays for allowance of depreciation as per audited books of account as shown above, in terms of Para 5.16.3 of the MPT Order.

As per the Accounting Standard under Ind-AS, all Companies are required to charge depreciation on the Leasehold Land over the unexpired period of the leased life. The Tariff Regulations (Annexure A) also echo the same principle. Since, the right to use of any leasehold property expires at the end of the lease period, it is mandatory to charge such depreciation in the Accounts. Based on the above, the same has been included in this Petition as Depreciation charged, which hitherto would have been allowed as Advance Against Depreciation if not considered.

Depreciation @ 33% on computer software assets has been claimed as it is required to be depreciated over a period of 3 years based on useful life.

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2020	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
A.	On Capital Account								
(i)	Rupee Term Loans/Debentures (Banks & Financial Institutions) IDFC	5000	125	9.50%	125	Rs 125 lakhs on Jun 20	-	3	-
(ii)	IDFC	5000	125	9.50%	125	Rs 125 lakhs on Jun 20	-	3	-
(iii)	IDBI	4000	400	9.00%	400	Rs 100 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	13	-
(iv)	IDBI	6000	600	9.00%	600	Rs 150 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	20	-
(v)	IDFC	15000	1875	9.37%	1875	Rs 375 lakhs on Jun 20, Sep 20 and Rs 1125 lakhs on Dec 20	-	96	-
(vi)	YES Bank	5000	500	10.25%	500	Rs 125 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	31	-
(vii)	Union Bank	10000	1000	7.78%	1000	Rs 250 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	44	-
(viii)	ICICI Bank	1069	128	9.62%	128	Rs 58.79 lakhs on Sep 20 and Rs 69.49 lakhs on Mar 21	-	8	-
(ix)	ICICI Bank	8500	1020	9.62%	1020	Rs 467.50 lakhs on Sep 20 and Rs 552.50 lakhs on Mar 21	-	67	-
(x)	SCB	20250	3375	9.90%	2250	Rs 1125 lakhs on Jun 20 and Dec 20	-	242	1125
(xi)	PSB	10000	2000	8.15%	1000	Rs 250 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	133	1000
(xii)	ICICI	9500	3619	8.65%	762	Rs 190.50 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	245	2857
(xiii)	HDFC	20000	6000	8.34%	2000	Rs 500 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	439	4000
(xiv)	PSB	5500	1375	8.15%	550	Rs 137.50 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	92	825
(xv)	Union Bank	10000	3250	7.78%	1000	Rs 250 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	172	2250



COMPANY SECRETARY
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2020	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xvi)	HDFC	15000	4500	8.34%	1500	Rs 375 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	313	3000
(xvii)	Union Bank	12500	5000	7.78%	1250	Rs 312.50 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	355	3750
(xviii)	Union Bank	7000	3079	7.78%	684	Rs 171 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	219	2395
(xix)	SBI	35000	10500	8.15%	3500	Rs 875 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	742	7000
(xx)	HDFC	12500	4375	8.34%	1250	Rs 312.50 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	332	3125
(xxi)	UNION Bank	3000	1421	7.78%	316	Rs 79 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	101	1105
(xxii)	UNION Bank	17500	9500	7.78%	1600	Rs 400 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	687	7900
(xxiii)	ICICI	25000	12500	8.85%	2778	Rs 1389 lakhs in Jun 20 and Dec 20	-	865	9722
(xxiv)	PSB	9500	5700	8.15%	950	Rs 237.50 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	436	4750
(xxv)	PSB	5000	3000	8.15%	500	Rs 125 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	230	2500
(xxvi)	ICICI	10000	7050	8.85%	1300	Rs 650 lakhs on May 20 and Nov 20	-	488	5750
(xxvii)	PNB	10000	6818	7.88%	909	Rs 227.27 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	501	5909
(xxviii)	IDBI / HDFC *	20000	14091	8.55%	1818	Rs 454.54 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	1131	12273
(xxix)	HDFC	12500	7813	7.88%	1250	Rs 312.50 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	559	6563
(xxx)	KARNATAKA / HDFC *	10000	6250	7.99%	1009	Rs 250 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	465	5241
(xxxi)	CENTRAL BANK	12500	9688	7.93%	1250	Rs 312.50 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	734	8438
(xxxii)	SBI	10000	7750	7.90%	1000	Rs 250 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	577	6750

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2020	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
	Loan for FY 2017-18								
(xxxiii)	SBI	30000	23250	7.90%	3000	Rs 750 lakhs on Jun 20, Sep 20, Dec 20, Mar 21	-	1731	20250
(xxxiv)	KARNATAKA / HDFC *	10000	7500	7.80%	1002	Rs 250 lakhs on May 20, Aug 20, Nov 20, Feb 21	-	553	6498
(xxxv)	HDFC	12500	7250	7.88%	1000	Rs 250 lakhs on May 20, Aug 20, Nov 20, Feb 21	-	533	6250
	Loan for FY 2018-19								
(xxxvi)	HDFC	12500	12500	7.93%	1103	Rs 367.65 lakhs on Sep 20, Dec 20, Mar 21		968	11397
	PSB	14300	14300	7.93%	1192	Rs 397.23 lakhs on Sep 20, Dec 20, Mar 21		1113	13108
	BOB	20000	20000	7.90%	1111	Rs 555.56 lakhs on Dec 20, Mar 21		1556	18889
	Loan for FY 2019-20								
(xxxvii)	UNION Bank	10000	10000	7.68%	750	Rs 250 lakhs on Sep 20, Dec 20, Mar 21	0	693	9250
	SBI	30000	30000	7.49%	2400	Rs 800 lakhs on Sep 20, Dec 20, Mar 21	0	2198	27600
	Loan for FY 2020-21								
(xxxviii)	BOB	20000	0	8.00%	1447	Rs 482 lakhs on Sep 20, Dec 20, Mar 21	19292	1457	17845
	UNION Bank	10000	0	7.68%	750	Rs 250 lakhs on Sep 20, Dec 20, Mar 21	10000	693	9250
	Loan for Budget Budge Unit 3								
(xxxix)	ICICI	20000	4558	8.65%	960	Rs 240 lakhs on Apr 20, Jul 20, Oct 20, Jan 21	-	309	3598
	ICICI Bank	431	52	9.62%	52	Rs 23.72 lakhs on Sep 20 and Rs 28.00 lakhs on Mar 21	-	3	-
	Total Capex Rupee Loans	551550	273836		50965		29292	22151	252163



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CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2020	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
	Normative Loan		-	8.42%					
			-						
	Less : Interest to be capitalised On Capex Loan								
	Total Interest on Capital Account							22151	
B	ON REVENUE ACCOUNT							22151	
(i)	Short Term Loan including Temporary Accommodation								
	ICICI		8571	9.25%	5714	Rs 1428.57 lakhs on May 20, Aug 20, Nov 20, Feb 21		489	2857
	ICICI		5000	9.20%	3571	Rs 714.29 lakhs on Apr 20, Jul 20, Oct 20, Jan 21, Mar 21		271	1429
	BOB		25500	7.93%	3000	Rs 750 lakhs on Jun 20, Sep 20, Dec 20, Mar 21		1943	22500
	ICICI		2063	9.13%	750	Rs 187.5 lakhs on Jun 20, Sep 20, Dec 20, Mar 21		145	1313
	ICICI		11688	9.13%	4250	Rs 1062.5 lakhs on Jun 20, Sep 20, Dec 20, Mar 21		822	7438
	RBL		20000	9.50%	20000	Rs 20000 lakhs on Jun 20		419	-
	KOTAK		9250	7.49%	1000	Rs 250 lakhs on Jun 20, Sep 20, Dec 20, Mar 21		656	8250
	AXIS		20000	8.60%	20000	Rs 20000 lakhs on Jun 20		371	-
	BOB		10000	8.00%	750	Rs 250 lakhs on Sep 20, Dec 20, Mar 21		755	9250
	PSB		5700	7.83%	475	Rs 250 lakhs on Sep 20, Dec 20, Mar 21		444	5225
	DBS		25000	7.80%	0	Rs 158.33 lakhs on Sep 20, Dec 20, Mar 21		1946	25000
	CITI		17000	6.36%	0			1045	17000
	AXIS		35000	7.75%	8750	Rs 2187.5 lakhs on Jun 20, Sep 20, Dec 20, Mar 21		2457	26250
	CITI		17000	7.52%	0			1271	17000
	BOB		0	8.00%	53	Rs 18 lakhs on Sep 20, Dec 20, Mar 21		53	655
	ICICI		0	7.75%	0			2000	30000
	FEDERAL		0	7.10%	0			875	20000
	DBS		0	7.12%	0			25000	25000
	UNION		0	7.20%	0			30000	30000
	CITI		0	5.85%	0			12500	12500
	CITI		0	5.85%	0			20000	20000
	BOB		0	7.25%	0			301	30000
	RBL		0	6.97%	0			536	30000
	ICICI		0	6.90%	0			240	14000
	SBI		0	7.05%	0			19	10000
	IDBI		6000	9.95%	6000	Repaid on 13-Apr-20		29	50000
	HDFC		10000	6.25%	10000	Repaid on 19-May-20		20	-
	DBS		9500	7.42%	9500	Repaid on 24-Apr-20		76	-
								40	-

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2020	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
	FEDERAL		10000	6.80%	10000	Repaid on 27-Apr-20		48	-
	PNB		9000	8.40%	9000	Repaid on 05-Apr-20		9	-
	AXIS		30000	6.80%	30000	Repaid on 30-May-20		330	-
	FEDERAL		20000	6.80%	20000	Repaid on 11-May-20		149	-
	BOB		10000	7.70%	10000	Repaid on 09-Jun-20		142	-
	BOB		9900	7.55%	9900	Repaid on 08-Apr-20		14	-
	HDFC		4500	6.50%	4500	Repaid on 13-Apr-20		10	-
	IDFC		5000	10.50%	5000	Repaid on 09-Apr-20	9000	10	-
	PNB		9000	8.40%	9000	Repaid on 17-Apr-20	5000	25	-
	IDFC		5000	10.50%	5000	Repaid on 17-Apr-20	11	12	-
	IDFC		11	10.50%	11	Repaid on 08-May-20	9900	0	-
	BOB		9900	7.40%	9900	Repaid on 13-May-20	4500	60	-
	HDFC		4500	6.50%	4500	Repaid on 12-Jun-20	8	48	-
	ICICI		8	9.20%	8	Repaid on 30-Apr-20	9500	0	-
	DBS		9500	6.95%	9500	Repaid on 26-Jun-20	10000	107	-
	FEDERAL		10000	6.99%	10000	Repaid on 16-Jul-20	10000	140	-
	FEDERAL		10000	6.95%	10000	Repaid on 16-Jul-20	10000	110	-
	PNB		8500	8.40%	8500	Repaid on 05-Jun-20	8500	12	-
	HDFC		10000	5.50%	10000	Repaid on 07-Sep-20	10000	124	-
	FEDERAL		10000	5.75%	10000	Repaid on 24-Jul-20	10000	46	-
	HDFC		4500	5.50%	4500	Repaid on 07-Sep-20	4500	50	-
	ICICI		239	7.95%	239	Repaid on 02-Jul-20	33	0	-
	DBS		9500	5.35%	9500	Repaid on 10-Jul-20	9500	22	-
	HDFC		9000	6.15%	9000	Repaid on 26-Aug-20	9000	79	-
	FEDERAL		10000	5.50%	10000	Repaid on 08-Oct-20	10000	151	-
	SCB		33	9.50%	33	Repaid on 14-Jul-20	33	0	-
	DBS		9500	5.35%	9500	Repaid on 26-Aug-20	9500	20	-
	FEDERAL		9500	5.11%	9500	Repaid on 09-Sep-20	10000	19	-
	AXIS		20000	5.25%	20000	Repaid on 24-Dec-20	10000	311	10000
	AXIS		5000	5.00%	5000	Repaid on 24-Dec-20	20000	323	-
	HDFC		19000	4.50%	19000	Repaid on 24-Nov-20	5000	81	-
	ICICI		10000	5.50%	10000	Repaid on 03-Mar-21	19000	211	-
	ICICI		2000	5.50%	2000	Repaid on 26-Mar-21	10000	271	-
	HDFC		4500	4.45%	4500	Repaid on 24-Dec-20	2000	54	-
	HDFC		10000	4.45%	10000	Repaid on 25-Jan-21	4500	48	-
	HDFC		13500	4.45%	13500	Repaid on 27-Jan-21	10000	145	-
	IDBI		5000	4.60%	5000	Repaid on 28-Dec-20	13500	198	-
	HDFC		19000	4.10%	19000	Repaid on 25-Feb-21	5000	57	-
	AXIS		4500	4.20%	4500	Repaid on 24-Mar-21	19000	192	-
	HDFC		15000	4.20%	15000	Repaid on 24-Mar-21	20000	226	20000
	HDFC		9500	4.10%	9500	Repaid on 26-Feb-21	5000	56	5000
	DBS		13500	4.05%	13500	Repaid on 26-Mar-21	4500	45	-
	HDFC		5000	4.25%	5000	Repaid on 29-Mar-21	15000	98	-
	IDBI		5000	4.05%	5000	Repaid on 26-Mar-21	9500	63	-
	IDBI		5000	4.25%	5000	Repaid on 26-Mar-21	13500	90	-
	HDFC		5000	4.05%	5000	Repaid on 28-Mar-21	5000	29	-
	ICICI		20000	4.05%	20000	Repaid on 28-Mar-21	20000	17	-
	ICICI		10000	5.00%	10000	Repaid on 28-Mar-21	69	69	20000
	ICICI		2000	5.00%	2000	Repaid on 28-Mar-21	10000	7	10000
	IDBI		4000	4.20%	4000	Repaid on 28-Mar-21	4000	0	2000
									4000

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2020	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
	Commercial Paper as per RBI Guidelines		30000		205000		190000	2636	15000
	TOTAL		365671		696405		802399	25977	471666
(ii)	Other Short Term Loans							725	
	Total Interest on Revenue Account							26703	
	GRAND TOTAL INTEREST (A+B)							48853	

* The above loans has been refinanced by HDFC Bank during the Year

Notes:

- 1) All the above loans mentioned in (i) to (xxxix) are considered for Capital Account.
- 2) No loans have been considered from group companies or subsidiary companies.
- 3) No incidence of penal interest or default in payment considered above.
- 4) The Company is not entitled to any rebate for prompt payment.
- 5) Under Short Term Loan on Revenue Account, Interest on Temporary accommodation has been shown in Form 1.17 (a) and Working Capital Loan Interest in 1.17(b).

Form C : Budget Budge Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
A.	On Capital Account					
(i)	Rupee Term Loans/Debentures (Banks & Financial Institutions) IDFC	6	6	-	0	-
(ii)	IDFC	3	3	-	0	-
(iii)	IDBI	15	15	-	1	-
(iv)	IDBI	23	23	-	1	-
(v)	IDFC	125	125	-	6	-
(vi)	YES Bank	33	33	-	2	-
(vii)	Union Bank	67	67	-	3	-
(viii)	ICICI Bank	9	9	-	1	-
(ix)	ICICI Bank	29	29	-	2	-
(x)	SCB	95	64	-	7	32
(xi)	PSB	57	28	-	4	28
(xii)	ICICI	102	22	-	7	81
(xiii)	HDFC	174	58	-	13	116
(xiv)	PSB	40	16	-	3	24


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Form C : Budget Budge Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xv)	Union Bank	94	29	-	5	65
(xvi)	HDFC	130	43	-	9	87
(xvii)	Union Bank	145	36	-	10	109
(xviii)	Union Bank	54	12	-	4	42
(xix)	SBI	183	61	-	13	122
(xx)	HDFC	76	22	-	6	54
(xxi)	Union Bank	60	13	-	4	46
(xxii)	UNION	398	67	-	29	331
(xxiii)	ICICI	524	116	-	36	407
(xxiv)	PSB	239	40	-	18	199
(xxv)	PSB	181	30	-	14	151
(xxvi)	ICICI	426	78	-	29	347
(xxvii)	PNB	412	55	-	30	357

Form C : Budget Budge Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxviii)	IDBI / HDFC *	851	110	-	68	741
(xxix)	HDFC	701	112	-	50	589
(xxx)	KARNATAKA / HDFC *	561	91	-	42	471
(xxxi)	CENTRAL BANK	870	112	-	66	757
(xxxii)	SBI	696	90	-	52	606
(xxxiii)	Loan for FY 2017-18					
	SBI	992	128	-	74	864
	KARNATAKA / HDFC *	320	43	-	24	277
	HDFC	309	43	-	23	267
(xxxiv)	Loan for FY 2018-19					
	HDFC	520	46	-	40	474
	PSB	595	50	-	46	545
	BOB	832	46	-	65	786
(xxxv)	Loan for FY 2019-20					
	UNION	503	38	-	35	465
	SBI	1508	121	-	110	1387

Form C : Budget Budge Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxxvi)	Loan for FY 2020-21					
	BOB	-	68	901	68	833
	UNION Bank	-	35	467	32	432
(xxxvii)	Budge Budge Project Loan					
	UCO	4558	960	-	309	3598
	ICICI Bank	52	52	-	3	-
	Overall Actual - Capex Loans	17565	3242	1368	1364	15690
	Normative Loan	-	-	-	-	-
	GRAND TOTAL				1364	
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
(ii)	Other Short Term Loans					
	GRAND TOTAL INTEREST (A+B)				1364	

* The above loans has been refinanced by HDFC Bank during the year

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
A.	On Capital Account					
	Rupee Term Loans/Debtentures (Banks & Financial Institutions)					
(i)	IDFC	2	2	-	0	-
(ii)	IDFC	2	2	-	0	-
(iii)	IDBI	4	4	-	0	-
(iv)	IDBI	6	6	-	0	-
(v)	IDFC	34	34	-	2	-
(vi)	YES Bank	9	9	-	1	-
(vii)	Union Bank	18	18	-	1	-
(viii)	ICICI Bank	2	2	-	0	-
(ix)	ICICI Bank	15	15	-	1	-
(x)	SCB	49	33	-	4	16
(xi)	PSB	29	15	-	2	15
(xii)	ICICI	53	11	-	4	42
(xiii)	HDFC	101	34	-	7	67

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xiv)	PSB	23	9	-	2	14
(xv)	Union Bank	55	17	-	3	38
(xvi)	HDFC	76	25	-	5	50
(xvii)	Union Bank	84	21	-	6	63
(xviii)	Union Bank	31	7	-	2	24
(xix)	SBI	104	35	-	7	70
(xx)	HDFC	43	12	-	3	31
(xxi)	Union Bank	15	3	-	1	12
(xxii)	UNION	101	17	-	7	84
(xxiii)	ICICI	132	29	-	9	103
(xxiv)	PSB	60	10	-	5	50
(xxv)	PSB	16	3	-	1	13
(xxvi)	ICICI	37	7	-	3	30
(xxvii)	PNB	36	5	-	3	31
(xxviii)	IDBI / HDFC *	75	10	-	6	65
(xxix)	HDFC	31	5	-	2	26



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CESC LIMITED

Form C : Southern Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxx)	KARNATAKA / HDFC *	25	4	-	2	21
(xxxi)	CENTRAL BANK	38	5	-	3	33
(xxxii)	SBI	31	4	-	2	27
(xxxiii)	Loan for FY 2017-18					
	SBI	98	13	-	7	85
	KARNATAKA / HDFC *	32	4	-	2	27
	HDFC	31	4	-	2	26
(xxxiv)	Loan for FY 2018-19					
	HDFC	36	3	-	3	33
	PSB	42	3	-	3	38
	BOB	58	3	-	5	55

(Rs Lakhs)



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CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxxv)	Loan for FY 2019-20					
	UNION	23	2	-	2	21
(xxxvi)	Loan for FY 2020-21					
	SBI	68	5	-	5	62
	BOB	-	1	10	1	9
	UNION Bank	-	0	5	0	5
	Overall Actual - Capex Loans	1723	452	15	123	1286
	Normative Loan	-	-	-	-	-
	GRAND TOTAL				123	
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
(ii)	Other Short Term Loans					
	GRAND TOTAL INTEREST (A+B)				123	

* The above loans has been refinanced by HDFC Bank during the year


COMPANY SECRETARY
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

SI.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
A.	On Capital Account					
	Rupee Term Loans/Debentures (Banks & Financial Institutions)					
(i)	IDFC	111	111	-	3	-
(ii)	IDFC	114	114	-	3	-
(iii)	IDBI	356	356	-	12	-
(iv)	IDBI	534	534	-	18	-
(v)	IDFC	1579	1579	-	81	-
(vi)	YES Bank	421	421	-	26	-
(vii)	Union Bank	842	842	-	37	-
(viii)	ICICI Bank	108	108	-	7	-
(ix)	ICICI Bank	932	932	-	61	-
(x)	SCB	3083	2055	-	221	1028
(xi)	PSB	1827	913	-	122	913
(xii)	ICICI	3306	696	-	224	2610


COMPANY SECRETARY
CESC LIMITED

Form C : Distribution Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xiii)	HDFC	5530	1843	-	404	3687
(xiv)	PSB	1267	507	-	85	760
(xv)	Union Bank	2995	922	-	159	2074
(xvi)	HDFC	4147	1382	-	289	2765
(xvii)	Union Bank	4608	1152	-	327	3456
(xviii)	Union Bank	2889	642	-	205	2247
(xix)	SBI	9851	3284	-	696	6567
(xx)	HDFC	4105	1173	-	311	2932
(xxi)	Union Bank	1292	287	-	92	1005
(xxii)	UNION	8639	1455	-	625	7184
(xxiii)	ICICI	11367	2526	-	787	8841
(xxiv)	PSB	5184	864	-	397	4320
(xxv)	PSB	2584	431	-	198	2153
(xxvi)	ICICI	6073	1120	-	420	4953


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CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxvii)	PNB	5873	783	-	432	5090
(xxviii)	IDBI / HDFC *	12138	1566	-	974	10572
(xxix)	HDFC	6454	1033	-	462	5421
(xxx)	KARNATAKA / HDFC *	5163	834	-	384	4330
(xxxi)	CENTRAL BANK	8003	1033	-	607	6970
(xxxii)	SBI	6402	826	-	477	5576
(xxxiii)	Loan for FY 2017-18					
	SBI	20971	2706	-	1562	18265
	KARNATAKA / HDFC *	6765	904	-	498	5861
	HDFC	6539	902	-	481	5637

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

SI.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxxiv)	Loan for FY 2018-19					
	HDFC	11635	1027	-	901	10609
	PSB	13311	1109	-	1036	12202
	BOB	18617	1034	-	1448	17582
(xxxv)	Loan for FY 2019-20					
	UNION	9096	682	-	631	8414
	SBI	27288	2183	-	1999	25105
(xxxvi)	Loan for FY 2020-21					
	BOB	-	1342	17893	1351	16551
	UNION Bank	-	696	9275	643	8579
	Total Capex Rupee Loans	241999	44908	27168	19693	224260
	Normative Loan	-	-	-	-	-
	GRAND TOTAL				19693	


COMPANY SECRETARY
CESC LIMITED


Form C : Distribution Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
	SBI	-	-	-	-	-
	ICICI	-	-	-	-	-
	CITI	-	-	-	-	-
	CITI	-	-	-	-	-
	ICICI	8571	5714	-	489	2857
	ICICI	5000	3571	-	271	1429
	BOB	25500	3000	-	1943	22500
	ICICI	2063	750	-	145	1313
	ICICI	11688	4250	-	822	7438
	RBL	20000	20000	-	419	-
	KOTAK	9250	1000	-	656	8250
	AXIS	20000	20000	-	371	-
	BOB	10000	750	-	755	9250
	PSB	5700	475	-	444	5225
	DBS	25000	-	-	1946	25000
	CITI	17000	-	-	1045	17000
	AXIS	35000	8750	-	2457	26250
	CITI	17000	-	-	1271	17000
	BOB	-	53	708	53	655
	ICICI	-	-	30000	2000	30000
	FEDERAL	-	-	20000	875	20000
	DBS	-	-	25000	829	25000
	UNION	-	-	30000	769	30000
	CITI	-	-	12500	190	12500
	CITI	-	-	20000	301	20000
	BOB	-	-	30000	536	30000
	RBL	-	-	14000	240	14000


COMPANY SECRETARY
CESC LIMITED

**Form C : Distribution Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21**

SI.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
	ICICI	-	-	10000	19	10000
	SBI	-	-	50000	29	50000
	IDBI	6000	6000	-	20	-
	HDFC	10000	10000	-	76	-
	DBS	9500	9500	-	40	-
	FEDERAL	10000	10000	-	48	-
	PNB	9000	9000	-	9	-
	AXIS	30000	30000	-	330	-
	FEDERAL	20000	20000	-	149	-
	BOB	10000	10000	-	142	-
	BOB	9900	9900	-	14	-
	HDFC	4500	4500	-	10	-
	IDFC	5000	5000	-	10	-
	PNB	-	9000	9000	25	-
	IDFC	-	5000	5000	12	-
	IDFC	-	11	11	0	-
	BOB	-	9900	9900	60	-
	HDFC	-	4500	4500	48	-
	ICICI	-	8	8	0	-
	DBS	-	9500	9500	107	-
	FEDERAL	-	10000	10000	140	-
	FEDERAL	-	10000	10000	110	-
	PNB	-	8500	8500	12	-
	HDFC	-	10000	10000	124	-
	FEDERAL	-	10000	10000	46	-
	HDFC	-	4500	4500	50	-
	ICICI	-	239	239	0	-
	DBS	-	9500	9500	22	-
	HDFC	-	9000	9000	79	-
	FEDERAL	-	10000	10000	151	-
	SCB	-	33	33	0	-



COMPANY SECRETARY
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

SI.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
						(Rs Lakhs)
	DBS	-	9500	9500	20	-
	DBS	-	9500	9500	19	-
	FEDERAL	-	-	10000	311	10000
	AXIS	-	20000	20000	323	-
	AXIS	-	5000	5000	81	-
	HDFC	-	19000	19000	211	-
	ICICI	-	10000	10000	271	-
	ICICI	-	2000	2000	54	-
	HDFC	-	4500	4500	48	-
	HDFC	-	10000	10000	145	-
	HDFC	-	13500	13500	198	-
	IDBI	-	5000	5000	57	-
	HDFC	-	19000	19000	192	-
	AXIS	-	-	20000	226	20000
	AXIS	-	-	5000	56	5000
	HDFC	-	4500	4500	45	-
	HDFC	-	15000	15000	98	-
	DBS	-	9500	9500	63	-
	HDFC	-	13500	13500	90	-
	IDBI	-	5000	5000	29	-
	IDBI	-	5000	5000	17	-
	HDFC	-	-	20000	69	20000
	ICICI	-	-	10000	7	10000
	ICICI	-	-	2000	1	2000
	IDBI	-	-	4000	0	4000
	Commercial Paper as per RBI Guidelines	30000	205000	190000	2636	15000
		365671	696405	802399	25977	471666
(ii)	Other Short Term Loans				725	
	Total Interest on Revenue Account				26703	
	GRAND TOTAL INTEREST (A+B)				46395	

* The above loans has been refinanced by HDFC Bank during the year


COMPANY SECRETARY
CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21


Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
A.	On Capital Account					
	Rupee Term Loans/Debentures (Banks & Financial Institutions)					
(i)	IDFC	7	7	-	0	-
(ii)	IDFC	7	7	-	0	-
(iii)	IDBI	-	-	-	-	-
(iv)	PSB	-	-	-	-	-
(v)	BOB	-	-	-	-	-
(iii)	IDBI	25	25	-	1	-
(iv)	IDBI	37	37	-	1	-
(v)	IDFC	136	136	-	7	-
(vi)	YES Bank	36	36	-	2	-
(vii)	Union Bank	73	73	-	3	-
(viii)	ICICI Bank	9	9	-	1	-
(ix)	ICICI Bank	44	44	-	3	-
(x)	SCB	147	98	-	11	49


COMPANY SECRETARY
CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xi)	PSB	87	44	-	6	44
(xii)	ICICI	158	33	-	11	125
(xiii)	HDFC	196	65	-	14	130
(xiv)	PSB	45	18	-	3	27
(xv)	Union Bank	106	33	-	6	73
(xvi)	HDFC	147	49	-	10	98
(xvii)	Union Bank	163	41	-	12	122
(xviii)	Union Bank	106	24	-	8	82
(xix)	SBI	362	121	-	26	241
(xx)	HDFC	151	43	-	11	108
(xxi)	Union Bank	54	12	-	4	42
(xxii)	UNION	362	61	-	26	301
(xxiii)	ICICI	477	106	-	33	371
(xxiv)	PSB	217	36	-	17	181
(xxv)	PSB	219	36	-	17	182
(xxvi)	ICICI	514	95	-	36	419



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CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxvii)	PNB	497	66	-	37	431
(xxviii)	IDBI / HDFC *	1028	133	-	82	895
(xxix)	HDFC	626	100	-	45	526
(xxx)	KARNATAKA / HDFC *	501	81	-	37	420
(xxxi)	CENTRAL BANK	777	100	-	59	676
(xxxii)	SBI	621	80	-	46	541
(xxxiii)	Loan for FY 2017-18					
	SBI	1189	153	-	89	1036
	KARNATAKA / HDFC *	384	51	-	28	332
	HDFC	371	51	-	27	320
(xxxiv)	Loan for FY 2018-19					
	HDFC	309	27	-	24	281
	PSB	353	29	-	27	324
	BOB	494	27	-	38	466

(Rs Lakhs)

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2020-21

Sl.No.	Sources of Loans	Outstanding as on 31.03.2020	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2021
(xxxv)	Loan for FY 2019-20					
	UNION	379	28	-	26	350
	SBI	1136	91	-	83	1045
(xxxvi)	Loan for FY 2020-21					
	BOB	-	37	488	37	452
	UNION Bank	-	19	253	18	234
	Overall Actual - Capex Loans	12549	2364	742	971	10927
	Normative Loan	-	-	-	-	-
	GRAND TOTAL				971	
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
(ii)	Other Short Term Loans					
	GRAND TOTAL INTEREST (A+B)				971	

* The above loans has been refinanced by HDFC Bank during the year



 COMPANY SECRETARY
 CESC LIMITED

A.	Particulars	2020-2021
		MU
1.	Generation (including in-firm power, if any) [Form 1.3]	5513
2.	Auxiliary Consumption [Form 1.4a]	428
3.	Transformation Loss	-
4.	Units delivered to system from generation (including infirm power, if any) [Form 1.5] (1-2-3)	5085
5.	Energy Purchased (including Swap-in power) [Form 1.6a]	4877
6.	Energy received for wheeling [Form 1.9a]	0.47
7.	Overall Gross Energy in System (4+5+6)	9961
8.	Units sold to persons other than licensees or any consumers (including Swap-out power) [Form 1.9b]	181
9.	Units sold/used for pumping energy or pumped storage project at bus bar [Form 1.4(b)]	-
10.	Additional Units allowed by the Commission against pumping energy for pumping loss	-
11.	Total Units sold / used for pumping energy or pumped storage project (9 + 10)	-
12.	Net DSM (Actual)	-16
13.	Total Energy goes out of System (8+11+12)	165
14.	Net Energy in system (7-13)	9796
15.	Units sold to own consumers	8930
	Units sold to WBSEDCL [Form 1.9 c]	13
16.	Units wheeled at delivery point [Form 1.9 d]	0.43
17.	Additional allowed Units wheeled	0.04
18.	Units utilised in own premises including construction power	35
19.	Overall Utilisation (15+16+17+18)	8978
20.	Unutilised Units (14-19)	818
21.	Distribution Loss %	8.4%


COMPANY SECRETARY
CESC LIMITED

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

Item Heads		2020-21
		Rs. Lakhs
B.		
1.	Fuel (Please refer to Note below)	122834
2.	Power Purchase (Please refer to Note below)	260766
3.	Variable Cost (Please refer to Note below)	400970
4.	Employee Cost	
	a) Salaries & Wages	92694
	b) Cost of Contracted Manpower in Regular Establishments	4789
5.	Coal & Ash Handling	1027
6.	Other Administrative & General Charges	23195
7.	Insurance	1872
8.	Rent	2856
9.	Rates & Taxes	1071
10.	Legal Charges	825
11.	Auditors Fees	438
12.	Repairs & Maintenance including Consumables and Security Charges	28243
13.	a) Interest	69212
	b) Foreign Exchange Rate Variation	-
	c) Other Financing Charges	1087
	d) Interest on Consumers Security Deposits	11414
	e) Lease Rental	1094
14.	a) Depreciation	42515
	b) Advance against Depreciation	8450
15.	Intangible Assets written off	-
16.	Water Cess	-
17.	Bad Debts	4024
18.	Entry Tax	-
19.	Mitigating Expenses for the Pandemic	832
20.	DSM Charges etc.	556
21.	Corporate Social Responsibility	2230
22.	Tax	16111
23.	Reserve for Unforeseen Exigencies	-
24.	Demurrage	-
25.	Cost of Outsourcing	1560
26.	Total Expenditure (sum 1 to 25)	717064
27.	Return on Equity	70037
28.	Incentives	623
29.	Return (27+28)	70660
30.	Special Allocation	-
31.	Gross Revenue Required (26+29+30)	787724
32.	a) Less : Income from other than sale of energy	27310
33.	b) Less : Benefits passed on to consumers	442
34.	Total Deductions from Gross Revenue Requirements (sum 32 to 33)	27752
35.	Aggregate Revenue Requirement (31-34)	759971
36.	Amount available for utilization from Power Purchase Fund	
37.	Subsidy Received/ Receivable, if any	1494
38.	Revenue from Sale of Energy (actual)	644615
39.	Revenue arising out of APR order in respect of earlier year considered in Order dated 1 August 2022	(-) 5295
40.	Revenue from Sale of Energy for the year	649910
41.	Amount receivable through Annual Performance Review (35-37-40)	108567

Notes :

1. Items 1 to 3 are extracted from the applicable Petition for 2020-21. Item 3 includes the effect of distribution loss and associated benefit sharing with the consumers.

Form E (B) : Summarised Revenue Requirement : Allocation

Notes :

2. Allocation Statement

Rs. Lakhs

Item Heads	Form E	Budge Budge	Southern	Titagarh	Distributions, Selling etc.	Distribution	Selling
Variable Cost	400970	120081	2953	-	277936	11230	266706
Employee Cost							
Salaries & Wages	92694	8954	5310	58	78373	60110	18263
Cost of Contracted Manpower in Regular Establishment	4789	4229	560	-			
Coal & Ash Handling	1027	965	61	-			
Other Administrative & General Charges	23195	1186	258	122	21628	12498	9130
Insurance	1872	1167	153	8	543	543	-
Rent	2856	-	75	-	2781	2100	681
Rates & Taxes	1071	360	1	163	547	413	134
Legal Charges	825	111	32	-	825	623	202
Auditors Fees	438	111	32	-	295	223	72
Repairs & Maintenance including consumables and security charges	28243	10193	2158	435	15456	14423	1033
Interest	69212	13331	1051	91	54739	29482	25257
Foreign Exchange Rate Variation	-	-	-	-	-	-	-
Other Financing Charges	1087	276	21	2	787	226	561
Interest on Consumers Security Deposits	11414	-	-	-	11414	-	11414
Lease Rental	1094	-	-	-	1094	1038	55
Depreciation	42515	5847	344	557	35768	31687	4081
Advance against Depreciation	8450	1162	68	111	7109	6298	811
Intangible Assets written off	-	-	-	-	-	-	-
Water Cess	-	-	-	-	-	-	-
Bad Debts	4024	-	-	-	4024	-	4024
Service Tax and Entry Tax	-	-	-	-	-	-	-
Mitigating Expenses for the Pandemic	832	74	3	-	755	592	163
DSM Charges etc.	556	-	-	-	556	-	556
Corporate Social Responsibility	2230	536	42	47	1605	1515	89
Tax	16111	3875	304	336	11596	10949	646
Reserve for Unforeseen Exigencies	-	-	-	-	-	-	-
Cost of Outsourcing	1560	-	-	-	1560	-	1560
Delayed Payment Surcharge	-	-	-	-	-	-	-
Total Expenditure	717064	172348	13396	1930	529390	183950	345439

Form E (B) : Summarised Revenue Requirement : Allocation**Notes :**

2. Allocation Statement

Rs. Lakhs

Item Heads	Form E	Budge Budge	Southern	Titagarh	Distributions, Selling etc.	Distribution	Selling
Return on Equity	70037	16845	1322	1461	50408	47598	2810
Incentives	623	623	-	-	-	-	-
Return	70660	17468	1322	1461	50408	47598	2810
Gross Revenue Required	787724	189816	14718	3391	579798	231548	348250
Less : Income from other than sale of energy	27310	1488	117	129	25576	14655	10922
Less : Benefits passed on to consumers	442	176	-	-	266	266	-
Less : Interest Credit on Depreciation	-	-	-	-	-	-	-
Total Deductions from Gross Revenue Requirements	27752	1664	117	129	25843	14921	10922
Aggregate Revenue Requirement	759971	188152	14602	3261	553956	216628	337328
Amount available for utilisation from Power Purchaser Fund							
Subsidy Received/ Receivable, if any	1494	370	29	6	1089	426	663
Revenue from Sale of Energy (actual)	644615	159353	12367	2762	470132	183379	286754
Revenue arising out of APR order in respect of earlier years	(-) 5295	(-) 1216	(-) 289	(-) 27	(-) 3763	(-) 1472	(-) 2292
Revenue from Sale of Energy for the year	649910	160570	12656	2789	473896	184850	289045

3. Methodology / directives on allocation of items, as contained in earlier Orders of the Hon'ble Commission have been adopted, to the extent feasible.

4. Expenses specifically attributable to generating stations, as applicable, have been shown under Generating Station expenses. Other expenses like taxes and return etc. have been appropriately allocated to suitable generating stations. Certain common expenses attributable to Distribution and Selling activities and as such not directly relatable, and accordingly shown under Centrally Maintained Expenses, have been allocated on a prorata basis based on the aggregate expenses / asset base of Distribution and Selling activities, as appropriate.

5. Variable cost, including demurrage, is furnished herein by extracting figures from the applicable FPPCA Petition for 2020-21.

6. Interest on Capital Account Loans contained in Form C has been allocated on the basis of loans attributable to capital expenditure of generating stations, distribution and selling as detailed in Form C. Interest on working capital, temporary accommodation and Other Finance Charges have been prorated on the basis of revenue expenses.

7. Depreciation under Centrally Maintained Expenses have been prorated on the basis of actual depreciation of Generation, Distribution and Selling. Advance against depreciation has accordingly been prorated.

8. Subsidy received of Rs. 1494 lakhs has been allocated on the basis of Net ARR of the functional cost-heads as prayed. Revenue arising out of APR order of earlier years of Rs. (-) 5295 lakhs has been allocated on the basis of Net ARR admitted in the Tariff Order dated 01.08.2022.

Form E (B) : Summarised Revenue Requirement

	Item Heads	2020-21 Rs. Lakhs
B.		
1.	Fuel	122624
2.	Power Purchase	215298
3.	Variable Cost	337921
4.	Coal & Ash Handling related charges	1248
5.	Employee Cost	101501
	a) Salaries & Wages	
6.	Cost of Contracted Manpower in Regular Establishment	4604
7.	O&M Expenses	54959
8.	Rent for generation	45
9.	Rates & Taxes	758
10.	Service Tax & Entry Tax	-
11.	Insurance	846
12.	Financing Charges	754
13.	Interest on capital expenditure	22104
14.	Interest on Temporary Accommodation	
15.	Interest on Consumers Security Deposits	10026
16.	Foreign Exchange Rate Variation	-
17.	Interest on Working Capital	-
18.	Bad Debts	-
19.	Lease Rental	1197
20.	Depreciation	41688
21.	Advance Depreciation	8128
22.	Water Charges	72
23.	Reserve for Unforeseen Exigencies	-
24.	Intangible Assets written off	-
25.	Cost of Outsourcing	1149
26.	Tax on Income and profit	12209
27.	Return on Equity	69884
28.	Incentives	-
29.	Gross Aggregate Revenue Requirement	669092
30.	a) Less : Misc. other income	10388
31.	b) Less : Benefits passed on for auxiliary services	-
32.	c) Less : Earnings from commercial usage of assets	532
33.	Net Aggregate Revenue Requirement	658172

Form 4 (i) : Input to the EHT System (400 kV, 220 kV, 132 kV and 66 kV) - 2020-21

(a) Own Generating Stations

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Thermal *		5002.979
2.	Hydel		
3.	Mini-Hydro		
4.	Diesel		
5.	Gas		
6.	Wind		
7.	Renewable		
8.	Co-generation		
	Etc.		

(b) Energy Purchase - sources within the State

1.	Haldia **	3854.421
2.	Renewable and Co-generation (other than roof top solar) ***	292.260
2.	Supplemental power purchase ***	721.996
	Etc.	

(c) Energy Purchase - sources outside the State

1.		
2.		
3.		
	Etc.	

(d) Others ****

1.	Input to 132kV System from 33kV	-
2.	Less : Energy for persons other than consumers	-181.238
3.	Unscheduled Interchange	15.893
	Etc.	
TOTAL		9706.311

NOTE

* Please refer to point B.(1) of Explanatory Notes

*** Please refer to point B.(3) of Explanatory Notes

**

Please refer to point B.(2) of Explanatory Notes

**** Please refer to point B.(4) of Explanatory Notes



COMPANY SECRETARY
CESC LIMITED

Form 4 (ii) : Delivery to 33 & 11 kV Distribution System from EHT System (400kV, 220kV, 132kV and 66kV) - 2020-21

MU

Sl.No.	Unit Area *	Energy Received at all EHT S/Ss(220/132/33kV) existing in the Unit Area		Total Energy delivered into 33 & 11 kV Distribution System
		Energy delivered into 33 kV Distribution System (a)	Energy delivered into 11 kV Distribution System (b)	
1.	TITAGARH	730.290		730.290
2.	NEW COSSIPORE	752.637		752.637
3.	BELUR	405.666		405.666
4.	PRINCEP ST.	438.072		438.072
5.	KASBA/EASTERN METROPOLITAN	1011.123		1011.123
6.	SOUTHERN	709.479		709.479
7.	EAST CALCUTTA	604.765		604.765
8.	JADAVPORE	619.213		619.213
9.	MAJERHAT	655.226		655.226
10.	PARK LANE	201.094		201.094
11.	BBD BAG	213.599		213.599
12.	BGARDEN	721.746		721.746
13.	CHAKMIR	341.829		341.829
14.	RISHRA	672.684		672.684
15.	B T ROAD	490.366		490.366
16.	DUM DUM	319.314		319.314
17.	PATULI	391.687		391.687
18.	PARK CIRCUS	179.913		179.913
19.	BUDGE BUDGE	50.200		50.200
	TOTAL	9508.903		9508.903

NOTE

* Please refer to point C. of Explanatory Notes

Annex 4

Form 4 (iii) : EHT Sales at 220 kV, 132 kV, 66 kV Voltages - 2020-21

MU

Sl.No.	Supply Voltage	No. of Consumers	Total Units Recorded by HT Meters *
1.	220 kV		
2.	132 kV	1	33.400
3.	66 kV		
	Total		33.400

NOTE

* Please refer to point D. of Explanatory Notes

Annex 4

Form 4 (iv) : Losses (400 kV, 220 kV, 132 kV & 66 kV) - 2020-21

Loss Calculation

	MU
(a)	
Total Energy Delivered to System - 4(i)	
Own Generating Stations - 4(i)	5002.979
Energy Purchase - sources within the State - 4(i)	4868.677
Energy Purchase - sources outside the State - 4(i)	
Others - 4(i)	-165.345
Total Energy Delivered to System - 4(i)	9706.311
(b)	
Delivered to Distribution System - 4(ii) & 4(iii)	
Energy received at all EHT S/SSs at 33 kV - 4(ii)	9508.903
Energy received at all EHT S/SSs at 11 kV - 4(ii)	
HT Consumption at 220kV, 132kV, 66 kV - 4(iii)	33.400
Delivered to Distribution System - 4(ii) & 4(iii)	9542.303
(c)	
Losses :	
220 kV, 132 kV, 66 kV System Losses % (a-b) / a x 100	1.690

Form 4 (v) : Energy Delivered into 33 kV Distribution System at the Inter-connection Points of the EHT System & other sources of Generation - 2020-21

MU

Sl.No.	Name of the Unit Area *	Energy Delivered into 33 kV Distribution System							Total Energy Delivered into the Unit Area (a + b)
		From all EHT S/Ss Existing in the Unit Area (a)			Other Sources of Input in the Unit Area (b)				
		Gross	Substation consumption / Export, if any	Net	Own Generation**	Supplemental Power Purchase**	Sub-total		
1.	TITAGARH	730.290	0.000	730.290	0.000			0.000	730.290
2.	NEW COSSIPORE	752.637		752.637				0.000	752.637
3.	BELUR	405.666		405.666					405.666
4.	PRINCEP ST.	438.072		438.072					438.072
5.	KASBA/EASTERN METROPOLITAN	1011.123		1011.123		0.469		0.469	1011.592
6.	SOUTHERN	709.479	0.000	709.479	81.684			81.684	791.163
7.	EAST CALCUTTA	604.765		604.765					604.765
8.	JADAVPORE	619.213		619.213					619.213
9.	MAJERHAT	655.226		655.226					655.226
10.	PARK LANE	201.094		201.094					201.094
11.	BBD BAG	213.599		213.599					213.599
12.	BGARDEN	721.746		721.746					721.746
13.	CHAKMIR	341.829		341.829					341.829
14.	RISHRA	672.684		672.684					672.684
15.	B T ROAD	490.366		490.366					490.366
16.	DUM DUM	319.314		319.314		4.108		4.108	323.422
17.	PATULI	391.687		391.687					391.687
18.	PARK CIRCUS	179.913		179.913					179.913
19.	BUDGE BUDGE	50.200		50.200					50.200
	Total	9508.903	0.000	9508.903	81.684	4.577		86.261	9595.164

NOTE

* Please refer to point E.(1) of Explanatory Notes

** Please refer to point E.(2) of Explanatory Notes

*** Please refer to point E.(3) of Explanatory Notes

Annex 4

Form 4 (vi) : HT Sales at 33 kV - 2020-21

MU

Sl.No.	Name of the Unit Area *	Number of Consumers	Total Units Recorded by 33 kV HT Meters
	For the entire CESC System	25	573.388
	Total HT Sales at 33 kV		573.388

NOTE

* Please refer to point F.(1) of Explanatory Notes

Annex 4

Form 4 (vii) : Energy delivered from 33/20/11/6 kV Substations into 20 kV, 11 kV & 6 kV System
(including LT System) - 2020-21

MU

Sl.No.	Name of the Unit Area *	Energy delivered at HT from all the 33/20/11/6kV Substations existing in the Unit area
	For the entire CESC	8835.000
	Total	8835.000

NOTE

* Please refer to point F.(1) of Explanatory Notes

Form 4 (viii) : Energy Delivered into 11 kV Distribution System at the Inter-connection Points of the EHT System and other sources of Generation - 2020-21

Sl.No.	Name of the Unit Area *	Energy Delivered into 11 kV Distribution System					Total Energy Delivered into the Unit Area (a + b)
		From all EHT S/Ss Existing in the Unit Area (a)		Other Sources of Input in the Unit Area (b)			
		Gross	Substation consumption / Export, if any	Net	Own Generation	Supplemental Power Purchase	
	For the entire CESC					3.9	3.9
	Total						3.9

NOTE

* Please refer to point G. of Explanatory Notes

Annex 4

Form 4 (ix) : HT Direct Sales at 20 kV, 11 kV, 6 kV & 3.3 kV - 2020-21

MU

Sl.No.	Name of the Unit Area *	Number of Consumers	Total Units Recorded by HT Meters **
	For the entire CESC System	1806	1897.905
	Total		1897.905

NOTE

* Please refer to point F.(1) of Explanatory Notes

** Please refer to point F.(2) of Explanatory Notes


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Annex 4

Form 4 (x) : Energy Sold in the LT System - 2020-21

MU

Sl.No.	Name of the Unit Area *	Domestic	Commercial	Industrial	Public Lighting	Irrigation & Agriculture	General Purpose**	Total
	For the entire CESC System	4414.226	952.966	718.946	243.010	0.000	144.404	6473.551
	Total							6473.551

NOTE

* Please refer to point F.(1) of Explanatory Notes

** Please refer to point F.(2) of Explanatory Notes

Form 4 (xi) : Losses at 33 kV and below - 2020-21

Loss Calculation

MU

1.	<i>Losses in 33 kV System and Connected Equipment</i>		
	(i) Total Energy delivered into 33 kV Distribution System from EHT S/Ss and other Generating Stations - 4(v)	A	9595.164
	(ii) Energy sold by HT direct sales at 33 kV - 4(vi)	B	573.388
	(iii) Energy delivered into 11/6 kV and LT System from 33/11/6 kV S/Ss - 4(vii)	C	8835.000
	Losses	A - (B+C)	186.775
	% Losses	$100 \times \{A - (B+C)\} / A$	1.947
2.	<i>Losses in 11/6 kV and LT System and Connected Equipment</i>		
	(i) Energy delivered into 11/6 kV and LT Distribution System from 33/11/6 kV S/Ss - 4(vii)	C	8835.000
	(ii) Energy delivered into 11 kV Distribution System and EHT S/Ss and other Gen. Stn. - 4(viii)	D	3.870
	Total Energy delivered into 11/6 kV and LT Distribution System	C+D	8838.870
	(iii) Energy sold by HT direct sales at 20/11/6 kV and 3.3 kV - 4(ix)	E	1897.905
	(iv) Energy sold in the LT System - 4(x)	F	6473.551
	Total Sales	E+F	8371.457
	Losses	$\{(C+D) - (E+F)\}$	467.414
	% Losses	$\{(C+D) - (E+F)\} \times 100 / (C + D)$	5.288

Explanatory Note - 2020-2021**A. General**

- (1) Budge Budge Generating Station (BBGS) is bussed at EHT level and Southern Generating Station (SGS) is bussed at 33 KV level.
- (2) To meet the total demand of its Licensed Area, CESC purchased power on long term basis from Haldia Energy Limited (HEL). The Company also procured power from sundry sources including renewable and co-generation, routed through other agencies at EHT level, except for net-injection from roof-top solar sources.
- (3) While the Company have tried to follow the formats under Annexure - 4 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended and the directions of the Hon'ble Commission to the extent possible, modifications as appropriate to CESC network have been done.
- (4) Reasonable estimates have been made, where necessary.
- (5) All data pertain to the Financial Year 2020-21 (Actual).

B. Form 4 (i)

- (1) Under item (a) 1. , sent out figure of BBGS only has been shown, since this is the only station where the generation is bussed at EHT level.
- (2) Under item (b) 1. , import from Haldia Energy Limited has been shown.
- (3) Under item (b) 2. , purchase of power from sundry sources including swap in power under banking arrangement, renewable and co-generation (other than rooftop solar) has been shown. Point of purchase is within the State.
- (4) Under item (d), includes swap out power, under banking arrangement. Point of power transfer is within the state.

Explanatory Note - 2020-2021

C. Form 4 (ii)

For the purpose of this exercise, Unit Area has been taken as individual EHT Substations and/or where power is delivered at 33kV from EHT transformer(s).

D. Form 4 (iii)

EHT consumption of one 132 KV consumer.

E. Form 4 (v)

- (1) As stated hereinabove under item C.
- (2) Under (b); Energy delivered into 33 kV System from our Generating Station bussed at 33 kV have been included. Energy injection by the consumer at 33 kV under net metering arrangement is included under 'Supplemental Power Purchase'. Units received for conveyance at 33 KV is shown separately.

F. Form 4 (vi), 4 (vii), 4(ix), 4 (x)

- (1) For energy input data EHT Substations and Generating Stations have been taken as Unit Area. Data relating to sales are available for areas demarcated as Commercial "Districts". Because of large number of interconnections at all voltage levels (LV to EHT), for the purpose of reliability and flexibility of supply, there is no clear cut correspondence between Unit Area for technical and commercial purposes. HT sales at 33 KV also includes units conveyed.
- (2) Includes consumption at Company's premises.

G. Form 4 (viii)

Figure correspond to injection from consumers (other than 33 kV) under net metering arrangement.

Form 5(j) : Voltage Fluctuation

Period	April 2020 to September 2020		October 2020 to March 2021		Corrective Measures proposed
	Percentage of time when Voltage was		Percentage of time when Voltage was		
At 33kV side of Transformer (take off point of 33kV bus)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	
	Nil	0.01%	Nil	0.03%	
At EHT bus	Below 12.5%	Above 10%	Below 12.5%	Above 10%	
	Nil	Nil	Nil	Nil	



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Form 5(ii) : Frequency Excursion

Period	April 2020 to September 2020		October 2020 to March 2021		Corrective Measures proposed to maintain system frequency within limits
	Percentage of time when System Frequency was		Percentage of time when System Frequency was		
	Below 48.5 C/S	Above 51.5 C/S	Below 48.5 C/S	Above 51.5 C/S	
	Nil	Nil	Nil	Nil	



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Form 5(iii) : ABSTRACT OF OUTAGES OF HT FEEDERS

System	April 2020- September 2020			October 2020 - March 2021			Remedial Measures
	No. of outages	Duration of outages (Hours)	Average Interruption per Feeder (Hours)	No. of outages	Duration of outages (Hours)	Average Interruption per Feeder (Hours)	
a. All 33KV outgoing feeders (*)	78	18.35	0.24	51	17.46	0.34	Please see enclosed Annex
b. All 6KV/11KV outgoing feeders (*)	404	406.98	1.01	365	355.60	0.97	
c. Power Transformer							
ii) High voltage side							
ii) Low voltage side							

(*) No. of outages and Duration of outages both include all kinds of HT Feeder outages related to faults. However, outages of LT network due to faults / maintenance of LT network are kept out of the purview.



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Annex to Form 5(iii) : Abstract of Outages of HT FeedersSteps proposed to reduce Feeder Trippings

1. Use of XLPE cables with higher thermal rating for all new installations will reduce the failure rate and increase the Ampacity of the network.
2. The OH distribution network is vulnerable to transient faults caused by falling of tree branches, birds' nests etc. In order to reduce the transient faults, pruning of branches and removal of birds' nests are regular features of our routine maintenance. Also, for similar reasons outdoor EHT yards are being gradually replaced by GISs thereby preventing large power-dislocations due to transient faults.
3. To reduce feeder tripping due to flashovers in HT equipment due to ingress of small reptiles and rodents, insulated skirts have been incorporated. Space heaters are installed in places to avoid failures caused by condensation of moisture.
4. Damage to Underground network caused by the activities of external agencies is a major cause of EHT & HT faults in our Distribution system. As a remedial measure we are constantly interacting with the concerned authority and deputing our personnel for coordination at site.
5. To reduce transient faults in overhead lines, insulated cables are gradually replacing the bare conductors.
6. To reduce tripping due to failure of joints and terminations, the conventional bitumen filled jointing technology is progressively phased out by crimping technology (to prevent solder run out), moisture impervious jointing accessories etc.
7. Switching devices like feeder switches, isolators and ring main isolators are added to the system on a routine basis to sectionalise feeders thereby reducing restoration time. Around 5175 nos. state of the art technology SF6 Gas insulated RMUs (Ring Main Unit) have been installed for protection and operation; out of these around 469 RMUs at important installations have been automated for further reduction of restoration time. Also, for quicker restoration of affected areas, subsequent to a major fault, remote operations from centralised Control Room through SCADA are being carried out.
8. Flashover prone HT equipment are gradually replaced to increase the reliability of power supply. Also, the age-old switchgears are being replaced by modern switchgears to improve reliability.
9. Outages due to programme jobs are generally meant for maintenance purpose. The Company being a century old licensee, has distribution plant and network of varying age, which need to be kept in good condition by strictly following a comprehensive preventive maintenance regime. The stress is on reducing unplanned outages due to faults to improve reliability of supply.

Form 5(iv) : Failure of Transformers (Nos.)

Sl. No.	Period Items	April 2020 to September 2020		October 2020 to March 2021			
		No. of Failures	Total No. Installed	% Failure	No. of Failures	Total No. Installed	% Failure
1.	EHT Transformers						
	i) Auto (*)	-	9	-	-	9	-
	ii) Power	-	44	-	-	44	-
2.	Power Transformers (HT)	1	230	0.43%	-	231	-
3.	Distribution Transformers	28	8672	0.32%	7	8749	0.08%

(*) Auto Transformers - 220/132/33 kV transformers
EHT Transformers - 132/33 kV Transformers
HT Transformers - 36/33kV; 33/20kV; 33/11kV; 33/11/6kV; 33/6kV; 20/6kV; 6/20kV; 6/3.3 kV Transformers
Distribution Transformers - 11/6/0.4 kV; 11/0.4kV; 6/0.4kV Transformers

Form 5(v) : Major System Disturbance (Grid Disturbance)

Sl. No.	Period	April 2020 to September 2020	October 2020 to March 2021
1.	No. of occurrences	16	6
2.	Total duration of Interruption (Hrs.)	1.03	1.37
3.	Estimated unserved energy due to such interruptions (MU) Example Load Prior to the disturbance x No. of Hours of Interruption	0.04	0.04
4.	No. of occasions when CESC system was isolated from the Region Grid due to system disturbance affecting power supply in the System	-	1
5.	No. of occasions when system remained stable after being isolated from Grid due to system disturbance	2	1
6.	Remedial Measures to prevent Grid system disturbance		

Please see the enclosed Annex briefing the events and the requirement as above.

Annex 5

Annex to Form 5(v) : Major System Disturbance (Grid Disturbance)

- 1 On 02-04-2020 at afternoon, Bus-Zone protection (On R ph & Y ph) operated at 132 kV Main-1 Bus of SRS due to falling of Kite thread. No load was interrupted. After removal of kite threads 132 kV transfer bus was recommissioned after 2 hrs. 25 mins.
- 2 On 25-04-2020 in the morning Bus Zone protection(On B ph) operated at 132 kV Main-1 Bus of SRS due to Kite thread which were found wrapped at 132kV Main 1 bus and 132kV bushing of 75MVA T-1. No load was interrupted. After removal of kite threads, busbar recommissioned at after 3 hrs 2 mins.
- 3 On 13-05-2020 at evening, Bus Zone protection (R-Ph) operated at 132 kV Main-1 bus of SRS due to Kite threads which were found wrapped over 132 KV Main-1 bus, Transfer bus along with 132 KV WBSEB 1 Ckt. at SRS. No load was interrupted. After removal of kite threads, 132 KV Main-1 bus re-commissioned after 8 min. 132 KV WBSEB-1 Ckt. re-commissioned after 1 hrs 37 min and 132 kV Transfer bus re-commissioned after 1 hrs 43 min
- 4 On 16-05-2020 at evening Bus Zone protection (on Y-Ph & B-Ph) operated at 132 kV Transfer bus of SRS due to Kite threads which were found wrapped over 132 kV Transfer bus. No load was interrupted. After removal of kite threads, 132 KV Transfer bus re-commissioned at 48mins.
- 5 On 17-05-2020 at evening, Bus-zone protection (on B-Ph) operated at 132 kV Transfer bus of SRS due to Kite threads which were found wrapped over 132 KV Bus coupler. No load was interrupted. After removal of kite threads, 132 KV Transfer bus re-commissioned after 2hr 4 mins.
- 6 On 17-05-2020 at evening, Bus Zone protection (R-Ph) operated at 132 kV Main-1 bus of SRS due to Kite threads which were found wrapped over 132 KV Bus coupler. No load was interrupted. After removal of kite threads, 132 KV Main 1 bus re-commissioned after 1hr 59 mins.
- 7 On 18-05-2020 at afternoon Bus Zone protection operated at 33 KV LHS of SBB at SRS due to Flashover occurred at R phase pole inside Circuit chamber of Circuit breaker for 33 KV F. CD-3 (Siemens RMU No. 1 at Elgin D/S T1/Barisha T2 via Maj S/S-3) at SRS. 30 MW load was interrupted for 44 min. After isolating the faulty Circuit breaker, 33 kV LHS of SBB at SRS recommissioned after 1hr 20 mins.
- 8 On 23-05-2020 at evening, Bus Zone protection (Y-Ph) operated at 132 kV Main-1 bus of SRS due to Kite threads which were found wrapped over 132 KV Main-1 bus. No load was interrupted. After removal of kite threads, 132 KV Main 1 bus re-commissioned after 2hr 6 mins.
- 9 On 27-05-2020 at evening Bus Zone protection (on Y-Ph) operated at 132 kV Main-1 bus of SRS due to Kite threads which were found wrapped over 132 KV Main-1 bus at SRS. No load was interrupted. After removal of kite threads, 132 KV Main-1 bus re-commissioned at 2 hrs 16 mins.
- 10 On 02-08-2020 in the morning Rishra Import failed due to Bus Zone protection operated at 132 kV WBSETCL Rishra S/S due to fire hazard at 132 kV Lilloah Ckt. 100 MW load was interrupted for 2 min. Import commenced again after 49 mins.

Annex to Form 5(v) : Major System Disturbance (Grid Disturbance)

- 11 On 09-08-2020 in the morning Bus Zone protection operated at Chakmir S/S 132kV M2 bus due to Kite thread fallen on Main 2 bus isolator of 75MVA T-2. No load was interrupted. 132kV Main 2 bus recommissioned after 2 hr 2 mins.
- 12 On 11-08-2020 at evening Bus Zone protection operated at 220kV M1 bus at EMSS due to a kite thread found fallen on 220 KV M-1 Bus isolator of 160 MVA T-4. No load was interrupted. CESC system got islanded from Kasba point of supply. CESC System was synchronized at Howrah point of supply after 7 min. 220 KV Main-1 bus of EMSS recommissioned after 1hr 20 mins. Synchronizing point of CESC system shifted from Howrah point of supply to Kasba point of supply after 1 hrs 46 min. 160 MVA T-4 of EMSS recommissioned after 2hr 29 mins and put on load after 2 hrs 31 mins.
- 13 On 13-08-2020 at evening, Bus Zone protection operated at 132 kV Main-2 bus of Jad S/S due to Kite threads which were found wrapped at bus bar and EMSS circuit. 60 MW load was interrupted for 13 min. Same removed and the said bus bar recommissioned after 1hr 32 mins.
- 14 On 16-08-2020 at evening, Bus Zone protection operated at 132kV Main-1 bus and 132kV Transfer bus ("R" ph & "Y" ph) at Jad S/S due to Kite threads which were found wrapped 132 kV Transfer bus isolator of 75 MVA T-1 and M-1 bus isolator of 132kV Maj Ckt. 85 MW load was interrupted for 2 min. After removal of kite threads, 132 kV M-1 bus charged after 34 min and Transfer bus charged after 36 min respectively.
- 15 On 28-08-2020 at evening bus-Zone operated at 132 KV Main-1 bus of JAD S/S due to transient fault. 97 MW load was interrupted for 1 min. 132 KV Main-1 Bus of JAD S/S recommissioned after 1 hrs. 14 mins.
- 16 On 17-09-2020 at evening, Bus Zone protection (R-Ph & Y-Ph) operated at 132 kV Main-1 bus of SRS due to Kite threads which were found wrapped over 132KV M1 bus and Transfer bus. No load was interrupted. After removal of Kite thread, 132 kV M-1 bus recommissioned after 4hrs 44 min
- 17 On 09-01-2021 at afternoon, Bus-Zone operated at 220kV M1 bus at EMSS is due to T/D's work at secondary ckt of 220kV dismantled Dia 1 at EMSS. 130MW load was interrupted for 1 min. 220kV M1 bus recommissioned 32 mins.
- 18 On 13-01-2021 at afternoon Bus-Zone operated at 132kV Main 2 bus at Taratala Switching Station due to Kite threads which were found near the Main 2 bus. No load was interrupted. 132kV Main 2 bus recommissioned after 1 hrs 34 mins.
- 19 On 03-03-2021 at evening Bus-zone protection operated at TRS: 132 kV Main-2 bus due to circulating current in the secondary circuit of earthed 132 kV WBSEB-2 circuit and 132/33 kV 50 MVA T-2. 60MW load was interrupted for 4 min. 132 kV Main-2 bus recommissioned after 1 hr. 54 mins.
- 20 On 10-03-2021 at night BBGS: 220/132/33 kV ICT-1 & 36/33 kV IPT-1 were tripped. 10 MW load shed for 6 mins. Islanding of BBGS Unit-1 and Unit-2. BBGS Unit-1 & Unit-2 synchronized at Howrah (SRS) point after 12 min.

Annex to Form 5(v) : Major System Disturbance (Grid Disturbance)

- 21 On 20-03-2021 at night, Bus-zone protection operated at SRS 33 kV SBB LHS. 30 MW load was interrupted for 1 hr 11 min. After isolating 33 kV DBB-SBB I/C-1 & 33 kV F. CD-3, 33 kV SBB LHS recommissioned after 1 hr 35 mins. 33 kV F. CD-3 recommissioned after 2 hrs 30 min.
- 22 On 28-03-2021 at evening Bus-Zone operated a 132 kV Main-1 Bus of SRS due to Kite thread fallen on 75 MVA T4 & 132kV BGSS 2/2A bay. No load was interrupted. Busbar recommissioned after 1 hr 45 mins.

Remedial Measures to prevent Grid system disturbance

- 1 Protection System has been upgraded for EHT network with redundancy in primary network. Also, the protection system associated with major transmission network is being monitored online round the clock. SCADA is used to monitor loading of each feeder on real time basis.
- 2 Condition monitoring of all EHV / HV stations are being done as per schedule. This includes all electrical assets like transformers / switchgears / Current Transformers / Voltage Transformers etc. Condition monitoring is being done with ultra sound scanning and Potential Discharge detector is used to identify potential failure points.
- 3 Thermographic scanning of all EHV network is being done at regular intervals and corrective measures are taken as and when required.
- 4 Activities like pruning of trees close to the live wires of overhead lines, using anti-corrosive paints on tower body, repair work at tower base are periodically carried out. Regular and intensive patrolling of EHT Overhead lines carried out.
- 5 Comprehensive preventive maintenance program is carried out (both Schedule Based and Condition Based) for power transformers, EHT Switchyards and associated equipment to minimise forced outages and improve reliability of supply.
- 6 Whenever a disturbance occurs in upstream network of WBSETCL / Eastern Region System, there is an impact on CESC System. Our Load Despatch personnel are constantly interacting with SLDC / ERLDC for coordination and bailing out the system from major outages.
- 7 Various islanding schemes and Special Protection Schemes (SPS) are put in place at strategic points of the EHV Network which helps in preventing disturbances.
- 8 Commissioning of rope mesh over 132 & 220 kV ODYs to prevent operation of Bus Zone due to falling of kite threads.

Form 5(vi) : Electrical Accidents

Period	April 2020 - September 2020				October 2020 - March 2021				Corrective Measures Proposed to Avoid Accident
	No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		
	Fatal	Animal	Human	Animal	Fatal	Human	Human	Animal	
Items									
(a) EHT	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Please see enclosed Annex
(b) HV/LV	33	Nil	Nil	Nil	3	Nil	Nil	Nil	

No. of Accidents include the accidents within consumers' premises.

Annex to Form 5(vi) : Electrical AccidentsCorrective measures proposed to avoid accidents

1. All Management review meetings, starting with the Management Committee meetings at the highest level, usually chaired by the Managing Directors, include discussion on emergent safety issues.
2. The Company had set up a Safety Apex Committee involving Executive Directors, Vice Presidents and General Managers to monitor and guide all safety related activities across the Company. The Committee meets at regular intervals to review all safety related aspects across the Company
3. Unit Safety Committees have been formed and are in operation at all Generating Stations and all operational Departments of Distribution wing. The Committees are headed by senior level officers like respective Unit Heads with participants from departmental officers, supervisors and experienced workers who effectively contribute in the deliberations.
4. Under these Unit Safety Committees, each department and sections have set up different structured unit level Safety Subcommittees to monitor Safety Observations, Incident Investigations, Capability Building, Rules and Procedures and Contractor Safety Management.
5. The Unit Safety Committee as well as Subcommittees meet once a month to discuss safety related issues and suggests measures to enhance safety at work. The Subcommittee members also visit work sites to check the level of observance of safety precautions and act as change agents in spreading safety awareness
6. Human Resources Development Department (HRD) in association with Safety Department carries out structured training programs on safe operational techniques. Based on individual performance, the Company issues authorization to the personnel for various electrical operations. Strict discipline is maintained at the ground level so that only authorized persons are allowed to operate on live network.
7. All line function Officers, Supervisors and permanent along with contractor workmen have been imparted safety training once over the last 2 years. They are again pursuing fresh safety training courses which include Behaviour-Based Safety, class room as well as practical and on job trainings.
8. Various workshops on specialised activities are regularly organised in collaboration with external faculties and experts to enhance safety awareness and operational skill of the workmen.

Annex to Form 5(vi) : Electrical Accidents

Corrective measures proposed to avoid accidents

9. Regular cross functional process audit at different units of the Company is carried out to ascertain adherence to safety procedures & guidelines
10. Line Function Managers in association with Safety Department have developed more than 752 Safe Work Procedures (SWPs) so far on most of the critical activities involving considerable hazards. Necessary training to employees is being imparted on regular basis for thorough understanding of these SWPs for implementation.
11. Safety Surveillance and Audits at job sites are carried out regularly across the organisation. Based on the audit scores, the three best performers in every quarter are felicitated with prizes, mementos and publication of the photographs of winning teams in the Quarterly Safety Magazine- "SURAKSHABARTA".
12. Safety Days are celebrated in each unit where the divisional heads address the employees and safety related drama, recitations, quiz etc. are performed to strengthen safety adherence amongst the Workmen, Supervisors and Officers.
13. HRD Department also conducts various training programs on a regular basis directed towards enhancement of technical & behavioral skills and organizes safety slogans/elocution contests, skill competitions and observance of Safety Week for increasing safety awareness. Various competitions are held on safety aspects and winners are awarded prizes on National Safety Day.
14. As directed by the Hon'ble Commission, the Company engaged reputed organisations for detailed safety audit in all two generating stations and its distribution system. Recommendations of safety auditors are implemented to the extent feasible. Reports on safety audit for Budge Budge and Southern Generating Stations and electricity distribution systems conducted by reputed organisations have been submitted to the Hon'ble Commission.
15. Customer Relations & Safety Departments conduct regular communication meetings with customers to enhance awareness. Regular workshops with students & teachers of different High Schools, Colleges & Madrasahs are also arranged to instill awareness on safety.
16. Safety related awareness campaign is regularly done through hoardings, print & electronic media including Company's website. Special campaign activities are also carried out during monsoon and festival seasons.

Annex to Form 5(vi) : Electrical Accidents

Corrective measures proposed to avoid accidents

- 17 A 5-day special awareness program on safety through Tableau was also arranged in some of the identified loss prone areas. This awareness campaign consisted of a small decorated Tableau with a group of performers conveying the safety messages through a 'Qawali theme'. Messages on 'Water conservation' and 'Environment protection' were also incorporated in the campaign.
- 18 Employees are provided with adequate Personal Protective Equipment (PPE) required for the purpose of safety, e.g., helmets, safety belts, rubber mats, safety shoes, gumboots, glasses, non-inflammable aprons, insulated tools etc.
- 19 To prevent accidents associated with overhead lines due to uprooting of electric poles, snapping of overhead wires, electrified poles etc., systematic maintenance of overhead lines is carried out in a planned manner. All Aluminium Conductors (AAC) which are prone to snapping are being gradually replaced by ACSR and ABC Cables. Bare wire service lines are being gradually replaced by Catenary Insulated Cables.
- 20 There is a routine checking of earthing resistance of individual poles to avoid hazards due to ineffective earthing.
- 21 The Materials Testing Laboratory under the Distribution business also evaluates safety related hardware before their adoption.
- 22 Live Line Detectors (developed in-house) and cable identification equipment are used extensively for working in HT network to ensure safety of operating personnel.
- 23 Safety posters, hoardings are displayed at strategic locations in the city, important work places, etc. Safety posters are also displayed at various other suitable places (for example in Metro Rails) to increase mass awareness
- 24 Conventional type Distribution Pillar Boxes, are being replaced in phased manner by state of the art modified Pillar Boxes, specially developed for CESC system to enhance reliability and safety.

Annex to Form 5(vi) : Electrical Accidents

Corrective measures proposed to avoid accidents

- 25 All Generating Stations of the Company are covered under OHSAS 18001:2007 (Occupational Health and Safety Assessment Series) certification. Safety related initiatives of the Company have been recognized by various forums.
- 26 The Company has a dedicated Safety Department having experienced Officers from different functional areas to initiate and monitor safety initiatives and also to ensure implementation of uniform safe work practices across the organization.
- 27 Benchmarking visits have been conducted at various reputed organizations within the country e.g. CGPL-Mundra; Reliance Energy-Mumbai; TPDDL- Delhi; Ambuja Cement, Tata Motors-Pune; Schneider-Kolkata; NTPC-Dadri etc. for assessment of their safety procedures & best practices adopted by them in view of implementing the same at our end for further improvement. On the basis of our observations many such new initiatives have been envisaged and implemented for improvement of job & process safety. Benchmarking at international level is the next target in order to raise our safety standard to global level.

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Form 5(vii) : Release of Customer Bills

Period	April 2020 - September 2020		October 2020 - March 2021		Actions proposed to be taken for prompt release of customer bills
	No. of customer bills served within 30 days of billing period	No. of customer bills served after 30 days of billing period	No. of customer bills served within 30 days of billing period	No. of customer bills served after 30 days of billing period	
					By the end of 2020-21, the process of delivering bills have been completely normalized.
	<p>In the year 2020-21, due to the Covid-19 related lockdown period, CESC raised bills based on the provisions of the regulations and orders of the Hon'ble Commission. Necessary adjustments have been made in the electricity bills on availability of actual meter reading. Amidst wide-spread outbreak of the Covid-19 pandemic, the Super Cyclone 'Amphan' struck Kolkata and nearby areas on 20 May 2020. Generation of bills were delayed due to certain amounts kept in abeyance in view of the pandemic situation and recovery thereof in soft instalments at a later date. Due to these unforeseen events, the process of releasing customer bills was impacted.</p>				

Form 5(viii) : Release of Service Connection

Period	April 2020 - September 2020		October 2020 - March 2021		Action proposed to be taken for providing service connection in time
	No. of service connections provided within 30 days of valid requisitions for power supply	No. of service connections provided after 30 days of valid requisitions for power supply	No. of service connections provided within 30 days of valid requisitions for power supply	No. of service connections provided after 30 days of valid requisitions for power supply	
1.	Mixed (Note 1)	4,683	562 (Note 2)	12,326	1,554 (Note 2)

Notes

- New Service Connections are provided to cater to the load of the Consumers in a premises. Various categories of Consumers viz. Domestic, Commercial etc. may co-exist in a premises and a single Service Connection may be sufficient to supply the entire load in that premises.
Under the circumstances, ascertaining number of categorywise service connection is generally not feasible.
- Nos. include cases where delay was due to non-compliance by applicants.

Sl. No.	Category	Domestic		Commercial		Industrial		Public Lighting - Metered		Public Lighting - Unmetered		Public Waterworks (small/medium)		Public Bodies, Hospitals, Educational & other Institutions		Public Waterworks/Utilities		Commercial & Private Educational Institutions		Domestic		Traction (CTC & Metro)		Industrial		Sports Complex		Total	
		LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT	LT	HT
1.	No. of consumers as on 31st March 2019	2775478	396703	64961	22856	1	982	4627	225	638	374	15	555	24	3267439														
2.	No. of consumers with defective meters/ unmetered consumers - for 2018/19	20369	3032	954	29	-	14	56	4	6	3	-	12	-															
3.	Percentage of defective meters/ unmetered consumers [2018-19]	0.73%	0.76%	1.47%	0.13%	-	1.43%	1.21%	1.37%	1.03%	2.40%	1.03%	1.37%	1.03%															
4.	No. of consumers as on 31st March 2020	2827525	404989	65021	23705	1	1029	4702	231	636	375	15	552	26	3328807														
5.	No. of consumers with defective meters/ unmetered consumers - for 2019/20	20390	3209	1033	82	-	20	231	4	21	5	1	13	-															
6.	Percentage of defective meters/ unmetered consumers [2019-20]	0.72%	0.79%	1.59%	0.35%	-	1.94%	4.91%	2.40%	1.03%	2.40%	1.03%	2.40%	1.03%															
7.	Percentage change from 2018-19 to 2019-20 (+/-)	-0.01%	0.03%	0.12%	0.22%	-	0.52%	3.70%	1.03%	1.03%	1.03%	1.03%	1.03%	1.03%															
8.	No. of consumers as on 31st March 2021	2870778	410140	64971	23685	1	1072	4741	236	634	376	15	545	26	3377220														
9.	No. of consumers with defective meters/ unmetered consumers - for 2020/21	21587	3188	952	103	-	15	46	2	8	3	1	7	1															
10.	Percentage of defective meters/ unmetered consumers [2020-21]	0.75%	0.78%	1.47%	0.43%	-	1.40%	0.97%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%															
11.	Percentage change from 2019-20 to 2020-21 (+/-)	0.03%	-0.02%	-0.12%	0.09%	-	-0.54%	-3.94%	-1.20%	-1.20%	-1.20%	-1.20%	-1.20%	-1.20%															

Form 5(x) : Status of Demand

Sl. No.	Month - Year	Average of Daily Peak Demand (inclusive of Load Shedding)		Average of Daily Peak Demand Met		Shortfall		Reasons
		MW (1)	MW (2)	MW (3)	MW (4)			
1	Apr'20	1052	1052	1052	0			
2	May'20	1071	1071	1071	0			
3	Jun'20	1379	1379	1379	0			
4	Jul'20	1460	1460	1460	0			
5	Aug'20	1430	1430	1430	0			
6	Sep'20	1598	1598	1598	0			
7	Oct'20	1607	1607	1607	0			
8	Nov'20	1365	1365	1365	0			
9	Dec'20	1218	1218	1218	0			
10	Jan'20	1193	1193	1193	0			
11	Feb'21	1244	1244	1244	0			
12	Mar'21	1534	1534	1534	0			

Annex to Form 5(x) : Status of Demand

Potential Peak Demand vis-à-vis Peak Demand met in a month (from Apr'20 to Mar'21) is given in the following table. Shortfall in MW to meet the peak demand and the reasons thereof are also indicated in the table.

Sl. No.	Month - Year	Potential Monthly Peak Demand in MW (1)	System Peak Demand in MW (2)	Short Fall in MW (1) - (2)	Reasons
1	Apr'20	1331	1331	0	
2	May'20	1558	1558	0	
3	Jun'20	1739	1739	0	
4	Jul'20	1813	1813	0	
5	Aug'20	1759	1759	0	
6	Sep'20	1790	1790	0	
7	Oct'20	1841	1841	0	
8	Nov'20	1654	1654	0	
9	Dec'20	1297	1297	0	
10	Jan'20	1305	1305	0	
11	Feb'21	1386	1386	0	
12	Mar'21	1865	1865	0	

Gist of Application for Annual Performance Review for the year 2020-21

1. CESC Limited has submitted application before the Hon'ble West Bengal Electricity Regulatory Commission (Hon'ble Commission) for Annual Performance Review (APR) for the year 2020-21 and the application has been admitted by the Hon'ble Commission on (date).
2. The application is for approval of Rs. 359001 lakhs towards Net Fixed Cost for the financial year 2020-21, after due reduction of claim on account of income other than sale of energy and benefits passed on to consumers. The adjustment amount relating to the above together with variable cost of Rs. 400970 lakhs prayed for through the FPPCA Petition (Volume 1 of the Supplementary Petition dated 29.09.2022 to the FPPCA Petition dated 01.04.2022 and Volume 2 to 7 of the FPPCA Petition dated 01.04.2022), has been prayed for to be dealt with in a manner considered appropriate by the Hon'ble Commission in terms of the applicable Regulations, to be recovered in entirety within a twelve-month period.
3. The applications may be inspected at the office of the Hon'ble Commission at Plot No – AH/5 (2nd & 4th Floor), Premises No. MAR 16 – 1111, Action Area – 1A, New Town, Rajarhat, Kolkata - 700163 (Telephone: (033) 2962 3752; email: cp-wberc@gov.in) and / or at the Registered Office of CESC Limited at CESC House, Chowringhee Square, Kolkata 700001 during office hours on all working days upto one day prior to the last date of submission, objections and comments and certified copies of the applications or part thereof may be obtained from the office of the Hon'ble Commission during office hours on all working days upto one day prior to the last date of submission of suggestions, objections and comments. The applications submitted by CESC Limited has been posted on the website of the applicant at www.cesc.co.in.
4. The suggestions and objections, if any, on the proposals contained in the application shall be submitted separately at the office of the Hon'ble Commission mentioned above by(date).
5. This gist has been published with the approval of the Hon'ble Commission.

Place : Kolkata

Competent Authority

Date :

CESC Limited

Note : Dates may kindly be filled up by the Hon'ble Commission.