

Volume - 2

Annex - 1

Submitted to

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

by



**CESC HOUSE
CHOWRINGHEE SQUARE
KOLKATA 700 001**

ANNEX - 1



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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

<i>Station</i>	2019-2020
Budge Budge	94.3%
Southern	97.1%
Titagarh	97.4%
Overall	95.3%



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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

in %

Station	2019-2020
Budge Budge	
Unit 1	97.3%
Unit 2	91.7%
Unit 3	93.9%
Plant	94.3%
Southern	
Unit 1	95.1%
Unit 2	99.1%
Plant	97.1%
Titagarh	
Unit 1	98.9%
Unit 2	95.9%
Unit 3	95.9%
Unit 4	98.9%
Plant	97.4%
Overall	95.3%

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



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.2 : Plant Load Factor - Annually

in %

Station	2019-2020
Budge Budge	88.0%
Southern	28.6%
Titagarh	-
Overall	62.1%

Note:

Despatch of stations is planned according to relative economics subject to radial load, network constraints and exigencies. With highly skewed demand position, backing down in lean period is inevitable. CESC has widely varying peak and lean demand scenarios. 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.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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

in %

<i>STATION / UNIT</i>	2019-2020
Budge Budge	
<i>Unit 1</i>	89.7%
<i>Unit 2</i>	81.4%
<i>Unit 3</i>	92.9%
Plant	88.0%
Southern	
<i>Unit 1</i>	25.2%
<i>Unit 2</i>	32.1%
Plant	28.6%
Titagarh	-
Overall	62.1%

Note:

Please refer to note under Form 1.2.

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	947
Peak (5 PM to 11 PM)	536
Off-peak (11 PM to 6 AM)	581
Total Summer:	2065
2. Monsoon	
Normal (6 AM to 5 PM)	965
Peak (5 PM to 11 PM)	549
Off-peak (11 PM to 6 AM)	584
Total Monsoon:	2098
3. Winter	
Normal (6 AM to 5 PM)	804
Peak (5 PM to 11 PM)	453
Off-peak (11 PM to 6 AM)	378
Total Winter:	1634
Grand Total:	5798


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	68
Peak (5 PM to 11 PM)	41
Off-peak (11 PM to 6 AM)	32
Total Summer:	142
2. Monsoon	
Normal (6 AM to 5 PM)	70
Peak (5 PM to 11 PM)	54
Off-peak (11 PM to 6 AM)	20
Total Monsoon:	144
3. Winter	
Normal (6 AM to 5 PM)	34
Peak (5 PM to 11 PM)	18
Off-peak (11 PM to 6 AM)	2
Total Winter:	54
Grand Total:	339



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	73
Peak (5 PM to 11 PM)	41
Off-peak (11 PM to 6 AM)	45
Total Summer:	159
2. Monsoon	
Normal (6 AM to 5 PM)	74
Peak (5 PM to 11 PM)	42
Off-peak (11 PM to 6 AM)	46
Total Monsoon:	162
3. Winter	
Normal (6 AM to 5 PM)	60
Peak (5 PM to 11 PM)	34
Off-peak (11 PM to 6 AM)	31
Total Winter:	125
Grand Total:	446


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.4(a)

Auxiliary Consumption for stabilised commercial operations

SOUTHERN GENERATING STATION

Capacity: 135 MW

Season/ Time of the day	Auxiliary Consumption (MU)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	7
Peak (5 PM to 11 PM)	4
Off-peak (11 PM to 6 AM)	3
Total Summer:	14
2. Monsoon	
Normal (6 AM to 5 PM)	7
Peak (5 PM to 11 PM)	4
Off-peak (11 PM to 6 AM)	2
Total Monsoon:	13
3. Winter	
Normal (6 AM to 5 PM)	4
Peak (5 PM to 11 PM)	1
Off-peak (11 PM to 6 AM)	0.12
Total Winter:	5
Grand Total:	32



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.4(b)

Pumping Energy for Pumped Storage Project

Name of the Station:

Capacity:(MW)

Season/ Time of the day	2019-2020
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.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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)	
	2019-2020	
1. Summer		
Normal (6 AM to 5 PM)		874
Peak (5 PM to 11 PM)		496
Off-peak (11 PM to 6 AM)		536
Total Summer:		1907
2. Monsoon		
Normal (6 AM to 5 PM)		891
Peak (5 PM to 11 PM)		507
Off-peak (11 PM to 6 AM)		539
Total Monsoon:		1937
3. Winter		
Normal (6 AM to 5 PM)		744
Peak (5 PM to 11 PM)		419
Off-peak (11 PM to 6 AM)		347
Total Winter:		1509
Grand Total:		5352



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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)	
	2019-2020	
1. Summer		
Normal (6 AM to 5 PM)		61
Peak (5 PM to 11 PM)		38
Off-peak (11 PM to 6 AM)		28
Total Summer:		128
2. Monsoon		
Normal (6 AM to 5 PM)		62
Peak (5 PM to 11 PM)		50
Off-peak (11 PM to 6 AM)		18
Total Monsoon:		131
3. Winter		
Normal (6 AM to 5 PM)		30
Peak (5 PM to 11 PM)		17
Off-peak (11 PM to 6 AM)		2
Total Winter:		49
Grand Total:		307



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.6(a) : Energy Purchase**Summary**

Sources	Energy Purchase (MU)
	2019-2020
Haldia Energy Limited (HEL)	4044
Renewable and Co-generation (other than solar)	107
Solar	6
Supplemental	1475
Overall	5632



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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

Season/ Time of the day	Energy Purchase (MU)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	601
Peak (5 PM to 11 PM)	344
Off-peak (11 PM to 6 AM)	352
Total Summer:	1297
2. Monsoon	
Normal (6 AM to 5 PM)	689
Peak (5 PM to 11 PM)	390
Off-peak (11 PM to 6 AM)	416
Total Monsoon:	1495
3. Winter	
Normal (6 AM to 5 PM)	622
Peak (5 PM to 11 PM)	353
Off-peak (11 PM to 6 AM)	278
Total Winter:	1253
Grand Total:	4044
Less Grid Loss, if any	
Net Purchase	4044



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.6(a) : Energy Purchase**Name of the Source : Renewable and Co-generation (other than solar)**

Season/ Time of the day	Energy Purchase (MU)	
	2019-2020	
1. Summer		
Normal (6 AM to 5 PM)		16
Peak (5 PM to 11 PM)		9
Off-peak (11 PM to 6 AM)		11
Total Summer:		36
2. Monsoon		
Normal (6 AM to 5 PM)		17
Peak (5 PM to 11 PM)		9
Off-peak (11 PM to 6 AM)		11
Total Monsoon:		37
3. Winter		
Normal (6 AM to 5 PM)		15
Peak (5 PM to 11 PM)		8
Off-peak (11 PM to 6 AM)		10
Total Winter:		34
Grand Total:		107
Less Grid Loss, if any		
Net Purchase		107

Note :

Normal, Peak and Off-peak periods have been considered as per REA records. Power was procured from Co-generation sources through RPGPTCL.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form1.6(a) : Energy Purchase

Name of the Source : Solar

Season/ Time of the day	Energy Purchase (MU)	
	2019-2020	
1. Summer		
Normal (6 AM to 5 PM)		2
Peak (5 PM to 11 PM)		-
Off-peak (11 PM to 6 AM)		-
Total Summer:		2
2. Monsoon		
Normal (6 AM to 5 PM)		1
Peak (5 PM to 11 PM)		-
Off-peak (11 PM to 6 AM)		-
Total Monsoon:		1
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:		6
Less Grid Loss, if any		
Net Purchase		6

Note :

Figures correspond to injection from rooftop sources through net metering. Generation from roof-top solar installations, considering 16.13% Capacity Utilisation Factor is 46.754 MU.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form1.6(a) : Energy Purchase

Name of the Source : Supplemental

Season/ Time of the day	Energy Purchase (MU)	
	2019-2020	
1. Summer		
Normal (6 AM to 5 PM)		355
Peak (5 PM to 11 PM)		239
Off-peak (11 PM to 6 AM)		135
Total Summer:		729
2. Monsoon		
Normal (6 AM to 5 PM)		272
Peak (5 PM to 11 PM)		208
Off-peak (11 PM to 6 AM)		80
Total Monsoon:		560
3. Winter		
Normal (6 AM to 5 PM)		90
Peak (5 PM to 11 PM)		90
Off-peak (11 PM to 6 AM)		7
Total Winter:		187
Grand Total:		1475
Less Grid Loss, if any		
Net Purchase		1475

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, Other short term sources and Banking (Swap - in / Swap - out).
3. Details of Quantum of Supplemental import from various sources for 2019-20 are furnished as under:

Name of the Sources	MU
Energy Exchanges	1010
RPG Power Trading Company Limited (RPGPTCL) (other than Cogeneration)	167
West Bengal State Electricity Distribution Company Limited (WBSEDCL)	6
Other short term	4
Banking (Swap-in against Swap-out of FY19)	261
Banking (Swap-in against swap-out during FY20)	28
Overall	1475


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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

Budge Budge Generating Station

MU

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-19	NIL	NIL	NIL	13.2	NIL	NIL	NIL	NIL	20.7	33.8
May-19	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	14.4	14.4
Jun-19	NIL	NIL	NIL	NIL	NIL	NIL	3.1	NIL	10.6	13.7
Jul-19	NIL	NIL	NIL	10.7	NIL	NIL	NIL	NIL	5.0	15.7
Aug-19	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	17.9	17.9
Sep-19	NIL	NIL	NIL	1.4	NIL	NIL	NIL	NIL	16.6	18.0
Oct-19	NIL	NIL	NIL	NIL	0.0	NIL	NIL	NIL	64.1	64.1
Nov-19	NIL	NIL	NIL	8.4	166.9 *	NIL	NIL	NIL	41.4	216.7
Dec-19	NIL	NIL	NIL	36.1	119.5 *	NIL	NIL	NIL	73.7	229.3
Jan-20	NIL	NIL	NIL	21.0	NIL	NIL	NIL	NIL	43.4	64.3
Feb-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	33.1	33.1
Mar-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	68.6	68.6

* Statutory Overhaul of Units

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form1.6(c): Monthwise Generation Loss at different generating station

Southern Generating Station

MU

Month, Year	Non-drawal by concerned distribution licensee due to low demand	Bad Coal	Poor Coal Stock	Forced Outages	Planned Outage	Network Constraints	Generation for restriction for partial equipment availability	Non-drawal by other than distribution licensee against scheduled drawal	Low System Demand	Total Loss in generation
Apr-19	NIL	NIL	NIL	0.3	NIL	NIL	NIL	NIL	51.9	52.2
May-19	NIL	NIL	NIL	0.3	NIL	NIL	NIL	NIL	43.9	44.1
Jun-19	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	56.9	56.9
Jul-19	NIL	NIL	NIL	2.8	10.7 *	NIL	NIL	NIL	45.2	58.7
Aug-19	NIL	NIL	NIL	0.01	15.5 *	NIL	NIL	NIL	58.2	73.7
Sep-19	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	57.6	57.6
Oct-19	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	64.7	64.7
Nov-19	NIL	NIL	NIL	0.1	NIL	NIL	NIL	NIL	78.5	78.6
Dec-19	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	76.2	76.2
Jan-20	NIL	NIL	NIL	4.8	NIL	NIL	NIL	NIL	84.6	89.4
Feb-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	94.0	94.0
Mar-20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	100.4	100.4

* Statutory Overhaul of Unit

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.7 : Distribution Loss %

Ref		Unit	Derivation	2019-2020
1.	Generation [Form 1.3]	MU	A	6137
2.	Auxiliary Consumption [Form 1.4(a)]	MU	B ₁	478
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	5660
5.	Quantum of infirm power included in 1	MU		-
6.	Energy Purchased (including Swap-in power) [Form 1.6a]	MU	D	5632
7.	Energy received for wheeling [Form 1.9a]	MU	E	-
8.	Overall Gross Energy in system	MU	F=C+D+E	11292
9.	Units sold to persons other than licensees or any consumers (including Swap-out power) [Form 1.9b]	MU	G ₁	297
10.	Additional Units allowed by Commission for Sales to person other than licensees or any consumers	MU	G ₂	6
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 UI (Actual)	MU	G ₅	-23
14.	Total energy goes out of system	MU	(G=G ₁ +G ₃ +G ₄ +G ₅)	274
15.	Net Energy in System	MU	H=F-G	11018
16.	Units sold to own consumers	MU	I	9991
	Units sold to WBSEDCL [Form 1.9 c]	MU	I ₁	8
17.	Units wheeled at delivery point [Form 1.9d]	MU	J	-
18.	Additional Units allowed for wheeling	MU	K	-
19.	Units utilised in own premises including construction power	MU	L	42
20.	Quantum of Construction power included in 19	MU		-
21.	Overall Utilisation	MU	M=sum(I:L)	10041
22.	Unutilised Units	MU	N=H-M	977
23.	System Loss	%	O=N/Hx100	8.9%

Auditors' Certificates furnished in Annex C3, Volume 3 (pages 189-192) and Annex C13, Volume 3 (pages 209-212) of APR Petition for the year 2019-20 submitted vide communication No. MD(D):070 dated 1 December 2020 (hereinafter referred to as the "APR Petition").


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

	Unit	Derivation	2019-2020
Units supplied to System [item H of Form 1.7]	MU	A	11018
Units utilised [Item M of Form 1.7]	MU	B	10041
Unutilised Units [Item N of Form 1.7]	MU	C=A-B	977
Distribution Loss % [Item O of Form 1.7]	MU	$D=(C \times 100)/A$	8.9%
Realized Units in corresponding periods	MU	E	10013
AT&C Loss in Units	MU	F=A-E	1005
AT&C Loss*	%	$G=(F/A) \times 100$	9.1%

* 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 of Volume 3 (page 194) of APR Petition. 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).


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.9 : Energy Balance

Ref.	Particulars	Unit	Derivation	2019-2020
A	Energy Input			
1.	Generation [Form 1.3]	MU		6137
2.	Auxiliary Consumption [Form 1.4a]	MU		478
3.	Transformation Loss	MU		-
4.	Units delivered to system from generation (including infirm power, if any) [Form 1.5]	MU	4=1-2-3	5660
5.	Energy Purchased (including Swap-in power) [Form 1.6a]	MU	5	5632
6.	Energy received for wheeling [Form 1.9a]	MU	6	-
7.	Gross Energy Input	MU	7=sum(4:6)	11292
8.	Units sold to persons other than licensees or any consumers (including Swap-out power) [Form 1.9b]	MU		297
9.	Additional Units allowed by Commission for Sales to person other than licensees or any consumers	MU		6
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 UI (Actual)	MU		-23
13.	Total Energy Goes out of System	MU	13=8+10+11+12	274
	Energy Input for own system	MU	7-13	11018
B	Energy Utilisation [Form 1.7]	MU		10041
a.	Units sold to own consumers	MU		9991
	Units sold to WBSEDCL [Form 1.9 c]	MU		8
b.	Units wheeled at delivery point [Form 1.9d]	MU		-
c.	Additional Units allowed for wheeling	MU		-
d.	Units utilised in own premises including construction power	MU		42
e.	Unutilised Units	MU		977
	Total Energy	MU	sum(a:e)	11018


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.9 (a) : Energy received for wheeling

Ref.	Particulars	2019-2020

No energy was received for wheeling from any agency in 2019-20

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

Ref.	Particulars	2019-2020
1.	Indian Energy Exchange	17
2.	Haldia Energy Limited	0.1
3.	Kreate Energy (I) Private Limited (Formerly known as Mittal Processors Private Limited) (Swap-in/ Swap-out)	157
4.	Arunachal Pradesh Power Corporation Private Limited (Swap-in/ Swap-out)	116
	Total	291
	Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	297

Notes:

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

2. 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 of own generation sources.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	1
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	0.4
Total Summer:	1
2. Monsoon	
Normal (6 AM to 5 PM)	2
Peak (5 PM to 11 PM)	3
Off-peak (11 PM to 6 AM)	3
Total Monsoon:	8
3. Winter	
Normal (6 AM to 5 PM)	8
Peak (5 PM to 11 PM)	0.1
Off-peak (11 PM to 6 AM)	0
Total Winter:	9
Grand Total:	17
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	18

Note:

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

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

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)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	-
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Summer:	-
2. Monsoon	
Normal (6 AM to 5 PM)	0.1
Peak (5 PM to 11 PM)	-
Off-peak (11 PM to 6 AM)	-
Total Monsoon:	0.1
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:	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.


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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)	
	2019-2020	
1. Summer		
Normal (6 AM to 5 PM)		1
Peak (5 PM to 11 PM)		2
Off-peak (11 PM to 6 AM)		7
Total Summer:		10
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)		59
Peak (5 PM to 11 PM)		35
Off-peak (11 PM to 6 AM)		54
Total Winter:		148
Grand Total:		157
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers		160

Note:

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


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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)
	2019-2020
1. Summer	
Normal (6 AM to 5 PM)	6
Peak (5 PM to 11 PM)	3
Off-peak (11 PM to 6 AM)	3
Total Summer:	13
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)	51
Peak (5 PM to 11 PM)	27
Off-peak (11 PM to 6 AM)	26
Total Winter:	104
Grand Total:	116
Overall including additional Units allowed by Hon'ble Commission for sale to persons other than the Licensees or the consumers	119

Note:

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



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.9 (c) : Energy sold to WBSEDCL

Ref	Season/ Time of the day	2019-2020
1.	Summer	
	Normal (6 AM to 5 PM)	1
	Peak (5 PM to 11 PM)	1
	Off-peak (11 PM to 6 AM)	1
	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:	3
3.	Winter	
	Normal (6 AM to 5 PM)	1
	Peak (5 PM to 11 PM)	1
	Off-peak (11 PM to 6 AM)	0.4
	Total Winter:	2
	Grand Total:	8

Form 1.9 (d) : Energy wheeled at delivery point

Ref.	Particulars	2019-2020

No energy was wheeled in 2019-2020

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.10(a) : Quantum of Purchase of Power and Rate thereof

Haldia Energy Limited

Particulars	Unit	Derivation	2019-2020
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	601
Peak	MU	B1P	344
Off-peak	MU	B1OP	352
Total Firm in Summer: (B1)			1297
B2: Monsoon:			
Normal	MU	B2N	689
Peak	MU	B2P	390
Off-peak	MU	B2OP	416
Total Firm in Monsoon: (B2)			1495
B3: Winter:			
Normal	MU	B3N	622
Peak	MU	B3P	353
Off-peak	MU	B3OP	278
Total Firm in Winter: (B3)			1253
Total Firm: (B)	MU	B=B1+B2+B3	4044
Chargeable Units	MU	A+B	4044
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges	Paise/Unit	D	234
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	280
Peak	Paise/Unit	L	280
Off-peak	Paise/Unit	M	280
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.10(b) : Power Purchase Cost Analysis (Sourcewise vis-à-vis Stationwise)

Haldia Energy Limited			
Particulars	Unit	Derivation from form 1.10(a)	2019-2020
Details of Power Purchase Cost			
A. Infirm	Rs. Lakhs	$O=A*C$	
B. Firm			
Fixed Charges	Rs. Lakhs	$P = D*B$	94810
Energy Charges:			
B1: Summer:			
Normal	Rs. Lakhs	$Q=B1N*E$	16854
Peak	Rs. Lakhs	$R=B1P*F$	9637
Off-peak	Rs. Lakhs	$S=B1OP*G$	9868
Total Firm in Summer: (B1)	Rs. Lakhs	$T=Q+R+S$	36358
B2: Monsoon:			
Normal	Rs. Lakhs	$U=B2N*H$	19301
Peak	Rs. Lakhs	$V=B2P*I$	10920
Off-peak	Rs. Lakhs	$W=B2OP*J$	11635
Total Firm in Monsoon: (B2)	Rs. Lakhs	$X=U+V+W$	41856
B3: Winter:			
Normal	Rs. Lakhs	$Y=B3N*K$	17440
Peak	Rs. Lakhs	$Z=B3P*L$	9901
Off-peak	Rs. Lakhs	$AA=B3OP*M$	7784
Total Firm in Winter: (B3)	Rs. Lakhs	$AB=Y+Z+AA$	35124
Total Firm : Energy Charges	Rs. Lakhs	$AC=T+X+AB$	113339
Total Firm : Fixed+Energy Charges	Rs. Lakhs	$AD=AC+P$	208149
Total Charges : Firm + Infirm	Rs. Lakhs	$AE=O+AD$	208149
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	$AF=B*N$	-
Transmission charges for HEL dedicated line	Rs. Lakhs	AG	11401
Transmission charges (STU)	Rs. Lakhs	AH	2969
SLDC Charges	Rs. Lakhs	AI	206
Monthly Fuel Cost Adjustment	Rs. Lakhs	AJ	6128
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AK	
Overall cost	Rs. Lakhs	$AK = \text{sum}(AE:AI) - AJ$	228852

Notes:

1. Power purchase cost of Haldia Energy Limited has been submitted in accordance with bills raised by Haldia Energy Limited during the relevant period and considered in the annual accounts of CESC Limited (also certified by the auditors in Annex C5 placed in pages 68-71 of Volume 1 of FPPCA petition for the year 2019-20). Final power purchase cost would be dependent upon the outcome of the Appeal No. 318 of 2021 and I.A. No. 1729 of 2021 pending before the Hon'ble APTEL as also any other appropriate proceeding.

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 HEL 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 Appropriate Authority will be additional to above.

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.10(a) : Quantum of Purchase of Power and Rate thereof

Renewable and Co-generation (other than solar)

Particulars	Unit	Derivation	2019-2020
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	16
Peak	MU	B1P	9
Off-peak	MU	B1OP	11
Total Firm in Summer: (B1)			36
B2: Monsoon:			
Normal	MU	B2N	17
Peak	MU	B2P	9
Off-peak	MU	B2OP	11
Total Firm in Monsoon: (B2)			37
B3: Winter:			
Normal	MU	B3N	15
Peak	MU	B3P	8
Off-peak	MU	B3OP	10
Total Firm in Winter: (B3)			34
Total Firm: (B)	MU	B=B1+B2+B3	107
Chargeable Units	MU	A+B	107
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges		D	
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	358
Peak	Paise/Unit	F	358
Off-peak	Paise/Unit	G	358
B2: Monsoon:			
Normal	Paise/Unit	H	358
Peak	Paise/Unit	I	358
Off-peak	Paise/Unit	J	358
B3: Winter:			
Normal	Paise/Unit	K	358
Peak	Paise/Unit	L	358
Off-peak	Paise/Unit	M	358
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form1.10(b) : Power Purchase Cost Analysis

Renewable and Co-generation (other than solar)

Particulars	Unit	Derivation	2019-2020
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	$Q=B1N*E$	587
Peak	Rs. Lakhs	$R=B1P*F$	319
Off-peak	Rs. Lakhs	$S=B1OP*G$	377
Total Firm in Summer: (B1)	Rs. Lakhs	$T=Q+R+S$	1283
B2: Monsoon:			
Normal	Rs. Lakhs	$U=B2N*H$	605
Peak	Rs. Lakhs	$V=B2P*I$	335
Off-peak	Rs. Lakhs	$W=B2OP*J$	394
Total Firm in Monsoon: (B2)	Rs. Lakhs	$X=U+V+W$	1335
B3: Winter:			
Normal	Rs. Lakhs	$Y=B3N*K$	548
Peak	Rs. Lakhs	$Z=B3P*L$	304
Off-peak	Rs. Lakhs	$AA=B3OP*M$	352
Total Firm in Winter: (B3)	Rs. Lakhs	$AB=Y+Z+AA$	1204
Total Firm : Energy Charges	Rs. Lakhs	$AC=T+X+AB$	3822
Total Firm : Fixed+Energy Charges	Rs. Lakhs	$AD=AC+P$	3822
Total Charges : Firm + Infirm	Rs. Lakhs	$AE=O+AD$	3822
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	$AF=B*N$	-
Transmission Charges (STU)	Rs. Lakhs	AG	191
Wheeling Charges	Rs. Lakhs	AH	244
SLDC Charges and meter reading Charges	Rs. Lakhs	AI	3
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AJ	76
Overall cost	Rs. Lakhs	$AK =\text{sum}(AE:AI)-AJ$	4183

Notes :

- Power Purchase costs have been furnished on the basis of certified quantum of energy and cost thereof on this account. Power Purchase Agreements have been furnished in Volume of 6, pages 20 - 107 of APR Petition.
- Energy charge is 333 Paise/Unit at the Delivery Point. The rate of energy charges indicated in the table includes the energy charge at delivery point including transmission and wheeling losses in terms of Hon'ble Commission's Regulations and invoices.
- "Wheeling Charge" head includes Rs. 36.17 Lakhs pertaining to past period wheeling charge for the period February 2019 and March 2019.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.10(a) : Quantum of Purchase of Power and Rate thereof

Solar

Particulars	Unit	Derivation	2019-2020
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	2
Peak	MU	B1P	-
Off-peak	MU	B1OP	-
Total Firm in Summer: (B1)			2
B2: Monsoon:			
Normal	MU	B2N	1
Peak	MU	B2P	-
Off-peak	MU	B2OP	-
Total Firm in Monsoon: (B2)			1
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	6
Chargeable Units	MU	A+B	6
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges		D	
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	618
Peak	Paise/Unit	F	618
Off-peak	Paise/Unit	G	618
B2: Monsoon:			
Normal	Paise/Unit	H	670
Peak	Paise/Unit	I	670
Off-peak	Paise/Unit	J	670
B3: Winter:			
Normal	Paise/Unit	K	634
Peak	Paise/Unit	L	634
Off-peak	Paise/Unit	M	634
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form1.10(b) : Power Purchase Cost Analysis

Solar

Particulars	Unit	Derivation	2019-2020
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	$Q=B1N*E$	127
Peak	Rs. Lakhs	$R=B1P*F$	-
Off-peak	Rs. Lakhs	$S=B1OP*G$	-
Total Firm in Summer: (B1)	Rs. Lakhs	$T=Q+R+S$	127
B2: Monsoon:			
Normal	Rs. Lakhs	$U=B2N*H$	65
Peak	Rs. Lakhs	$V=B2P*I$	-
Off-peak	Rs. Lakhs	$W=B2OP*J$	-
Total Firm in Monsoon: (B2)	Rs. Lakhs	$X=U+V+W$	65
B3: Winter:			
Normal	Rs. Lakhs	$Y=B3N*K$	160
Peak	Rs. Lakhs	$Z=B3P*L$	-
Off-peak	Rs. Lakhs	$AA=B3OP*M$	-
Total Firm in Winter: (B3)	Rs. Lakhs	$AB=Y+Z+AA$	160
Total Firm : Energy Charges	Rs. Lakhs	$AC=T+X+AB$	353
Total Firm : Fixed+Energy Charges	Rs. Lakhs	$AD=AC+P$	353
Total Charges : Firm + Infirm	Rs. Lakhs	$AE=O+AD$	353
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	$AF=B*N$	-
Transmission charges (STU)	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	$AK = \text{sum}(AE:AI) - AJ$	353

Note :

In terms of the Tariff Order for 2018-19 and 2019-20 of the Hon'ble Commission dated 3 February 2022, rate of solar for the year 2019-20 has been arrived at on the basis of consumption trend and net metering benefit extended to the consumers.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.10(a) : Quantum of Purchase of Power and Rate thereof

Supplemental

Particulars	Unit	Derivation	2019-2020
Details of Import Drawal			
A. Infirm	MU	A	
B. Firm			
B1: Summer:			
Normal	MU	B1N	355
Peak	MU	B1P	239
Off-peak	MU	B1OP	135
Total Firm in Summer: (B1)			729
B2: Monsoon:			
Normal	MU	B2N	272
Peak	MU	B2P	208
Off-peak	MU	B2OP	80
Total Firm in Monsoon: (B2)			560
B3: Winter:			
Normal	MU	B3N	90
Peak	MU	B3P	90
Off-peak	MU	B3OP	7
Total Firm in Winter: (B3)			187
Total Firm: (B)	MU	B=B1+B2+B3	1475
Chargeable Units	MU	A+B	1475
Applicable Rates			
A. Infirm	Paise/Unit	C	
B. Firm			
Fixed Charges		D	
Energy Charges:			
B1: Summer:			
Normal	Paise/Unit	E	389
Peak	Paise/Unit	F	389
Off-peak	Paise/Unit	G	389
B2: Monsoon:			
Normal	Paise/Unit	H	405
Peak	Paise/Unit	I	405
Off-peak	Paise/Unit	J	405
B3: Winter:			
Normal	Paise/Unit	K	356
Peak	Paise/Unit	L	356
Off-peak	Paise/Unit	M	356
C. Fuel and Power Purchase Cost Adjustment	Paise/Unit	N	-


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form1.10(b) : Power Purchase Cost Analysis

Supplemental

Particulars	Unit	Derivation	2019-2020
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	$Q=B1N*E$	13799
Peak	Rs. Lakhs	$R=B1P*F$	9282
Off-peak	Rs. Lakhs	$S=B1OP*G$	5245
Total Firm in Summer: (B1)	Rs. Lakhs	$T=Q+R+S$	28326
B2: Monsoon:			
Normal	Rs. Lakhs	$U=B2N*H$	10999
Peak	Rs. Lakhs	$V=B2P*I$	8409
Off-peak	Rs. Lakhs	$W=B2OP*J$	3227
Total Firm in Monsoon: (B2)	Rs. Lakhs	$X=U+V+W$	22635
B3: Winter:			
Normal	Rs. Lakhs	$Y=B3N*K$	3221
Peak	Rs. Lakhs	$Z=B3P*L$	3195
Off-peak	Rs. Lakhs	$AA=B3OP*M$	243
Total Firm in Winter: (B3)	Rs. Lakhs	$AB=Y+Z+AA$	6659
Total Firm : Energy Charges	Rs. Lakhs	$AC=T+X+AB$	57620
Total Firm : Fixed+Energy Charges	Rs. Lakhs	$AD=AC+P$	57620
Total Charges : Firm + Infirm	Rs. Lakhs	$AE=O+AD$	57620
C. Fuel and Power Purchase Cost Adjustment	Rs. Lakhs	$AF=B*N$	-
Transmission charges (STU)	Rs. Lakhs	AG	1821
Transmission charges (CTU)	Rs. Lakhs	AH	3350
SLDC and meter reading charges	Rs. Lakhs	AI	52
Other Charges	Rs. Lakhs	AJ	369
Less : Incentive/Rebate for timely payment etc.	Rs. Lakhs	AK	-
Overall cost	Rs. Lakhs	$AK = \text{sum}(AE:AJ) - AK$	63211

Notes :

1. Rs. 283142.16 lakhs considered towards overall power purchase cost after deducting Rs. 1363.38 lakhs towards banking of energy during the year and Rs. 12093.20 lakhs towards banking of energy corresponding to swap out in previous year, valued in terms of Regulation 5.15.2.(iv).

2. 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 Volume 6 (pages 108-331), Volume 7 (pages 2-346), Volume 8 (pages 2-321) of APR Petition.

3. Supplemental Power Procurement includes power purchase from Energy Exchanges, RPGPTCL (other than cogeneration), WBSIEDCL, 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 Supplementary Petition.

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Annexure

Long-term and Medium-term Power purchase details

Sl No	Name of the Seller	Name & type of source	Name of the Trader, if any	Tenure of Contract	Whether Power is purchased under Section 63 of the Electricity Act	Prior approval as per Reg 7.4.1, with reference no	Whether exempted under Reg 7.4.4	MW contract	Scheduled MU purchased ¹	Energy charge rate ²	Energy charge ²	Capacity Charge ²	Transmission Charge ⁴	LDC Charge	Meter Reading Charges	Other charges	Total charges	Average Rate	PPA submitted
									A	B	C = A * B / 10	D	E	F	G	H = E + F + G	I = C + D + H	J = I / A	
										Rs. in Lakh									
1	HEL	Thermal		25 years	No	Yes (WBERC/PPA-65/12-13/0248 dated 2.5.13)	NA	Entire power from Haldia Generating Station of HEL by CESC at Subhasgram SubStation of PGCL after adjusting applicable transmission loss of the 400 kV dedicated overhead transmission line	4044	295	119467	94810	14370	206	-	14575	228852	566	Volume 6, pages 2-19 of APR Petition.

Notes

- Units received at CESC bus after adjustment of losses as considered by SLD. Auditor's certificate for energy received at CESC bus has already been submitted in FPPCA Petition for the year 2019-20 pages 68-71 through Annex C5.
- Energy charge in terms of Order dated 27 November 2017 considering energy quantum as furnished in Item A and applicable MFCA
- Capacity Charge in terms of Order dated 27 November 2017 read with Regulation 6.11.4 of Tariff Regulations
- Transmission charge constitutes transmission charges for dedicated transmission line in terms of Order dated 29 January 2016 and applicable STU charges.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Annexure

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 Reg 7.5.4, with reference	Whether price is discovered through bidding under Reg 7.5.1	Whether purchased without bidding under Reg 7.5.3	Purchased under Reg 7.5.6 & 7.5.7 (specify purpose)	Whether exempted under Reg 7.5.8	MW contract
1	WBSEDCL (Emergency Power) ¹				N/A	N/A	N/A	N/A	N/A	
2	RPGPTCL (Cogeneration)		RPTCL	14 Days	N/A	N/A	N/A	N/A	NA	Upto 21 MW
3	RPGPTCL (Other than Cogeneration)		RPTCL	1 Day	N/A	N/A	N/A	N/A	NA	Upto 36 MW
4	CEPL		Manikaran	1 Day	N/A	N/A	N/A	N/A	NA	Upto 40 MW
5	DB Power		Adani Enterprise Limited	1 Day	N/A	N/A	N/A	N/A	NA	Upto 150 MW
6	Adani Power		Adani Enterprise Limited	1 Day	N/A	N/A	N/A	N/A	NA	Upto 110 MW
7	Manikaran		Manikaran	1 Day	N/A	N/A	N/A	N/A	NA	Upto 200 MW
8	Solar Rooftop		Solar		N/A	N/A	N/A	N/A	NA	

Notes :

- Emergency power was procured from WBSEDCL in terms of the Order of the Hon'ble Commission dated 4 July 2018
- Power procurement had been done in terms of the Regulation 7.5.2
- Cogeneration power had been procured by the Company to the extent available.
- Connectivity arrangements were facilitated by a dedicated team resulting in solar capacity of 37.359 MWp at year-end. Estimated generation from solar rooftop installations at 16.13% Capacity Utilisation Factor was 46.754 MU.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Annexure
Short-term Power purchase details (Except Exchange)

Sl No	Name of the Seller	Schedule MU purchased *	Energy charge rate		Transmission Charge	LDC Charge	Re in Lakh			Wheeling Charge	Other charges	Total charges	Average rate	PPA or LOA
			A	B			C = A*B*10	D	E					
		Rs in Lakh												
1	WBSEDCL (Emergency Power) ¹	6	780	453								453	780	As per Order dated 26 April 2016 read with Order dated 4 July 2018
2	RPPTCL (Cogeneration)	107	351	3746	227	2	1	208	438			4,183	392	Volume of 6, pages 20 - 107 of APR Petition.
3	RPPTCL (Other than Cogeneration)	167	466	7805	180	27	1	-	208			8,012	479	
4	CEPL	0.1	405	3	0	0	-	-	0			3	446	Volume 6 (pages 106-331), Volume 7 (pages 2-346), Volume 8 (pages 2-215) of APR Petition.
5	DB Power	2	359	63	8	0	-	-	8			71	403	
6	Adani Power	1	451	23	2	0	-	-	2			25	496	
7	Manikaran	1	450	53	5	0	-	-	5			58	491	
8	Solar Rooftop	6	634	353	-	-	-	-	-			353	634	Volume 8 (pages 329-341) of APR Petition.
		289		12498	422	30	1	208	660			13158	455	

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

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Annexure

Short-term Power purchase through Power Exchanges

SI No	Name of the Exchange	Time of purchase	Schedule MU purchased	Energy charge rate (paisa/unit)	Energy charge	Rs Lakhs					Total charges (in Rs lakh) H=C+G	Avg rate (in paisa/unit)
						A	B	C=A*B	D	E		
1	IEX	Peak period										
		Normal Period				3852	4	243	4099			
		Off peak										
		Overall	989	353	34887					38986		394
2	IEXL	Peak period										
		Normal Period				72	10	6	88			
		Off peak										
		Overall	20	427	855					943		471
3	PXIL	Peak period										
		Normal Period				2	0	0	2			
		Off peak										
		Overall	1	436	22					24		473



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.11 : COST OF FUEL

Budge Budge Generating Station

STATION	DERIVATION	UNIT	2019-2020
1. Sent-out Energy	a	MU	5352
Less : Energy sold to persons other than own consumers and WBSEDCL including permissible losses	b	MU	18
Sent out energy for own consumers and WBSEDCL	1=a-b	MU	5335
2. Auxiliary consumption	2	MU	528
3. Gross Generation for own consumers and WBSEDCL	3=1+2	MU	5862
4. Station Heat Rate	4	kCal/kWh generated	2470
5. Total Heat Required	5=3x4	GCal	14480313
6. Specific Oil Consumption	6	ml/kWh	1.30
7. Oil Consumption	7=6x3	KL	7621
8. Heat Value of Oil	8	kCal/Litre	9563
9. Heat from Oil	9=7x8	GCal	72882
10. Heat from Coal	10=5-9	GCal	14407432
11. Heat Value of Coal	11	kCal/Kg	3764
12. Coal Consumption	12=10/11	Tonne	3827692
13. Coal requirement considering Transit Loss	13	Tonne	3856616
14. Average Price of Oil	14	Rs./KL	47801
15. Average Price of Coal	15	Rs./Tonne	4236
16. Cost of Oil	16=7x14	Rs. Lakhs	3643
17. Cost of Coal	17=13x15	Rs. Lakhs	163384
18. Captive coal cost netted off in terms of Order dated 28 October 2016	18	Rs. Lakhs	22009
19. Total Fuel Cost	19=16+17-18	Rs. Lakhs	145018

Notes:

- Fuel cost has been furnished in accordance with the FPPCA Petition for the year 2019-20 submitted vide communication No. MD(G):290 dated 18 September 2020.
- Cost relating to sales to persons other than own consumers and WBSEDCL of Rs.478 Lakhs corresponding to 18 MU has not been considered above.


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.11 : COST OF FUEL

Southern Generating Station

	STATION	DERIVATION	UNIT	2019-2020
1.	Sent out energy for own consumers and WBSEDCL	1	MU	307
2.	Auxiliary consumption	2	MU	30
3.	Gross Generation for own consumers and WBSEDCL	3=1+2	MU	338
4.	Station Heat Rate	4	kCal/kWh generated	2900
5.	Total Heat Required	5=3x4	GCal	978985
6.	Specific Oil Consumption	6	ml/kWh	2.10
7.	Oil Consumption	7=6x3	KL	709
8.	Heat Value of Oil	8	kCal/Litre	9563
9.	Heat from Oil	9=7x8	GCal	6779
10.	Heat from Coal	10=5-9	GCal	972205
11.	Heat Value of Coal	11	kCal/Kg	4591
12.	Coal Consumption	12=10/11	Tonne	211763
13.	Coal requirement considering Transit Loss	13	Tonne	213364
14.	Average Price of Oil	14	Rs./KL	51942
15.	Average Price of Coal	15	Rs./Tonne	4753
16.	Cost of Oil	16=7x14	Rs. Lakhs	368
17.	Cost of Coal	17=13x15	Rs. Lakhs	10141
18.	Captive coal cost netted off in terms of Order dated 28 October 2016	18	Rs. Lakhs	103
19.	Total Fuel Cost	19=16+17-18	Rs. Lakhs	10406
Overall Fuel Cost - All Stations			Rs. Lakhs	155424

Fuel cost has been furnished in accordance with the FPPCA Petition for the year 2019-20 submitted vide communication No. MD(G):290 dated 18 September 2020.


MANAGING DIRECTOR (DISTRIBUTION)
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Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17

1. Basis for reporting of expenses

Figures in the instant Supplementary Petition have been furnished in accordance with the Tariff Regulations and / or applicable orders of the Hon'ble Commission (i.e. figures are extracted from the audited annual accounts or from the FPPCA Petition submitted before the Hon'ble Commission on 21 September, 2020 (FPPCA Petition) and Tariff Order dated 3 February 2022 ("MYT Order") and where any other treatment in accordance with the Tariff Regulations 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. Significant benefits are being passed on to the consumers in terms of the Tariff Regulations, effect of which has been factored into this application.

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 2019-20, 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 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.

Besides the above, the Company's existing Wage Agreement (entered effective April 2012) which was due for renewal effective April 2018 has been renewed in 2019-20 for a period of six years with effect from 1st April, 2018 with the recognised Trade Union. The Memorandum of Settlement is already in the records of the Hon'ble Commission through the MYT Petition for the seventh control period in Case No. TP-96/20-21.

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.

The uncontrollable own employee cost (net of cost attributable to other activities of Rs 266 lakhs included in item 7 of Form 1.17(h) along with allocation of cost for capital jobs) for the year 2019-20 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 already been annexed to the petition dated 1 December 2020 (APR Petition) in Volume 3, Page 198. 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.

**MANAGING DIRECTOR (DISTRIBUTION)
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Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17

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 2019-20). 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, 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 will accordingly 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 2019-20 have been furnished in Form C. Interest on normative debt (detailed in Form 1.20(b)) works out to Rs 18 lakhs for the year and has accordingly been prayed for in this petition, and also included in Form C.

(b) Necessity of funds by way of temporary accommodation partially arose due to pendency of finalisation of APR Orders for 2014-15, 2015-16, 2016-17, 2017-18 and 2018-19. Non-liquidation of amount allowed through the APR Order for 2013-14 also necessitated temporary utilisation of short-term borrowings. Also, the shortfall arising for the current year 2019-20 necessitated temporary utilisation of short term borrowings. Accordingly, Interest on such temporary accommodation has been incurred and prayed for. Interest has been arrived at considering the actual contractual rate of 9.74% on the average balance, which is significantly lower than SBI PLR as on 30 September, 2019. The Company had paid statutory additional levy and has filed a petition before the Hon'ble Commission for appropriate recovery plan for Rs 89673 lakhs incurred by CESC to serve licensed business upto 2013-14. Additional temporary accommodation for the said funding may kindly also be considered.

(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.

In fact, non-receipt of substantial claims of the Company, so far, arising out of the APR Order for 2013-14 and APR petitions for the years 2014-15 onwards, has created significant pressure on the Company's cash flows leading to stretched leveraging position.

**MANAGING DIRECTOR (DISTRIBUTION)
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Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17

(d) During the year 2019-20, due to various global as well as domestic factors, availability of capital and pricing thereof became extremely stringent, especially in the power sector. SBI PLR stood at 13.80% at the beginning of the year in April 2019. Certificates confirming the above rates are annexed to the APR Petition, Volume 5, Page No. 163 to 166. 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 SBI PLR. The Company made necessary borrowings keeping in view the applicable Debt-Equity Ratio as per the Regulations for capital expenditure.

(e) In terms of the Regulations, considering normative working capital requirement and the interest rate of 9.74% (being the actual contractual rate at mid year and substantially lower than SBI PLR at 1 April, 2018), the Company's prayer on this account has been included in this petition. Confirmatory certificate on SBI PLR is placed in the APR Petition in Page 163 of Volume 5.

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 194.

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 2019-20 have been duly approved by the Board of Directors in its meeting held on 29 June, 2020, 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.

7. Income Tax

Following the Hon'ble Commission's Regulations / Order(s), actual Income-Tax payment for the year 2018-19 is prayed for in this petition. As per consistent practice, payment on account of Income-Tax for the year 2019-20 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 2020-21. Necessary certification by the Auditors for the same has been submitted with the APR Petition in Volume 3, Page 204. The Company has received the Income Tax Order for the Assessment Year 2017-18 (Financial Year 2016-17) during the year. Out of Total Tax paid of Rs 20955.11 lakhs, a refund of Rs 1648.84 lakhs was allowed there, determining the actual tax at Rs 19306.27 lakhs as per Auditors' Certificate submitted for the year. Thus no further sum has been offered towards aforesaid refund. 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 2019-20.

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.

Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17**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 2215 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. Mitigating Expenses for Pandemic

The world is going through 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. Expenses related to the pandemic and the devastating super cyclone Amphan will be brought before the Hon'ble Commission in the subsequent year (s).

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

Ref.	Particulars	2019-20 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	151413	As per Form 1.11
	Oil	4011	
		155424	
(ii)	Coal & Ash handling charges	1009	From Audited Accounts
(iii)	Demurrage for Transportation of Fuel		
(iv)	Water Cess	26	From Audited Accounts
(v)	O & M Expenses		
(a)	Repairs & Maintenance (excluding stores)		
	Buildings	176	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	6581	
	Others	9	
(b)	Security Charges	704	
		7470	
	Less : Employee Costs - Contractors	4289	Please refer to Note 1 below
		3181	

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

Ref.	Particulars	2019-20 Rs. Lakhs	Comments
(c)	Consumption of stores & spares	5429	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	275	
(e)	Vehicle Running & Maintenance	187	
(f)	Telephone Expenses	34	
(g)	Other Management & Administrative Expenses	1302	
(h)	Computer Maintenance Expenses	61	
(i)	Audit Fees	160	
(j)	Differential O & M expenses	3537	
	Overall O & M Expenses under Regulations	14165	
(vi)	a) Employee Costs - Own		
	Salaries & Wages	15362	
	Bonus / Ex-gratia	2	
	Contribution to Funds	1762	
	Welfare Expenses	804	
		17930	
	b) Employee Costs - Contractors	4289	Please refer to Note 1 below
(vii)	Depreciation	6416	From Audited Accounts
(viii)	Expenses due to Penalty, Fines etc.		
(ix)	Rates & Taxes	444	From Audited Accounts

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

Ref.	Particulars	2019-20 Rs. Lakhs	Comments
(x)	Rent	73	From Audited Accounts
(xi)	Insurance Premium Payable	1307	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)	Lease Rent	-	
	Overall - 1.12 (All Stations)	201085	

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 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 31.3.2020, excluding contractors' employees in regular establishments, are 625 for Budge Budge (750 MW), 328 for Southern (135 MW), 151 for Titagarh (240 MW).

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 have been arrived at, as per Para 5.5 of the Tariff Order for 2018-19 & 2019-20 dated 3rd February 2022 as per Chart given below

O&M Expenses for 2019-20	Rs. Lakh / MW
Budge Budge Generating Station	14.73
Southern Generating Station	17.43

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

4. Other Management & Administrative Expenses include Rs. 0.50 Lakh of Advertisement expenses and Rs. 0.83 Lakhs of Stamps and Courier charges. Kindly refer to the Auditors' Certificate in APR Petition, page 194 for further details.

5. O & M Expenses in respect of Titagarh has been considered at actuals instead of normative expenses as specified in Tariff Regulations. Such expenses are required to keep the plant at a ready stage for any contingency as well as 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.

7. The Auditors' certification of "Other Expenses" is placed in this petition.

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

Ref.	Particulars	2019-20 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	141375
	Oil	3643
		145018
(ii)	Coal & Ash handling charges	915
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Cess	5
(v)	O & M Expenses	
(a)	Repairs & Maintenance (excluding stores)	
	Buildings	155
	Plant & Machineries	5099
	Others	4
(b)	Security Charges	381
		5639
	Less : Employee Costs - Contractors	3771
		1868
(c)	Consumption of stores & spares	4971
(d)	Travelling Expenses	231
(e)	Vehicle Running & Maintenance	120
(f)	Telephone Expenses	16

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

Ref.	Particulars	2019-20 Rs. Lakhs
(g)	Other Management & Administrative Expenses	894
(h)	Computer Maintenance Expenses	34
(i)	Audit Fees	89
(j)	Differential O & M expenses	2825
	Overall O & M Expenses under Regulations	11048
(vi)	a) Employee Costs - Own	
	Salaries & Wages	6959
	Bonus / Ex-gratia	1
	Contribution to Funds	944
	Welfare Expenses	502
		8406
	b) Employee Costs - Contractors	3771
(vii)	Depreciation	5521
(viii)	Expenses due to Penalty, Fines etc.	
(ix)	Rates & Taxes	360
(x)	Rent	
(xi)	Insurance Premium Payable	1135
(xii)	Lease Rent	
	Overall - 1.12 (Budget Budget)	176179

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

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20 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	10038
	Oil	368
		10406
(ii)	Coal & Ash handling charges	94
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Cess	21
(v)	O & M Expenses	
(a)	Repairs & Maintenance (excluding stores)	
	Buildings	11
	Plant & Machineries	1123
	Others	4
		156
(b)	Security Charges	
		1294
	Less : Employee Costs - Contractors	518
		776
(c)	Consumption of stores & spares	439
(d)	Travelling Expenses	43
(e)	Vehicle Running & Maintenance	43
(f)	Telephone Expenses	13

MANAGING DIRECTOR (DISTRIBUTION)
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Form 1.12: Expenditure - Cost of Energy from CESC Generation - Southern

Ref.	Particulars	2019-20 Rs. Lakhs
(g)	Other Management & Administrative Expenses	288
(h)	Computer Maintenance Expenses	13
(i)	Audit Fees	25
(j)	Differential O & M expenses	712
	Overall O & M Expenses under Regulations	2353
(vi)	a) Employee Costs - Own	
	Salaries & Wages	4866
	Bonus / Ex-gratia	1
	Contribution to Funds	528
	Welfare Expenses	240
		5635
	b) Employee Costs - Contractors	518
(vii)	Depreciation	345
(viii)	Expenses due to Penalty, Fines etc.	
(ix)	Rates & Taxes	2
(x)	Rent	73
(xi)	Insurance Premium Payable	166
(xii)	Lease Rent	
	Overall - 1.12 (Southern)	19614

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

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20 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	0
(v)	O & M Expenses	
(a)	Repairs & Maintenance (excluding stores)	
	Buildings	10
	Plant & Machineries	359
	Others	0
(b)	Security Charges	168
		537
	Less : Employee Costs - Contractors	-
		537
(c)	Consumption of stores & spares	18
(d)	Travelling Expenses	1
(e)	Vehicle Running & Maintenance	25
(f)	Telephone Expenses	4



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

Ref.	Particulars	2019-20 Rs. Lakhs
(g)	Other Management & Administrative Expenses	120
(h)	Computer Maintenance Expenses	14
(i)	Audit Fees	45
(j)	Differential O & M expenses	
	Overall O & M Expenses under Regulations	765
(vi)	a) Employee Costs - Own	
	Salaries & Wages	3537
	Bonus / Ex-gratia	0
	Contribution to Funds	290
	Welfare Expenses	62
		3889
	b) Employee Costs - Contractors	
(vii)	Depreciation	549
(viii)	Expenses due to Penalty, Fines etc.	
(ix)	Rates & Taxes	83
(x)	Rent	
(xi)	Insurance Premium Payable	6
(xii)	Lease Rent	
	Overall - 1.12 (Titagarh)	5292


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Form 1.13: Expenditure - Transmission of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20</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	2019-20
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.


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Form 1.15: Expenditure - Distribution of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20</i> <i>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	2696	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	48	
	Distribution Assets	10905	
	Others	352	
		11305	
(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	47326	
	Bonus / Ex-gratia	45	
	Contribution to Funds	5026	
	Welfare Expenses	2228	
		54624	
(iv)	Depreciation	34117	From Audited Accounts
	Less : Depreciation on assets created by utilising proceeds from sale of old assets	392	Deduction in terms of Regulation 5.15.1 (iv)
		33725	

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Form 1.15: Expenditure - Distribution of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20</i> <i>Rs. Lakhs</i>	<i>Comments</i>	
(v)	Travelling Expenses	1404	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	381		
(vii)	Telephone Expenses	450		
(viii)	Security Charges	829		
(ix)	Advertisement	4		
(x)	Stamps & Courier Charges	16		
(xi)	Other Management & Administrative Expenses	2361		
(xii)	Expenses due to Penalty, Fines etc.			
(xiii)	Computer Maintenance Expenses	285		
(xiv)	Insurance Premium Payable	373		
	Overall (1.15) - Distribution	108452		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".

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 2400 regular contractors' employees are engaged to carry out such jobs.

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Form 1.16 : Expenditure - Sale of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20 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	208	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)	90	
(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	14352	
	Bonus / Ex-gratia	3	
	Contribution to Funds	1531	
	Welfare Expenses	603	
		16489	
(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.

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Form 1.16 : Expenditure - Sale of Energy

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20 Rs. Lakhs</i>	<i>Comments</i>
(v)	Travelling Expenses	384	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	97	
(vii)	Telephone Expenses	199	
(viii)	Advertisement	237	
(ix)	Computer Maintenance Expenses	997	
(x)	Stamps & Courier Charges	1710	
(xi)	Other Management & Administrative Expenses	1720	
(xii)	Expenses due to Penalty, Fines etc.		
(xiii)	Security	221	
	Overall (1.16) - Sale of Energy	22351	

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.17 - Other expenses - Centrally maintained

Ref.	Particulars	2019-20 Rs. Lakhs	Comments
(a)	(i) Rent (ii) Rates & Taxes (Other than taxes on income & profits)	1894 389	From Audited Accounts From Audited Accounts
(b)	Interest		
(i)	Interest on Loans on Capital Account	24947	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]	49889	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]	7132	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	10604	From Audited Accounts, in terms of Regulation 5.6.5.3
(v)	Interest on advance from consumers		
(vi)	Other Finance Charges [Form 1.17c]	1141	As per Form 1.17 (c)
(vii)	Lease Rental	1197	From Audited Accounts
(viii)	Delayed Payment Surcharge		
(c)	Bad Debts	2112	Please refer to Note 6 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(d)	Legal Charges	1058	From Audited Accounts. Certificate enclosed in Annex C17 of APR petition, Volume 3, page 222.
(e)	Consultancy Fees, charges and expenses	98	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	293	
(g)	Depreciation	1079	From Audited Accounts
(h)	Advance against Depreciation [Form 1.17e]	8507	As per Form 1.17 (e)
(i)	Foreign Exchange Rate Variation on loan repayments [Form 1.17d]		
(j)	Other Expenses		
(k)	Insurance Premium Payable [Form 1.17f]		Please refer to Form 1.12 and 1.15

Form 1.17 - Other expenses - Centrally maintained

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20 Rs. Lakhs</i>	<i>Comments</i>
(l)	<i>Employee costs & Directors' fees & expenses</i>		
(i)	Salaries & Wages	9364	
(ii)	Bonus / Ex-gratia	16	
(iii)	Contribution to Funds	1196	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	898	
(v)	Directors' fees & expenses	77	
(m)	Consumption of printing, stationery and stores	79	
(n)	Repairs & Maintenance (excluding salaries etc. & stores)	1383	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	684	
(p)	Postage	77	
(q)	Security	405	
(r)	Intangible Assets written off		Please refer Form 1.18(b)
(s)	Telephone, Telex etc.	98	
(t)	Vehicle Running & Maintenance	347	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	1351	
(v)	Computer Maintenance Expenses	174	
(w)	General Establishment Charges (net of recovery)	7196	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"
(x)	DSM Charges etc.	836	Within the limits specified in the applicable Regulations. Amount as per SLDC records. Applicable details furnished through the FPPCA Petition; units also available in the Auditors' Report and Certificate in Annex C3 of the APR Petition in Volume 3, Page 192.
(y)	Corporate Social Responsibility	2215	Please refer to Note 11 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
(z)	Terminal Benefits		
(za)	Taxes on Income / Profits	22092	Please refer to Note 7 on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17"
	Overall (1.17)	158828	

1.17 (a) Interest on Temporary Accommodation

<i>Particulars</i>	<i>2019-20 Rs. Lakhs</i>
Opening Balance as per the Supplementary Petition for 2018-19	364751
Addition during the year as per Form E	116025
Settlement considered during the year pursuant to Tariff Order 2019-20	(-) 455
Closing Balance	480321
Interest on Temporary Accommodation @ 9.74% being the effective sanctioned contractual interest rate on the average balance above and statutory additional levy. (Interest on the average balance of Rs. 364751 lakh and 480321 lakh @ 9.74% and on Rs 89673 lakh @ 9.74%)	49889

Note :

Please refer to Note 3(b) on "Notes on Expenditure including Other Expenses centrally maintained - Form 1.12 to 1.17" and Note 1 and Note 2 to Form 1.17 (a).

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



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Interest on Temporary Accommodation for 2019-20

	Particulars	2019-20 Rs. Lakhs	Remarks
1.	Closing Balance pertaining to earlier years as at end of 2013-14	45099	
2.	Claim allowed in APR 2013-14	38274	
3.	Opening Balance of Temporary Accommodation - 2014-15	83373	1+2
	<u>Addition during the year 2014-15 :</u>		
4.	- Pursuant to Tariff Order for 2014-15 published in March, 2015 (vide para 7.3.13) applicable wef 1 April 2015	15824	
5.	- Pursuant to Tariff Order for 2014-15 published in March, 2015 (vide para 6.2 & 6.3) - part of recoverable amount in APR 2011-12	(-) 11000	
6.	- Pursuant to Tariff Order for 2014-15 published in March, 2015 (vide para 7.3.13) applicable wef 1 April 2015 - based on actual sale	4824	4+5
7.	- Claim in APR of 2014-15 (Form E, vol 2, pg 133)	29974	
8.	Overall Addition in 2014-15 (Form 1.17 (a) of the APR Petition for 2014-15)	34798	6+7
	<u>Settlement during the year 2014-15 :</u>		
9.	- Pursuant to Tariff Order for 2011-12 - vide para 7.3.15.1, recovery in 2014-15	(-) 11139	
10.	- Pursuant to Tariff Order for 2013-14 - recovery in 2014-15 vide para 3.3.13 - part recovery in 2014-15	(-) 137	
11.	- Pursuant to Tariff Order for 2014-15 - recovery in 2014-15 vide para 7.3.13 of Tariff Order	(-) 3043	
12.	Overall Settlement in 2014-15 (Form 1.17 (a) of the APR Petition for 2014-15)	(-) 14319	9+10+11
13.	Closing Balance of 2014-15	103852	3+8+12
14.	Opening Balance of 2015-16	103852	14=13
	<u>Addition during the year 2015-16 :</u>		
15.	- Claim in APR of 2015-16 (Form E, vol 2, pg 122)	57057	


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Interest on Temporary Accommodation for 2019-20

	Particulars	2019-20 Rs. Lakhs	Remarks
16.	- Pursuant to Tariff Order for 2011-12 - vide para 7.3.15.1, recovery in 2014-15	(-) 10329	
17.	- Pursuant to Tariff Order for 2015-16 published in 10 August, 2015 (vide para 2.7 & 2.8) - remaining part of recoverable amount in APR 2011-12	(-) 921	
18.	- Pursuant to Tariff Order for 2015-16 published in 10 August, 2015 (vide para 2.7 & 2.8) - part of recoverable amount in APR 2012-13	(-) 7000	
19.	- Pursuant to Tariff Order for 2014-15 - recovery in 2015-16 vide para 7.3.13 of Tariff Order	(-) 12781	Error of Rs. 66 lakhs rectified
20.	Overall Settlement in 2015-16 (Form 1.17 (a) of the APR Petition for 2015-16)	(-) 31031	16+17+18+19
21.	Closing Balance of 2015-16	129878	14+15+20
22.	Opening Balance of 2016-17	129878	22=21
	<u>Addition during the year 2016-17:</u>		
23.	- Pursuant to Tariff Order for 2016-17 published in October, 2016 (vide para 3.5.14) applicable wef 1 April 2016 - based on actual sale	6311	
24.	- Claim in APR of 2016-17 (Form E, vol 2, pg 125)	55535	
25.	Overall Addition in 2016-17 (Form 1.17 (a) of the APR Petition for 2016-17)	61846	23+24
	<u>Settlement during the year 2016-17:</u>		
26.	- Pursuant to Tariff Order for 2016-17 published in October, 2016 (vide para 2.12 and para 2.17) - remaining part of recoverable amount of APR 2012-13	(-) 4573	
27.	- Pursuant to Tariff Order for 2016-17 - vide para 3.5.14 - recovery in 2016-17	(-) 3965	
28.	Overall Settlement in 2016-17 (Form 1.17 (a) of the APR Petition for 2016-17)	(-) 8538	26+27
29.	Closing Balance of 2016-17	183186	22+25+28
30.	Opening Balance of 2017-18	183186	30=29
	<u>Addition during the year 2017-18 :</u>		
31.	- Claim in APR of 2017-18 (Form E, vol 2, pg 118)	73128	


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Interest on Temporary Accommodation for 2019-20

	Particulars	2019-20 Rs. Lakhs	Remarks
	<u>Settlement during the year 2017-18 :</u>		
32.	- Pursuant to Tariff Order for 2016-17 - recovery in 2017-18 vide para 3.5.14 of Tariff Order	(-) 2346	
33.	Closing Balance of 2017-18	253968	30+31+32
34.	Opening Balance for 2018-19	253968	34 = 33
	<u>Additions during the year :</u>		
35.	- Claim for 2018-19 (Form E, volume 2, pg 158 of the Supplementary Petition for 2018-19)	133328	Form E of Supplementary Petition for 2018-19
	<u>Settlement during the year :</u>		
36.	- 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
37.	Closing Balance for 2018-19	364751	37 = 34+35-36
38.	Opening Balance for 2019-20	364751	38 = 37
	<u>Additions during the year :</u>		
39.	- 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>		
40.	- 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
41.	Closing Balance for 2019-20	480321	41 = 38+39-40
42.	Average Balance	422536	42 = (38 + 41)/2
43.	Interest on Temporary Accommodation @ 9.74% (actual rate of interest) on the average balance above	41155	43=42*9.74%
44.	Interest due to the impact of additional levy loan	8734	44 = 45 - 43
45.	Interest on Temporary Accommodation prayed for through the Supplementary Petition (Form 1.17 (a))	49889	From Form 1.17 (a)

Items in Serial No. 1 to 33 have been extracted from the detailed submissions for 2017-18 submitted vide Communication No. MD(D) : 134 dated 10 May 2022.

Note 2 to 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																			Total
	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	TO 2018-19	TO 2019-20					
Arrear				203	11573			38274									50050			
Recovery 13-14	(-) 12404		(-) 3661	(-) 66						0	0	0	0	0	0	0	(-) 16131			
31.03.14	21468	11921	0	137	11573	0	38274	38274	29974	0							83373			
Arrear						15824											45798			
Recovery 14-15	(-) 11139	(-) 11000		(-) 137		(-) 3043											(-) 25319			
31.03.15	10329	921	0	0	11573	12781	38274	38274	29974	0	0	0	0	0	0	0	103852			
Arrear										57057							57057			
Recovery 15-16	(-) 10329	(-) 921			(-) 7000	(-) 12781				57057							(-) 31031			
31.03.16	0	0	0	0	4573	0	38274	38274	29974	57057	55535	0	0	0	0	0	129878			
Arrear						6311											61846			
Recovery 16-17					(-) 4573	(-) 3965											(-) 8538			
31.03.17	0	0	0	0	0	0	38274	38274	29974	57057	55535	0	0	0	0	0	183186			
Arrear												73128					73128			
Recovery 17-18						(-) 2346											(-) 2346			
31.03.18						0	38274	38274	29974	57057	55535	73128	133328	0	0	0	253968			
Arrear																	133328			
Recovery 18-19							(-) 22545										(-) 22545			
31.03.19							15729	15729	29974	57057	55535	73128	133328	0	0	0	364751			
Arrear																	116025			
Recovery 19-20							(-) 455										(-) 455			
31.03.20							15274	15274	29974	57057	55535	73128	249353	0	0	0	480321			



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

1.17 (b) Interest on Working Capital

<i>Particulars</i>		<i>2019-20 Rs. Lakhs</i>
A.	Working Capital	865702
	Gross Sales	
B1.	Less : Depreciation including Advance Depreciation	49727
B2.	Less : Deferred Revenue Expenditure	-
B3.	Less : Return on Equity	67715
B4.	Less : Bad Debt	2112
B5.	Less : Reserve for unforeseen exigencies	-
B6.	Less : Security Deposit for the year	13946
B.	Total Deductions : (sum B1:B6)	133500
C.	Allowable Gross Sales for Working Capital	732202
D.	Allowable Working Capital @ 10% on C (A - B)	73220
E.	Interest rate - (Actual Contractual rate 9.74%)	9.74%
F.	Interest on Working Capital (E % on D)	7132

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. Certificate on SBI PLR has been placed in the Appendix of this Supplementary Petition in Volume 5, Pages 163 to 166.

1.17 (c) Other Finance Charges

<i>Particulars</i>	<i>2019-20 Rs. Lakhs</i>
Other Borrowing Costs (Net) (Front End Fees / Arrangement Fees for loans and Bank facilities)	438
Bank Charges for Financial Services	349
Bank Charges for Cash Management Services	286
Other Miscellaneous Finance Charges	68
Overall	1141

Note :

Necessary certificates have been placed in the APR petition certifying the actual expenditure for 2019-20, in Volume 3, Page 200.

1.17 (d) Foreign Exchange Rate Variation (FERV)

2019-20	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				

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

1.17 (e) Advance against Depreciation (AAD)

<i>Particulars</i>		<i>2019-20</i> <i>Rs. Lakhs</i>
1.	Total Allowable Repayment of Loan during the year	49727
2.	1/10th of original loan amount net of disallowed loans, if any	60405
3.	Maximum permissible amount of loan repayment restricted to 1/10th of original admitted loan	49727
4.	Depreciation as per Form B	41220
5.	Allowable Advance against depreciation (3-4)	8507

1.17 (f) Insurance Premium Payable

<i>Particulars</i>		<i>2019-20</i> <i>Rs. Lakhs</i>
	Plant & Machineries - Direct	1307
	Others	373
	Overall	1680

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>2019-20</i> <i>Rs. Lakhs</i>
1.	Depreciation as per Form B	41220
2.	Repayment as per Form C	49727
3.	Excess Fund created (1-2, if 1>2)	NIL
4.	Weighted average rate of interest of existing loan	NA
5.	Interest Credit	NA



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Category	Sl. No	Particulars	2019-20 Rs. Lakhs
A		Expenditure	Own Employees
	1	Salary and Wages	
	a	Basic Pay	41636
	b	Dearness Allowances	2437
	c	Other	49525
	2	Funds for retirement	
		Gratuity	3402
		Company's contribution to PF	5993
		Company's contribution to Pension Scheme	1168
	3	Statutory Bonus and Ex-Gratia	521
4	Leave encashment	2623	
5	LTA	1039	
6	Employee welfare expenditure	3788	
		Gross employee cost	112131
7		Allocated/transfer to capital account etc.	11614
B		Contribution for shortfall in interest of Provident Fund, if any	
C		Production / Performance Incentive to Employees	
D		Net own employee cost	100517
E		Number of Personnel as at 31 March, 2020	7886

Notes :

1. 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.
2. Director's fees and expenses amounting to Rs 77 lakhs not shown above; the same has been included in Form E under Own Employee Cost.
3. Please refer to Notes under Form 1.12 and Note 2 under Form 1.15 with respect to contractors' employees.
4. 1104 employees are engaged in operative generating stations (625 in Budge Budge, 328 in Southern and 151 in Titagarh), 4836 employees are engaged in Distribution, 1541 employees are engaged in Selling, and the balance 405 employees are considered under Centrally Maintained expenditure.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Category	Sl. No	Particulars	Budge Budge	Southern Generating
			Generating Station	Station
			Rs. Lakhs	Rs. Lakhs
A		Expenditure		
	1	Salary and Wages		
	a	Basic Pay	1092	253
	b	Dearness Allowances		
	c	Other Allowances	2141	390
	2	Funds for retirement		
	a	Gratuity	55	13
	b	Company's contribution to PF, ESI and terminal	177	41
	c	Company's contribution to Pension Scheme		
	3	Statutory Bonus and Ex-Gratia		
	4	Leave encashment	3	1
	5	LTA		
	6	Welfare expenditure	282	66
	7	Others-		
	a.	Work Implements	94	22
b.	Service Charge including taxes	1281	262	
			5125	1047
B	Contribution for shortfall in interest of Provident Fund, if any			
C	Production / Performance Incentive to Employees			
D	Contract Manpower cost		5125	1047
E	Number of Personnel as at 31 March		761	293

Notes:

1. For Budge Budge Generating Station, contract manpower cost stood at Rs 6.73 Lakhs/Man (5125/761) and for Southern Generating Station, contract manpower cost stood at Rs 3.57 Lakhs/Man (1047/293)

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 625 and allowable contractual manpower numbers are 560 for 2019-20. The claim works out to Rs. 3771 lakhs (560*6.73) in terms of normative manpower of 1.58.

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 328 and allowable contractual manpower numbers are 145 respectively for 2019-20. The claim works out to Rs. 518 lakhs (3.57*145) in terms of normative manpower of 3.50.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Category	Sl. No	Particulars	2019-20 Rs. Lakhs
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 2019-20



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.17(i): 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 2020 to the best of its knowledge.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.17(k): Cost of outsourcing

Heads	2019-20			Comment
	Rs. Lakhs			
	Manpower related	Hiring of Vehicle	Others	
a) Administration & General Expenses				From Audited Accounts and Auditors' Certificate. (please see the note below)
i) Call Centre			1208	
ii) Consumer communication expenses			162	
b) Repair & Maintenance Expenses				
Total			1370	

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 the APR Petition in Volume 3, Page 194.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.18 : Original Cost of Fixed Assets

Ref.	Particulars	2019-20 Rs Lakhs
1.	Generating Assets	
	<i>Station wise</i>	
	Budge Budge	369929
	Southern	28215
	Titagarh	31278
	Total	429422
2.	Transmission Assets	
3.	Distribution Assets	993405
4.	Metering Assets	53729
5.	Others	23566
	Total Original Cost of Assets (1+2+3+4+5)	1500122

Notes:

- The particulars furnished above represent those relating to assets in use as on 31 March, 2020 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.


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED


Form 1.18 : Original Cost of Fixed Assets

Such distribution assets comprise overhead and underground 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	2019-20
	<i>Rs lakh</i>
Opening Balance	1450401
Addition to Fixed Assets	54289
	<hr/> 1504690
Normal Retirement of Assets	(-) 4568
Closing Balance	<hr/> 1500122 <hr/>


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.18 : Original Cost of Fixed Assets

8. Activity-wise details of additions / deletions to Fixed Assets during the year 2019-20 is as follows:

Ref.	Particulars	Addition Rs. Lakhs	Retirement Rs. Lakhs	Net Addition Rs. Lakhs
(1)	Generation Assets			
	<i>Station wise</i>			
	Budge Budge	2487	(-) 1705	782
	Southern	130	(-) 63	67
	Titagarh	-	-	-
	Total	2617	(-) 1768	849
(2)	Transmission Assets	-	-	-
(3)	Distribution Assets	47558	(-) 1598	45960
(4)	Metering Assets	2768	(-) 1064	1704
(5)	Other Assets	1346	(-) 138	1208
	Total Original Cost of Assets (1+2+3+4+5)	54289	(-) 4568	49721

Note: Asset addition considered by the Hon'ble Commission in Para 5.16.2 of the MYT Order was different. However, in Para 5.16.3 of the MYT Order, the Hon'ble Commission has 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 296 to 320 of the Supplementary 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, for 2019-20, addition to fixed asset took place under small schemes for which prior approval of the Hon'ble Commission was not necessary. Gross addition to fixed asset as per MYT Order is Rs. 66899 lakhs (as derived from column 4 of table under para 5.16.2 of the MYT Order, retirement of asset amounting to Rs. 6600 lakhs as per MYT petition submitted on 29 June 2018 and consumer contribution of Rs. 15000 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. 3330 Lakhs in Generation and Rs. 27084 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. 97313 lakhs. Against this, audited actual addition to gross fixed asset is a lower figure of Rs. 54289 lakhs.


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

Ref.	Particulars	2019-20 Rs Lakhs
1.	Opening Balance	9274
2.	Add: Capital Expenditure for the year [as per Form 1.19(a)]	56574
3.	Less : Amount transferred to Fixed Assets	54289
4.	Closing Balance	11559

Form 1.18(b) : Intangible Assets

Ref.	Particulars	2019-20 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)	-


 MANAGING DIRECTOR (DISTRIBUTION)
 CESC LIMITED

Form 1.18(c)(i) : Investments

<i>Ref.</i>	<i>Particulars</i>	<i>2019-20 Rs. Lakhs</i>
1.	Investment made out of appropriation to Reserve for Unforeseen Exigencies from 2006-07 to 2018-19	26043
	Total	26043

Note :

Investments shown above include investments actually made upto the year 2019-20, 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>2019-20 Rs. Lakhs</i>
	Income on Investment made out of appropriation to Reserve for Unforeseen Exigencies from 2006-07 to 2018-19	1867
	Total	1867

Note :

Income from investment made out of appropriation to Reserve for Unforeseen Exigencies has been re-invested in terms of the directions of the Hon'ble Commission and hence not included above.

Form 1.19(a) : Capital Expenditure

Rs. Lakhs

Ref	Particulars	2019-20
	General Capital Expenditure	
1.	Generation Capital Expenditure	
	<i>Station wise</i>	
	Budge Budge	2844
	Titagarh	-
	Southern	128
	Overall Generation Capital Expenditure	2972
2.	Transmission Capital Expenditure	-
3.	Distribution (General) Capital Expenditure	38539
4.	Others	3524
5.	Special Distribution Projects	11539
	Overall Distribution Capital Expenditure (3+4+5)	53602
	Total Capital Expenditure	56574

Notes :

- Capital expenditure for the year 2019-20 shown above has been arrived at duly considering the effect of allocation of various expenses including interest to capital account.
- "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		2019-20 Rs. Lakhs As per Petition
	General capital expenditure		
(a)	Generation capital expenditure		
	Budge Budge Generating Station		3157
	Titagarh Generating Station		-
	Southern Generating Station		173
	New Cossipore Generating Station		-
	Total generation capital expenditure	A	3330
(b)	Transmission capital expenditure	B	-
(c)	Distribution (General) capital expenditure		
	Meters		3064
	AMI System		500
	House Service connections		12068
	MCB		700
	Street Light Metering		500
	Power Factor Controllers and other Power Loss prevention activities		1875
	MV Mains		10307
	Aerial Bunched Cables		743
	HVDS		500
	Network formation with Co-Axial cable in theft-prone areas and specially designed modified pillar box for theft-prone areas		1000
	Distribution Transformers (Incl. Refurbishment)		3243
	Modified Pillar Box		1000
	DTR Metering with AMR		78
	Model Distribution Area Network		500
	Distributed Power Capacitor-HV		25
	HV Switchgear		1184
	HV Mains (6/11 kV level)		7759
	11kV Network Upgradation		500

MANAGING DIRECTOR (DISTRIBUTION)
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Ref	Particulars		2019-20 Rs. Lakhs As per Petition
	Replacement/Retrofitting & Extension of 6/11 KV Switchboards at Distribution Stations		500
	Fire Fighting equipment at existing Distribution stations		250
	132kV and 33kV Capacitor bank at S/S		10
	New / capacity augmentation at distribution stations and 33kV GIS at distribution stations		4430
	EHV Mains Network Reorganisation (33 kV and above)		3123
	Replacement of old and outlived 33/6kV Transformers		800
	Fire Fighting equipment at existing Receiving & Substations		350
	Miscellaneous capital expenditure		4170
	IDC		-
	Distribution (General) capital expenditure	C	59179
(d)	Other capital expenditure	D	5266
(e)	Special Distribution projects	E	22432
(f)	Overall Distribution Capital Expenditure	F = C + D + E	86877

Form 1.19(b) : Overall Capital Expenditure

Ref	Particulars		2019-20	Remarks
			Rs. Lakhs Actuals	
(a)	General capital expenditure			
	Generation capital expenditure			
	Budge Budge Generating Station		2844	Replacement, refurbishment of various equipment and component, Technology absorption / upgradation due to obsolescence of existing technologies / systems. Environment compliance, Generation capability sustenance /Reliability improvement
	Titagarh Generating Station		-	
	Southern Generating Station		128	Replacement, refurbishment of various equipment and component, improvement of Reliability & Efficiency. To ensure safety and security to plant and equipment
	New Cossipore Generating Station		-	
	Total generation capital expenditure	A	2972	
(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		2142	New supplies / replacement / statistical metering / improved accuracy /technology advancement
	AMI System		76	Advance metering Infrastructure with Smart Meters implementation started - a portion has been deferred
	House Service connections		8474	New supplies (excluding cost of meters & MCBs)
	MCB		790	Around 37000 MCBs for Existing and New Services - to provide operational safety and improve customer services
	Street Light Metering		125	For metering unmetered street light supplies. Less number of new supplies.
	Power Factor Controllers		197	Automatic Power Factor Controllers at Distribution Transformer LT level, to improve reactive power flow and voltage profile - a portion has been deferred
	MV Mains		6200	New supplies/ extension of load for existing consumers/ network reinforcement and upgradation to improve security of supply
	Aerial Bunched Cables		860	To provide safety and control losses
	Distribution Zone formation in theft-prone areas		592	For controlling losses in theft prone areas
	Network formation with Co-Axial cable in theft-prone areas and specially designed modified pillar box for theft-prone areas		1336	For controlling losses in theft prone areas
	Distribution Transformers (Incl. Refurbishment)		2487	Meeting load growth & improving security of supply - Procurement partially deferred in view of low load growth
	Modified Pillar Box		637	Improving operational safety
	DTR Metering with AMR		4	For better monitoring of DTR. Almost all DTRs are metered.
	HV Switchgear		683	Meeting load growth, Reinforcement / reorganisation of HV network to sustain security of supply and enhance operational flexibility & safety - PSS required for consumers
	HV Mains (6/11 kV level)		6227	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		321	Reduction of fire hazard, provision of additional feeder for meeting load growth	
Fire Fighting equipment at existing Distribution stations		900	For Upgrading/providing fire fighting equipment at existing Distribution Stations	


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Ref	Particulars		2019-20		Remarks
			Rs. Lakhs	Actuals	
	132kV and 33kV Capacitor bank at S/S			102	Management of reactive power & voltage profile 132kV Cap bank installed at New Cossipore S/S
	New / capacity augmentation at distribution stations and 33kV GIS at distribution stations			2128	Meeting load growth Sustaining security of supply Network flexibility
	EHV Mains Network Reorganisation (33 kV and above)			1835	Meeting load growth & Network reinforcement
	Replacement of old and outlived 33/6kV Transformers			514	Replacement of 2 No. Old 33/6 KV Power Transformers at 2 Distribution Stations with new 33/11-6 KV
	Fire Fighting equipment at existing Receiving & Substations			148	For Upgrading /providing fire fighting equipment at existing EHV Substations -Some Jobs deferred
	Miscellaneous capital expenditure			1761	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
	Distribution (General) capital expenditure	C		38539	
(d)	Other capital expenditure	D		3524	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.
	Special Distribution projects	E		11539	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		53602	

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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 by distribution licensees in small schemes if 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. Distribution 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, specially for network reorganization jobs. Under certain heads the actual expenditure are lower than the estimates, particularly in the area of Metering, MV Mains, Power factor Controllers, HV Mains, Procurement of new Distribution transformers, shown under "Distribution capital expenditure". Reasons for incurring lower expenditure than the estimates are indicated in the above statement. At the same time, the Company incurred slightly higher expenditure under certain heads than the estimates. 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. Capital expenditure was necessary for replacement / refurbishment of plant and equipment, adoption of new technology and obsolescence of old technology, improvement of plant reliability and efficiency and environmental, safety and security reasons. The details are provided in the notes below.
4. The Company respectfully prays that deferment of reasonable and prudent expenditure creates hindrance for the distribution licensee in taking up prudent practices and ultimately affects the end consumers negatively both financially as well as through inferior service quality.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
1	Replacement/Refurbishment		
a	Holding pond pipeline converted to 300NB from 200NB to cater to 4 pump recirculation.	33	Replacement/Refurbishment against spent life and improved flow dynamics
b	Retubing of unit 2 air heater.	412	To arrest air ingress and reduce Fan loading thereby reducing APC
c	Refurbishment of Dewatering Bin -2A.	35	Suffered extensive erosion & corrosion after 20 years in service
d	Neutron Generator for GCV analyser.	70	Refurbishment against spent life
e	Revamping of Cooling Tower (Unit 1 & Unit 2 & Unit 3).	53	Revamping to maintain efficiency of the units
f	Refurbishment of Unit-3 HP-LP Bypass valves.	96	Refurbishment as per OEM recommendation
g	Refurbishment of Wagon Tippler - 2 Side Bolster Arm	15	Refurbishment against spent life and as per OEM recommendation
h	Refurbishment of 1500.Ah YHP-29 Batteries of 220 V Switchyard Battery bank.	16	Refurbishment against spent life
i	Refurbishment of wash water GI pipes (Phase-2)	15	Refurbishment against spent life
j	Renewal of AC machines (1.5 to 2 Tonnes) [Phase-5]	10	Phase wise refurbishment against spent life
k	Painting of Unit-3 Cooling Tower structure	10	Painting required against accelerated corrosion in humid atmosphere of Cooling Tower area
l	Refurbishment of Unit 2 Primary Super Heater, Forced Flow Section, Reheater Horizontal, Platen Superheater, Final Superheater and Reheater Banks.	255	To reduce the possibility of tube leakages resulting unit outages
m	Fabrication and erection of Unit-3 back pass coil elements.	71	To reduce the possibility of tube leakages resulting unit outages
n	Overhaul of Rexroth make Actuators for Steam Stop Valves and Governing Control valves of BBGS Unit 3.	48	As per condition assessment and scheduled refurbishment as recommendation by the OEM for reliability of operation
o	Gas Baffle & accessories for Unit 2 generator.	72	Refurbishment as per OEM recommendation after prolonged use
p	Refurbishment of Underground & Overground Cable Racks.	12	Sections damaged due to corrosion after prolonged use
q	Roof Shed Repair.	37	Repair of Damaged sections after long usage

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
r	Buildings.	41	Repair of Damaged sections after long usage for safety and protection of assets
s	Roads.	27	Repair of Damaged sections after long usage
t	CHP structural refurbishment	15	As per health assessment & recommendation by M/s CMERI in phases
u	Drain augmentation	17	Rectification of supports of drain lines and refurbishment of damaged sections to prevent waterlogging
2	Obsolescence and Technology absorption		
a	DCS Upgradation of I/O modules for Unit 2.	73	Upgradation against obsolescence of hardware and software
b	EHG/SAM/AVR/TSE Upgradation.	41	Upgradation against obsolescence of hardware and software
c	Supply & Installation Of Upgraded Version Of Battery Charger of Unit 2 24V system	9	Upgradation against obsolescence
3	Environmental Requirement		
a	Conversion of Administrative Building into Green Building.	62	For energy efficiency & sustainability
b	Installation of outdoor Digital Display board for Ambient air quality and Stack emission data display.	13	Environmental compliance requirement
4	Improvement of Reliability & Efficiency		
a	Remote Monitoring Station.	209	Enhancement of reliability by use of advanced data analytics to predict possible failures
b	Turbine and Generator Overhauling and Refurbishment for Unit 3.	376	Enhancement of reliability and sustenance of efficiency of Turbo-Generator set by refurbishment during major outage
c	Refurbishment and procurement of special tools and fixtures required for major TG overhauling of BBGS Unit no. 2.	35	Procurement is required against damaged existing set. An essential item to enable Generator overhauling including RLA study.
d	U#3 Air Heater Basket renewal.	272	For enhancement of efficiency, reliability & prevention of fire hazards
e	High energy drain valves Unit 2 (Phase-2).	50	To arrest energy loss from defective valves
f	Replacement of Wind box internals (PF & Vent air nozzle assembly) for Unit 2.	109	For improvement of reliability of Boiler as Deformed/damaged internals lead to pulverised fuel leakages and fire hazard which can lead to outages
	Refurbishment of Unit 3 Coal Burner assembly.	26	To maintain combustion efficiency

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

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
	Unit 3 PA Fan 2nd stage blade assembly.	89	To guard against blade failure and consequent prolonged loss of generation
	Procurement of Unit-1/2/3 ID fan Voith internals.	30	To maintain efficiency and reliability
	PLC for CW Power Pack	10	For enhanced reliability
	ESP Hopper Heater "ON" time optimization	22	For enhanced Energy efficiency
	CGL 132 KV breaker pole overhauling and procurement of 1 complete gang operated breaker.	20	For reliability enhancement after prolonged continuous operation
	Procurement of THEJO make Pressure Bag type Vulcanizing press for splicing of Conveyor Belt.	15	For reduced downtime and increased availability of critical coal conveyor belts
	AC Plant cooling tower refurbishment & re location	19	Relocation necessary to prevent extensive corrosion damage to critical power cycle piping
	Grand Total	2844	

6. Details of Capital Expenditure for Southern Generating Station

Sl. No.	Area	Amount (Rs. Lakhs)	Justification
1	Replacement/Refurbishment		
a	Refurbishment of Non DM water bus from DM Plant to Boiler area.	14	To prevent frequent failures of worn out sections after long usage
b	Refurbishment of submersible drinking water pump along with the water tank at Turbine House Roof.	21	Replacement of corroded water tank and improved performance of pump
c	Infrastructure development and reinforcement related to buildings, roads and drains of SGS.	21	Refurbishment of damaged sections
2	Improvement of Reliability & Efficiency		
a	Refurbishment of Compressed air system.	6	Thorough refurbishment of air drier to maintain proper moisture content and improve reliability of the compressed air system and the units of the station
b	Refurbishment of underground fire water line	10	Refurbishment of damaged sections for maintaining fire safety
c	Replacement of Station Battery bank-1	46	Damaged and failure prone battery bank needs replacement as per OEM recommendation
4	Safety & Security		
a	Replacement of damaged illumination tower (lattice type) at FHP coal stack area	11	For safety & security
	Grand Total	128	

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

7. Actual capital expenditure in the year 2019-20 in respect of various special projects are given below:-

Sl.No.	Particulars	Expenditure (Rs. Lakh)	Remarks
1	Majerhat substation -33 kV GIS	671	11- Panel 33 kV GIS Commissioned in 2019-20
2	Prinsep Street substation	744	132 kV GIS (9 -Panel) commissioned in 2019-20
3	Majerhat substation - 132/33 kV MVA transformer	399	To replace old and outlived transformer and enhance capacity, commissioning in 2020-21
4	Kasba Receiving Station - 33 kV GIS	1657	17- Panel 33 kV GIS commissioned in 2019-20
5	EMSS (South) - 220 kV,132 kV, 33 kV GIS	3991	132 kV GIS (15 - Panel) and 220kV GIS (15 - Panel) commissioned in 2019-20
6	132 kV network reorganisation at Belur Receiving Station	106	Overhead line charged at 132 kV
7	220 kV underground circuit between Botanical Garden substation and WBSETCL Howrah substation	405	To replace old and outlived Gas Filled cable and commissioned
8	220 kV bay extension at WBSETCL Kasba substation (Deposit work)	230	To facilitate 2nd inlet at 220 kV from WBSETCL Kasba; target commissioning 2020-21
9	Botanical Garden substation - 132 kV GIS and 100 MVA T1	244	Balance jobs completed
10	132 kV underground Cable circuit from New Cossipore substation to B. T. Road	102	Balance jobs completed
11	WBSETCL (Liluah) - CESC (Belur Receiving Station) :underground Cabling	2633	Job undertaken to replace old, outlived and faulty Gas Filled cable, commissioning in 2020-21
12	Addition / Refurbishment of Miscellaneous Outdoor / Indoor Equipment at existing Receiving Stations and Substations and miscellaneous cabling	358	
		11539	

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	Ensuing 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				Base Year	one	Two	
(a)	Projectwise Generation Capital Expenditure												Actuals / Estimated			Projected
(b)	Transmission Capital Expenditure															
(c)	Distribution Capital Expenditure															
	Overall Capital expenditure (a+b+c)															

Note :

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



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.20(a) : Equity Base

Sl. No.	Particulars	Basis	2019-20 Rs. Lakhs
1	Actual Equity Base at the beginning of the year		783562
2	Admissible Equity Base at the beginning of the year		410396
3	Actual addition to Equity Base during the year		46836
4	Actual Equity Base at the end of the year	4=(1+3)	830398
5	Net addition to the original cost of fixed assets during the year (vide submission in Form 1.18)		49721
6	Less : Asset created in terms of Regulation 5.15.1(iv) of the Tariff Regulations		536
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		49185
	Normative Equity %		30%
8	Normative addition to Equity Base	8=(30% of 7)	14756
9	Addition to Equity base considered for the year	lower of 3 and 8	14756
10	Add : Asset created in terms of Regulation 5.15.1(iv) of the Tariff Regulations		536
11	Addition in Equity Base during the year for the purpose of computation of return	11=(9+10)	15292
12	Admissible Equity Base at the closing of the year	12=(2+11)	425687
13	Average Admissible Equity Base for allowing returns	13=(2+12)/2	418041

Notes :

- Figure under Item 1 is on the basis of the Supplementary Petition for 2018-19
- Equity contribution under item 11 above include proceeds from one time sale of assets of Rs. 536 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	2019-20
Generation Business		
Equity Base at beginning of the year	1	126069
Equity addition during the year	2	255
Equity Base at end of the year	3 = 1 + 2	126324
Distribution Business		
Equity Base at beginning of the year	4	284327
Equity addition during the year	5	15037
Equity Base at end of the year	6=4+5	299363

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

Sl. No.	Particulars	Derivative	2019-20 Rs. Lakhs
1	Opening gross normative debt	A1	11869
2	Less: Cumulative repayment of normative debt upto previous year	A2	11474
3	Opening net normative debt	$a = A1 - A2$	395
4	Actual addition to Debt towards Routine Capital Expenditure for the year	b	40000
5	Addition to the fixed assets during the year	c	56574
6	Normative Debt %	$d = 70\%$	70%
7	Normative addition to Debt for the year	$e = c \times d$	39605
8	Addition to Debt for the year to be considered to ARR	$f = \text{higher of } b \text{ and } e$	40000
9	Additional Gross Normative Debt during the year	$G1 = f - b$	-
10	Repayment of normative debt during the year	G2	395
11	Net additional gross normative debt during the year	$g = G1 - G2$	(-) 395
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
13	Average balance of net normative debt	$i = (a + h) / 2$	197
14	Weighted average rate of interest (actual average interest rate of Capex Loan)	j in %	8.94%
15	Allowable interest on normative debt	$k = i \times j$	18
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



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form 1.21: Special Allocations

Ref.	Particulars	2019-20 Rs. Lakhs	Comments
	<i>Special Allocations</i>		
(A)	Appropriation to Reserve for unforeseen exigencies	1867	Please refer to Note below and Form 1.18 (c) (ii)
	Less: Interest reinvested and appropriated	1867	
		-	
(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. Above appropriated sum stands duly invested. Auditors' Report and Certificate in this respect is enclosed in APR petition in page 208, Volume 3.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

Form 1.22 : Return on Equity

Ref.	Particulars	Basis	2019-20 Rs. Lakhs
(1)	Average Equity Base (a)	Form 1.20(a)	418041
(2)	Rate of Return (b)	%	16.20%
(3)	Return on equity (c)	$c = a \times b \times 0.01$	67715

Note :

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

2019-20

	Total Equity as on 31.3.2019	Equity for the period 2019-20	Total Equity as on 31.3.2020	Average Equity	Return percentage	Return for 2019-20
	Rs. Lakhs	Rs. Lakhs	Rs. Lakhs	Rs. Lakhs	%	Rs. Lakhs
A	126069	255	126324	126196	15.5%	19560
B	284327	15037	299363	291845	16.5%	48154
	410396	15292	425687	418041	16.20%	67715

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.

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CESC LIMITED

Form 1.23 : Incentive for Improved Performance

Ref	Particulars	Basis	2019-20 Rs. Lakhs
1.	Incentive in accordance with Para 1 of Schedule 10 of the Tariff Regulations	Detailed Calculation follow (in table 3)	1509
2.	Incentive in accordance with Para 3 of Schedule 10 of the Tariff Regulations	Detailed Calculation follow (in table 4)	234
3.	Incentive in accordance with Para 4 of Schedule 10 of the Tariff Regulations	Detailed Calculation follow (in table 5)	293
Total			2036

Notes :

1. All the power stations are thermal.

2. Operating Age of the Stations (as on October, 2019 as per Para 9 of Schedule 10 to the Tariff Regulations)		
Generating Stations	Operating Age	
	Budge Budge	Southern
Age	17.12 years	28.71 years
Category	B	D

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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	5352	307
	Target sent out units in accordance with Para 1 of Schedule 10, read with Para B of Schedule 9A	MU	4796	863
	Additional Units	MU	556	(-) 556
	Units sold, along with permissible losses, to persons other than consumers and WBSEDCL	MU	18	
	Additional Units net off above	MU	539	-
	Additional PLF %	%	8.0%	-
	Applicable Category as per Regulations		B	D
	Applicable Rate	Paise / Unit	28	
	Amount	Rs Lakhs	1509	-
	Overall	Rs. Lakhs	1509	

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	1.12	(-) 0.88
	Generation net of units used for sales to persons other than own consumers and WBSEDCL	MU	5862	338
	Applicable Rate	Paise/Unit	0.40	-
	Amount	Rs. Lakhs	234	-
	Overall	Rs. Lakhs	234	

MANAGING DIRECTOR (DISTRIBUTION)
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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
Age of the station	Years	>17 years	> 28 years
Ratio of Station Heat Rate to the Design Heat Rate in accordance with Para 4 of Schedule 10 of the Tariff Regulations		0.97	1.19
Applicable Rate	Paise/Unit	0.50	-
Generation net of units used for sales to persons other than own consumers and WBSEDCL	MU	5862	338
Amount	Rs. Lakhs	293	-
Overall	Rs. Lakhs	293	

Data are submitted in accordance with the Auditors' Report and Certificate furnished in the APR 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	2019-20 Rs. Lakhs	
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	77	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	532	Please refer to Notes 3 and 4
	TOTAL	609	



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

<i>Particulars</i>		<i>2019-20</i>
		<i>Rs. Lakhs</i>
a)	Revenue earnings by way of sales to persons other than the consumers	As per Auditors' Report and Certificate in the APR petition 631
b)	Expenses related to above	Please refer to Form 1.11 for details 478
c)	Net Income	(a-b) 154
d)	Benefit to consumers	50% of Revenue 77

The Company proposes to pass Rs. 77 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**

<i>Particulars</i>		<i>2019-20</i>
		<i>Rs. Lakhs</i>
a)	Revenue	252
b)	Attributable Cost	280
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).



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Form 1.24 : Benefits to be passed on to consumers3. **Income from Other Business****Consultancy Services**

Particulars		2019-20 Rs. Lakhs
a)	Revenue	75
b)	Attributable Cost	175
c)	Net Income (From Audited Accounts)	(a-b) (-) 101
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.

4. **User Fee**

Particulars		2019-20 Rs. Lakhs
	Revenue	From Audited Accounts 1331
	Benefit to Consumers	40% of Net Revenue 532

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 in the APR petition, Volume 3, page 194). Therefore, further deduction of expenses is not required while arriving at the Aggregate Revenue Requirement for the year.


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Form 1.25: Receipts from Sale of Energy

Ref.	Particulars	2019-20 Rs. Lakhs
	Receipts from Sale of Energy	728981

Notes :

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 did not receive any subsidy for the year 2019-20.

Revenue Details

Ref.	Particulars	2019-20 Rs. Lakhs
1.	Earnings from Sale of electricity as per the Audited Accounts	764564
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 in the APR petition, page 188, Volume 3)	12314
3.	Less: Adjustments on allowable fixed cost for 2019-20 (please see Note 3 below)	23409
4.	Add : Contribution for Festival	140
5.	Actual Revenue realised from sale of energy to own consumers and WBSEDCL	728981

2. Aforesaid revenue details would undergo change on the basis of arrear adjustments due to subsuming of MVCA into energy charge vide paragraph 7.3.5 of the Tariff order for 2018-19 and 2019-20 dated 3 February 2020 and consequential effect on rebates and surcharges. The resulting shortfall in APR claim may be prayed for through future petition(s).

3. Adjustment of Fixed Cost allowable for Distribution Loss

Particulars	Units	2019-20 Rs. Lakhs
Overall Revenue Requirement claimed for 2019-20	Rs Lakhs	844552
Sales to own consumers and WBSEDCL for 2019-20	MU	9999
Rate of sales	Paise/Unit	845
Units saved through reduction of Distribution Loss	MU	699
Overall Savings	Rs Lakhs	59032
Less: Consumer Share in terms of Para C, Schedule 9B of the Tariff Regulations	Rs Lakhs	14758
Less: Savings already claimed in FPPCA Petition (Volume 1, Page 50)	Rs Lakhs	20865
Balance Savings on account of fixed cost	Rs Lakhs	23409


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Form 1.26: Income other than sale of Energy

Ref.	Particulars	2019-20 Rs. Lakhs	Comments
A.	<i>Income derived from :</i>		
(i)	Rental of meters and other apparatus hired out	5236	From Audited Accounts. Please refer to Note 1 hereinafter
(ii)	Testing & Reconnection Charges/Sale and repair of lamp etc.	200	
(iii)	Transfer Fees (Service connection fees)		
(iv)	Income from Investments and Bank Balances etc.	109	Please refer to Note 2 hereinafter
(v)	Surcharge for Late Payments	3360	From Audited Accounts. Please refer to Note 1 hereinafter
(vi)	Income from jobs at Consumer premises		
(vii)	Wheeling Charges		
(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	1608	From Audited Accounts. Please refer to Note 1 hereinafter
(xiii) (b)	Consumer Contribution	10029	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>	20541	
B.	Net receivable UI Charges for the previous year		
	Total	20541	

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

- Income other than sale of energy shown hereinbefore of Rs. 20541 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 2019-20

Particulars		Reference
Surplus Investible Fund at the beginning of the year	124792	Closing balance from last year's APR Petition
Profit for the year 2019-20	78430	Page 91 of Audited Accounts of 2019-20 & Note 32 , Page 112 of Audited Accounts of 2019-20
Dividend for the year	(-) 31960	Page 108 of Audited Accounts
Appropriation towards Reserve for unforeseen exigencies	(-) 1867	Form 1.21
Equity Contribution in 2019-20	(-) 14756	30% of net addition to capital assets
	154640	
Interest on above @ 5%	7732	
Total Income from Retained Earnings / Share Issue Proceeds	7732	



MANAGING DIRECTOR (DISTRIBUTION)
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Form 1.26: Income other than sale of Energy

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.

3. Overall Reconciliation

<i>Particulars</i>	<i>Rs. Lakhs</i>	<i>Reference</i>
Total Other Income	33617	Please see Note 32 & 33, Page 112 of Audited Accounts
Interest Income from investment towards unforeseen exigencies reserve	(-) 1867	Please see Form 1.18 (c) (ii), Auditors' Report & Certificate in Annex C12 of APR Petition, page 208, Volume 3
Income from Other Auxiliary Services (Advertisement on bill face etc.)	28	Please see Note 2, Form 1.24
Ind AS Adjustments	(-) 268	
User Fee	(-) 1331	Please see Note 4, Form 1.24
Miscellaneous Debits not claimed	101	Please see Note 3, Form 1.24
Earnings from sale of traded goods	(-) 2006	
Interest Income from retained profits / share issue proceeds	(-) 7732	Please see Note 2 hereinbefore
Total Income other than sale of energy (non-tariff income)	20541	



**MANAGING DIRECTOR (DISTRIBUTION)
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Form 1.27 : Wheeling Charge

Ref.	Particulars	2019-20
1.	Employee Cost	
2.	Other Administrative & General Charges	
3.	Rent, Rates & Taxes	
4.	Legal Charges	
5.	Auditors Fees	
6.	Repairs & Maintenance incl. Consumables	
7.	Interest	
8.	Foreign Exchange Rate Variation	
9.	Other Financing Charges	
10.	Interest on Consumers Security Deposits	
11.	Lease Rental	
12.	Depreciation	
13.	Advance against depreciation	
14.	Intangible Asset Write off	
15.	Reserve for unforeseen exigencies	
16.	Bad Debt	
17.	Tax	
18.	Normative Return	
19.	Permitted Incentives	
20.	Special Allocations	
21.	Others	
22.	Gross total expenses (sum 1 to 21)	
23.	Less : Income from other than energy sales (reduced by Receipt from Wheeling Charges)	
24.	Less : Interest Credit on Depreciation	
25.	Less : Net Receivable UI Charges for the Previous Year	
26.	Less : Others	
27.	Gross Deductions (sum 23:26)	
A	Net Charges (22-27)	
a)	Units sold to own Consumers	
b)	Units for sale to WBSEDCL	
B.	Overall Units (a+b)	
C.	Wheeling Charge rate (A/B) - paise per unit	

Note :

This form is not applicable for 2019-20 as there was no wheeling of electricity.

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.	2014-15	14.9.2015			
2	2015-16	8.9.2016			
3	2016-17	25.9.2017			
4	2017-18	4.2.2019			
5	2018-19	2.9.2019			
6	2019-20	21.9.2020			
7	2020-21	31.3.2022			

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Budge Budge Generating Station

Planned / Forced Maintenance (2019-20)

Unit No.	Outage						Duration in Hrs	Nature (Planned / Forced)	Summary Details
	From		To		Time	Time			
	Date	Time	Date	Time					
1	07-Jul-19	21:34	09-Jul-19	16:16	42:42	Forced	Economiser tube leak		
	31-Oct-19	23:58	09-Nov-19	03:07	195:09	Planned	Annual Survey		
	27-Nov-19	02:45	27-Nov-19	04:17	01:32	Forced	Tripped due to System Disturbance		
	01-Sep-19	00:09	01-Sep-19	05:54	05:45	Forced	Carbon Brush Maintenance		
	10-Nov-19	01:45	29-Nov-19	18:26	472:41	Planned	Annual Survey		
	29-Nov-19	23:54	03-Dec-19	19:29	91:35	Forced	High temp at Turbine bearing		
	08-Dec-19	11:22	11-Dec-19	16:11	76:49	Forced	Economiser tube leak		
2	08-Jan-20	23:58	10-Jan-20	13:10	37:12	Forced	Economiser tube leak		
	12-Jan-20	23:47	13-Jan-20	03:19	03:32	Forced	High Boiler Drum Level		
	13-Jan-20	23:44	15-Jan-20	18:49	43:05	Forced	Boiler Miscellaneous Problem		



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Budge Budge Generating Station

Planned / Forced Maintenance (2019-20)

Unit No.	Outage						Duration in Hrs	Nature (Planned / Forced)	Summary Details
	From			To					
	Date	Time	Date	Date	Time	Time			
3	14-Apr-19	16:35	16-Apr-19	16-Apr-19	00:05	31:30	Forced	Economiser tube leak	
	16-Apr-19	04:48	16-Apr-19	16-Apr-19	17:45	12:57	Forced	Air Heater Problem	
	18-Apr-19	10:29	18-Apr-19	18-Apr-19	13:06	02:37	Forced	Tripped through Reverse Power Relay	
	26-Apr-19	17:58	26-Apr-19	26-Apr-19	20:14	02:16	Forced	Tripped through Reverse Power Relay	
	29-Apr-19	01:18	29-Apr-19	29-Apr-19	04:36	03:18	Forced	Taken offbar for replacement of L/S Relay	
	19-Nov-19	21:57	20-Nov-19	20-Nov-19	03:16	05:19	Forced	Generator Miscellaneous Problem	
	27-Nov-19	02:45	27-Nov-19	27-Nov-19	05:16	02:31	Forced	Tripped due to System Disturbance	
	04-Dec-19	23:13	24-Dec-19	24-Dec-19	21:22	478:09	Planned	Annual Survey	



MANAGING DIRECTOR (DISTRIBUTION)
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Planned Repairs and Maintenance / Forced Outage / Major Repairs for Generation Plants
Southern Generating Station
Planned / Forced Maintenance (2019-20)

Unit No.	Outage				Duration in Hrs	Nature (Planned / Forced)	Summary Details
	From Date	From Time	To Date	To Time			
1	09-Apr-19	13:28	09-Apr-19	18:30	05:02	Forced	Turbine Miscellaneous problem
	25-Jul-19	10:00	10-Aug-19	14:00	388:00	Planned	Annual Survey
	27-Jan-20	13:00	28-Jan-20	24:00	35:00	Forced	Maintenance work in condenser cooling water discharge bus
2	04-Jul-19	18:26	06-Jul-19	10:00	39:34	Forced	Tube leakage at Furnace Wall near Corner- 3
	27-Jan-20	13:00	28-Jan-20	24:00	35:00	Forced	Maintenance work in condenser cooling water discharge bus



MANAGING DIRECTOR (DISTRIBUTION)
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Details of Depreciation chargeable to revenue account for the year 2019-20

FORM-B

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
	31.03.2019				1.80%	2.57%	3.60%	6.00%	12.85%	18.00%	33.33%	Land- LH				31.03.2020
	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	Rs Lakhs
A. Generating Assets																
Cost	428573	2617	224093	204534	18453	-	180076	617	71	212	97	5008	795	431190	1768	429422
Depreciation for the year					329	-	5824	37	9	35	32	150				6416
B. Distribution Assets																
Cost	947445	47558	64836	926157	29578	218063	654256	17136	880	1453	437	4354	2412	995003	1598	993405
Depreciation for the year					516	5554	22738	1001	113	226	145	58				30351
C. Metering Assets																
Cost	52025	2768	12335	41394	-	-	-	20820	20574	-	-	-	-	54793	1064	53729
Depreciation for the year					-	-	-	1249	2517	-	-	-	-			3766
D. Other Assets																
Cost	22358	1346	5065	17205	4046	-	2092	8434	880	1454	299	-	1296	23704	138	23566
Depreciation for the year					72	-	68	502	113	226	98	-				1079
Overall																
Cost	1450401	54289	306329	1189290	52077	218063	836424	47007	22405	3119	833	9362	4503	1504690	4568	1500122
Depreciation for the year					917	5554	28630	2789	2752	487	275	208				41612

Less Depreciation on assets created by utilising proceeds from sale of old assets

392

Total Depreciation (net)

41220

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 MYT 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. 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.



MANAGING DIRECTOR (DISTRIBUTION)
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STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2019	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
A.	On Capital Account								
(i)	Rupee Term Loans/Debentures (Banks & Financial Institutions) IDFC	5000	625	9.21%	500	Rs 125 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	41	125
(ii)	IDFC	5000	625	9.21%	500	Rs 125 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	41	125
(iii)	IDBI	15000	1500	8.88%	1500	Rs 375 lakhs on Apr 19, Jul 19, Oct 19, Jan 20	-	50	-
(iv)	PSB	10000	1000	8.68%	1000	Rs 250 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	54	-
(v)	BOB	12500	1250	8.49%	1250	Rs 312.50 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	67	-
(vi)	IDBI	4000	800	8.88%	400	Rs 100 lakhs on Apr 19, Jul 19, Oct 19, Jan 20	-	49	400
(vii)	IDBI	6000	1200	8.88%	600	Rs 150 lakhs on Apr 19, Jul 19, Oct 19, Jan 20	-	74	600
(viii)	IDFC	15000	3375	9.21%	1500	Rs 375 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	259	1875
(ix)	YES Bank	5000	1000	10.25%	500	Rs 125 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	83	500
(x)	Union Bank	10000	2000	8.56%	1000	Rs 250 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	135	1000
(xi)	ICICI Bank	1069	246	10.30%	118	Rs 58.79 lakhs on Sep 19 and Mar 20	-	23	128
(xii)	ICICI Bank	8500	1955	10.30%	935	Rs 467.50 lakhs on Sep 19 and Mar 20	-	180	1020
(xiii)	SCB	20250	5625	9.90%	2250	Rs 1125 lakhs on Jun 19 and Dec 20	-	488	3375
(xiv)	PSB	10000	3000	8.68%	1000	Rs 250 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	228	2000
(xv)	ICICI	9500	4381	9.60%	762	Rs 190.50 lakhs on Apr 19, Jul 19, Oct 19, Jan 20	-	379	3619
(xvi)	HDFC	20000	8000	8.64%	2000	Rs 500 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	629	6000
(xvii)	PSB	5500	1925	8.68%	550	Rs 137.50 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	150	1375
(xviii)	Union Bank	10000	4250	8.56%	1000	Rs 250 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	333	3250



MANAGING DIRECTOR (DISTRIBUTION)
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STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2019	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xix)	HDFC	15000	6000	8.64%	1500	Rs 375 lakhs on Apr19, Jul 19, Oct 19, Jan 20	-	451	4500
(xx)	Union Bank	12500	6250	8.56%	1250	Rs 312.50 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	496	5000
(xxi)	Union Bank	7000	3763	8.56%	684	Rs 171 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	301	3079
(xxii)	SBI	35000	14000	8.79%	3500	Rs 875 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	1116	10500
(xxiii)	HDFC	12500	5625	8.64%	1250	Rs 312.50 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	447	4375
(xxiv)	UNION Bank	3000	1737	8.56%	316	Rs 79 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	139	1421
(xxv)	UNION Bank	17500	11100	8.56%	1600	Rs 400 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	906	9500
(xxvi)	ICICI	25000	15278	9.68%	2778	Rs 1389 lakhs in Jun 19 & Dec 19	-	1340	12500
(xxvii)	PSB	9500	6650	8.68%	950	Rs 237.50 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	550	5700
(xxviii)	PSB	5000	3500	8.68%	500	Rs 125 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	289	3000
(xxix)	ICICI	10000	8350	9.67%	1300	Rs 650 lakhs on May 19 & Nov 19	-	734	7050
(xxx)	PNB	10000	7727	8.43%	909	Rs 227.27 lakhs on Apr19, Jul 19, Oct 19, Jan 20	-	612	6818
(xxxi)	IDBI	20000	15909	8.91%	1818	Rs 454.54 lakhs on Apr19, Jul 19, Oct 19, Jan 20	-	1337	14091
(xxxii)	HDFC	12500	9063	8.64%	1250	Rs 312.50 lakhs on Apr 19, Jul 19, Oct 19 and Jan 20	-	728	7813
(xxxiii)	KARNATAKA	10000	7250	8.20%	1000	Rs 250 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	565	6250
(xxxiv)	CENTRAL BANK	12500	10938	8.48%	1250	Rs 312.50 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	892	9688
(xxxv)	SBI	10000	8750	8.54%	1000	Rs 250 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	717	7750

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2019	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	Loan for FY 2017-18								
(xxxvi)	SBI	30000	26250	8.54%	3000	Rs 750 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	2151	23250
(xxxvii)	KARNATAKA	10000	8500	8.00%	1000	Rs 250 lakhs on May 19, Aug 19, Nov 19, Feb 20	-	645	7500
(xxxviii)	HDFC	12500	8250	8.64%	1000	Rs 250 lakhs on May 19, Aug 19, Nov 19, Feb 20	-	675	7250
(xxxix)	Loan for FY 2018-19								
	HDFC	12500	12500	8.66%	-			1083	12500
	PSB	14300	14300	8.61%	-			1236	14300
	BOB	20000	20000	8.49%	-			1698	20000
(xl)	Loan for FY 2019-20								
	UNION	20000	0	8.60%	-		10000	680	10000
	SBI	30000	0	8.55%	-		30000	1288	30000
	Loan for Budge Budge Unit 3								
(xli)	IDBI	20000	2000	8.91%	2000	Rs 500 lakhs on Apr19, Jul 19, Oct 19, Jan 20	-	67	-
(xlii)	ICICI	20000	5518	9.70%	960	Rs 240 lakhs on Apr 19, Jul 19, Oct 19, Jan 20	-	477	4558
(xliii)	PNB	15000	1500	8.43%	1500	Rs 375 lakhs on Apr19, Jul 19, Oct 19, Jan 20	-	36	-
(xliv)	ICICI Bank	431	99	10.30%	47	Rs 23.72 lakhs on Sep 19 and Mar 20	-	9	52
	Total Capex Rupee Loans	604050	283563		49727		40000	24929	273836
	Normative Loan		395	8.94%	395		-	18	-
			395		395		-	18	-
	Total Interest on Capital Account							24947	



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2019	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
B	ON REVENUE ACCOUNT								
(i)	Short Term Loan including Temporary Accommodation								
	SBI	4000	4000	8.25%	4000	Rs 1000 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	207	-
	ICICI	4327	4327	9.75%	4327	Rs 480.77 lakhs monthly from Apr 19 to Dec 19	-	167	-
	CITI	25000	25000	8.30%	25000	Rs 25000 lakhs on Mar 20	-	1790	-
	CITI	16663	16663	7.80%	16663	Rs 16663 lakhs on Dec 19	-	925	-
	ICICI	14286	5714	9.40%	5714	Rs 1428.57 lakhs on May 19, Aug 19, Nov 19, Feb 20	-	1131	8571
	ICICI	7857	2857	9.40%	2857	Rs 714.29 lakhs on Apr 19, Jul 19, Oct 19, Jan 20	-	607	5000
	ICICI	28500	3000	8.30%	3000	Rs 750 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	2322	25500
	BOB	2813	750	8.85%	750	Rs 187.5 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	256	2063
	ICICI	15938	4250	8.85%	4250	Rs 1062.5 lakhs on Jun 19, Sep 19, Dec 19, Mar 20	-	1451	11688
	RBL	20000	-	9.50%	-	Rs 250 lakhs on Sep 19, Dec 19, Mar 20	-	1850	20000
	KOTAK	10000	750	8.30%	750		-	822	9250
	AXIS	20000	-	8.60%	-		10000	1655	20000
	BOB	-	-	8.70%	-		5700	679	10000
	PSB	-	-	8.61%	-		493	<93	5700
	DBS	-	-	7.80%	-		25000	43	25000
	DBS	-	-	7.53%	-		17000	28	17000
	CITI	-	-	7.75%	-		35000	15	35000
	AXIS	-	-	7.64%	-		17000	50	17000
	CITI	-	6000	8.75%	6000	Repaid on 09-Apr-19	6000	10	-
	DBS	-	6000	8.75%	6000	Repaid on 16-Apr-19	6000	10	-
	DBS	-	4000	8.75%	4000	Repaid on 03-May-19	4000	7	-
	DBS	-	2500	8.30%	2500	Repaid on 07-May-19	2500	4	-
	HDFC	-	4000	8.75%	4000	Repaid on 10-May-19	4000	7	-
	DBS	-	3500	8.30%	3500	Repaid on 14-May-19	3500	6	-
	HDFC	-	3000	8.85%	3000	Repaid on 17-May-19	3000	5	-
	DBS	-	8	8.55%	8	Repaid on 10-Jun-19	8	0	-
	ICICI	-	352	8.55%	352	Repaid on 11-Jun-19	352	1	-
	ICICI	-	2000	8.30%	2000	Repaid on 11-Jun-19	2000	3	-
	HDFC	-	434	9.75%	434	Repaid on 28-Jun-19	434	1	-
	SCB	-	300	9.75%	300	Repaid on 31-Jul-19	300	1	-
	SCB	-	357	8.45%	357	Repaid on 01-Aug-19	357	1	-
	ICICI	-	3000	8.05%	3000	Repaid on 06-Sep-19	3000	5	-
	SBI	-	330	9.75%	330	Repaid on 18-Sep-19	330	1	-
	SCB	-	6000	9.95%	6000	Repaid on 04-Oct-19	6000	11	-
	IDBI	-	3000	7.95%	3000	Repaid on 04-Oct-19	3000	5	-
	SBI	-	7300	8.00%	7300	Repaid on 04-Oct-19	7300	11	-
	UNION	-	3000	7.85%	3000	Repaid on 04-Oct-19	3000	5	-
	HDFC	-	1000	7.85%	1000	Repaid on 09-Oct-19	1000	2	-
	HDFC	-	-	-	-	-	-	-	-



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2019	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	SCB			9.75%	14	Repaid on 21-Nov-19	14	0	-
	SCB			9.75%	1093	Repaid on 28-Nov-19	1093	2	-
	DBS			8.20%	1500	Repaid on 06-Dec-19	1500	2	-
	DBS			8.20%	2500	Repaid on 07-Dec-19	2500	4	-
	HDFC			7.80%	4500	Repaid on 13-Dec-19	4500	7	-
	DBS			8.05%	7500	Repaid on 16-Dec-19	7500	15	-
	DBS			8.05%	2500	Repaid on 16-Dec-19	2500	5	-
	DBS			9.50%	179	Repaid on 17-Dec-19	179	0	-
	SCB			7.80%	7300	Repaid on 17-Dec-19	7300	16	-
	UNION			7.80%	4500	Repaid on 20-Dec-19	4500	7	-
	HDFC			7.00%	4500	Repaid on 10-Jan-20	4500	17	-
	HDFC			9.65%	9800	Repaid on 01-Jan-20	9800	23	-
	BOB			9.50%	10000	Repaid on 02-Jan-20	10000	26	-
	DBS			7.80%	1000	Repaid on 02-Jan-20	1000	2	-
	SBI			8.05%	1987	Repaid on 21-Feb-20	1987	26	-
	ICICI			7.80%	7300	Repaid on 02-Jan-20	7300	16	-
	UNION			9.95%	6000	Repaid on 02-Jan-20	6000	16	-
	IDBI			11.00%	10000	Repaid on 01-Jan-20	10000	24	-
	SCB			6.80%	20000	Repaid on 29-Jan-20	20000	112	-
	AXIS			8.05%	10000	Repaid on 17-Jan-20	10000	33	-
	DBS			7.80%	1000	Repaid on 13-Jan-20	1000	2	-
	SBI			7.80%	7300	Repaid on 17-Jan-20	7300	22	-
	UNION			6.75%	4500	Repaid on 10-Feb-20	4500	26	-
	HDFC			7.80%	2500	Repaid on 28-Jan-20	2500	8	-
	SBI			8.05%	10000	Repaid on 27-Jan-20	10000	22	-
	DBS			7.70%	7300	Repaid on 19-Feb-20	7300	46	-
	UNION			7.30%	9500	Repaid on 24-Feb-20	9500	53	-
	DBS			6.80%	20000	Repaid on 07-Mar-20	20000	142	-
	FEDERAL			7.80%	2500	Repaid on 13-Feb-20	2500	8	-
	SBI			8.00%	25	Repaid on 26-Feb-20	25	0	-
	ICICI			6.80%	10000	Repaid on 24-Feb-20	10000	34	-
	FEDERAL			9.75%	46	Repaid on 17-Feb-20	46	0	-
	SCB			6.65%	4500	Repaid on 11-Mar-20	4500	25	6000
	HDFC			9.95%	9800	Repaid on 13-Mar-20	9800	79	-
	IDBI			7.55%	9900	Repaid on 27-Feb-20	9900	74	-
	BOB			9.50%	2500	Repaid on 13-Mar-20	2500	36	-
	IDFC			7.75%	2500	Repaid on 31-Mar-20	2500	15	-
	SBI			6.25%	7300	Repaid on 02-Mar-20	10000	72	10000
	HDFC			7.80%	2021	Repaid on 31-Mar-20	7300	62	-
	UNION			9.75%	1968	Repaid on 18-Mar-20	2021	4	-
	SCB			7.42%	9900	Repaid on 05-Mar-20	9500	70	9500
	DBS			8.00%	3500	Repaid on 05-Mar-20	1968	16	-
	ICICI			9.50%			9900	52	-
	IDFC			10.80%			3500	7	-
	SCB								

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Original Amount of Loan	Outstanding as on 31.03.2019	Normal Rate of Interest	Repayment	Repayment Date	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	FEDERAL			6.80%			10000	63	10000
	PNB			8.40%			9000	70	9000
	SCB			10.80%	67	Repaid on 06-Mar-20	67	0	-
	SCB			9.75%	2149	Repaid on 09-Mar-20	2149	4	-
	AXIS			6.80%			30000	168	30000
	SCB			9.75%	430	Repaid on 10-Mar-20	430	1	-
	FEDERAL			6.80%			20000	78	20000
	BOB			7.70%			10000	44	10000
	BOB			7.55%			9900	39	9900
	HDFC			6.50%			4500	15	4500
	SBI			7.60%	2500	Repaid on 31-Mar-20	2500	9	5000
	IDFC			10.50%	557000		497000	22	30000
	Commercial Paper as per RBI Guidelines		90000					6135	
	TOTAL		259382		923767		1030057	22457	365671
(ii)	Other Short Term Loans							4522	
	GRAND TOTAL INTEREST (A+B)							51927	

Notes:

- 1) All the above loans mentioned in (i) to (xiv) 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).



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Budget Budge Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20
(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
A.	On Capital Account					
(i)	Rupee Term Loans/Debentures (Banks & Financial Institutions) IDFC	29	23	-	2	6
(ii)	IDFC	13	10	-	1	3
(iii)	IDBI	31	31	-	1	-
(iv)	PSB	38	38	-	2	-
(v)	BOB	48	48	-	3	-
(vi)	IDBI	31	15	-	2	15
(vii)	IDBI	46	23	-	3	23
(viii)	IDFC	226	100	-	17	125
(ix)	YES Bank	67	33	-	6	33
(x)	Union Bank	134	67	-	9	67
(xi)	ICICI Bank	16	8	-	2	9
(xii)	ICICI Bank	55	26	-	5	29
(xiii)	SCB	159	64	-	14	95
(xiv)	PSB	85	28	-	6	57



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Budget Budge Allocation
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20
(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xv)	ICICI	124	22	-	11	102
(xvi)	HDFC	232	58	-	18	174
(xvii)	PSB	56	16	-	4	40
(xviii)	Union Bank	123	29	-	10	94
(xix)	HDFC	174	43	-	13	130
(xx)	Union Bank	181	36	-	14	145
(xxi)	Union Bank	66	12	-	5	54
(xxii)	SBI	244	61	-	19	183
(xxiii)	HDFC	98	22	-	8	76
(xxiv)	Union Bank	73	13	-	6	60
(xxv)	UNION	465	67	-	38	398
(xxvi)	ICICI	640	116	-	56	524
(xxvii)	PSB	279	40	-	23	239
(xxviii)	PSB	211	30	-	17	181
(xxix)	ICICI	504	78	-	44	426
(xxx)	PNB	466	55	-	37	412



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Budget Budge Allocation
Form C

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xxxi)	IDBI	960	110	-	81	851
(xxxii)	HDFC	814	112	-	65	701
(xxxiii)	KARNATAKA	651	90	-	51	561
(xxxiv)	CENTRAL BANK	982	112	-	80	870
(xxxv)	SBI	786	90	-	64	696
	Loan for FY 2017-18					
(xxxvi)	SBI	1120	128	-	92	992
(xxxvii)	KARNATAKA	363	43	-	28	320
(xxxviii)	HDFC	352	43	-	29	309
	Loan for FY 2018-19					
(xxxix)	HDFC	520	-	-	45	520
	PSB	595	-	-	51	595
	BOB	832	-	-	71	832
	Loan for FY 2019-20					
(xl)	UNION	-	-	503	34	503
	SBI	-	-	1508	65	1508



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Budget Budge Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	Budge Budge Project Loan					
(xli)	IDBI	2000	2000	-	67	-
(xlii)	UCO	5518	960	-	477	4558
(xliii)	PNB	1500	1500	-	36	-
(xliv)	ICICI Bank	99	47	-	9	52
	Overall Actual - Capex Loans	22002	6448	2011	1741	17565
	Normative Loan	27	27	-	1	-
	GRAND TOTAL				1742	
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
(ii)	Other Short Term Loans					
	GRAND TOTAL INTEREST (A+B)				1742	



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
A.	On Capital Account					
	Rupee Term Loans/Debentures (Banks & Financial Institutions)					
(i)	IDFC	8	6	-	1	2
(ii)	IDFC	9	7	-	1	2
(iii)	IDBI	21	21	-	1	-
(iv)	PSB	11	11	-	1	-
(v)	BOB	13	13	-	1	-
(vi)	IDBI	9	4	-	1	4
(vii)	IDBI	13	6	-	1	6
(viii)	IDFC	61	27	-	5	34
(ix)	YES Bank	18	9	-	2	9
(x)	Union Bank	36	18	-	2	18
(xi)	ICICI Bank	4	2	-	0	2
(xii)	ICICI Bank	29	14	-	3	15
(xiii)	SCB	82	33	-	7	49



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xiv)	PSB	44	15	-	3	29
(xv)	ICICI	64	11	-	6	53
(xvi)	HDFC	134	34	-	11	101
(xvii)	PSB	32	9	-	3	23
(xviii)	Union Bank	71	17	-	6	55
(xix)	HDFC	101	25	-	8	76
(xx)	Union Bank	105	21	-	8	84
(xxi)	Union Bank	37	7	-	3	31
(xxii)	SBI	139	35	-	11	104
(xxiii)	HDFC	56	12	-	4	43
(xxiv)	Union Bank	18	3	-	1	15
(xxv)	UNION	117	17	-	10	101
(xxvi)	ICICI	162	29	-	14	132
(xxvii)	PSB	70	10	-	6	60
(xxviii)	PSB	19	3	-	2	16
(xxix)	ICICI	44	7	-	4	37



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xxx)	PNB	41	5	-	3	36
(xxxi)	IDBI	84	10	-	7	75
(xxxii)	HDFC	36	5	-	3	31
(xxxiii)	KARNATAKA	29	4	-	2	25
(xxxiv)	CENTRAL BANK	43	5	-	4	38
(xxxv)	SBI	35	4	-	3	31
	Loan for FY 2017-18					
(xxxvi)	SBI	110	13	-	9	98
(xxxvii)	KARNATAKA	36	4	-	3	32
(xxxviii)	HDFC	35	4	-	3	31
	Loan for FY 2018-19					
(xxxix)	HDFC	36	-	-	3	36
	PSB	42	-	-	4	42
	BOB	58	-	-	5	58



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(x)	Loan for FY 2019-20					
	UNION	-	-	23	2	23
	SBI	-	-	68	3	68
	Overall Actual - Capex Loans	2113	480	91	174	1723
	Normative Loan	7	7	-	0	-
	GRAND TOTAL				175	
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
(ii)	Other Short Term Loans					175
	GRAND TOTAL INTEREST (A+B)					


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
A.	On Capital Account					
	Rupee Term Loans/Debentures (Banks & Financial Institutions)					
(i)	IDFC	553	442	-	36	111
(ii)	IDFC	570	456	-	37	114
(iii)	IDBI	1368	1368	-	46	-
(iv)	PSB	889	889	-	48	-
(v)	BOB	1112	1112	-	59	-
(vi)	IDBI	711	356	-	44	356
(vii)	IDBI	1067	534	-	66	534
(viii)	IDFC	2843	1263	-	218	1579
(ix)	YES Bank	842	421	-	70	421
(x)	Union Bank	1685	842	-	113	842
(xi)	ICICI Bank	207	99	-	19	108
(xii)	ICICI Bank	1786	854	-	164	932


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xiii)	SCB	5138	2055	-	446	3083
(xiv)	PSB	2740	913	-	209	1827
(xv)	ICICI	4002	696	-	346	3306
(xvi)	HDFC	7373	1843	-	580	5530
(xvii)	PSB	1774	507	-	138	1267
(xviii)	Union Bank	3917	922	-	307	2995
(xix)	HDFC	5530	1382	-	415	4147
(xx)	Union Bank	5760	1152	-	457	4608
(xxi)	Union Bank	3531	642	-	283	2889
(xxii)	SBI	13135	3284	-	1047	9851
(xxiii)	HDFC	5277	1173	-	419	4105
(xxiv)	Union Bank	1579	287	-	126	1292
(xxv)	UNION	10094	1455	-	824	8639
(xxvi)	ICICI	13894	2526	-	1219	11367


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xxvii)	PSB	6047	864	-	500	5184
(xxviii)	PSB	3015	431	-	249	2584
(xxix)	ICICI	7193	1120	-	632	6073
(xxx)	PNB	6656	783	-	527	5873
(xxxi)	IDBI	13704	1566	-	1152	12138
(xxxii)	HDFC	7486	1033	-	601	6454
(xxxiii)	KARNATAKA	5989	826	-	467	5163
(xxxiv)	CENTRAL BANK	9035	1033	-	737	8003
(xxxv)	SBI	7228	826	-	592	6402
	Loan for FY 2017-18					
(xxxvi)	SBI	23677	2706	-	1940	20971
(xxxvii)	KARNATAKA	7667	902	-	582	6765
(xxxviii)	HDFC	7441	902	-	608	6539



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

SI.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xxxix)	Loan for FY 2018-19					
	HDFC	11635	-	-	1008	11635
	PSB	13311	-	-	1150	13311
	BOB	18617	-	-	1581	18617
(xi)	Loan for FY 2019-20					
	UNION	-	-	9096	618	9096
	SBI	-	-	27288	1172	27288
	Total Capex Rupee Loans	246081	40466	36384	21856	241999
	Normative Loan	332	332	-	15	-
	GRAND TOTAL				21871	



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
	SBI	4000	4000	-	207	-
	ICICI	4327	4327	-	167	-
	CITI	25000	25000	-	1790	-
	CITI	16663	16663	-	925	-
	CITI	14286	5714	-	1131	8571
	ICICI	7857	2857	-	607	5000
	ICICI	28500	3000	-	2322	25500
	BOB	2813	750	-	256	2063
	ICICI	15938	4250	-	1451	11688
	ICICI	20000	-	-	1850	20000
	RBL	10000	750	-	822	9250
	KOTAK	20000	-	-	1655	20000
	AXIS	-	-	10000	679	10000
	BOB	-	-	5700	493	5700
	PSB	-	-	25000	43	25000
	DBS	-	-	17000	28	17000
	CITI	-	-	35000	15	35000
	AXIS	-	-	17000	50	17000
	CITI	-	-	6000	10	-
	DBS	-	6000	6000	10	-
	DBS	-	4000	4000	7	-
	DBS	-	2500	2500	4	-
	HDFC	-	4000	4000	7	-
	DBS	-	3500	3500	6	-
	HDFC	-	3000	3000	5	-
	DBS	-	8	8	0	-
	ICICI	-	352	352	1	-
	ICICI	-	-	-	-	-

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

SI.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	HDFC	-	2000	2000	3	-
	SCB	-	434	434	1	-
	SCB	-	300	300	1	-
	ICICI	-	357	357	1	-
	SBI	-	3000	3000	5	-
	SCB	-	330	330	1	-
	IDBI	-	6000	6000	11	-
	SBI	-	3000	3000	5	-
	UNION	-	7300	7300	11	-
	HDFC	-	3000	3000	5	-
	HDFC	-	1000	1000	2	-
	SCB	-	14	14	0	-
	SCB	-	1093	1093	2	-
	SCB	-	1500	1500	2	-
	DBS	-	2500	2500	4	-
	DBS	-	4500	4500	7	-
	HDFC	-	7500	7500	15	-
	DBS	-	2500	2500	5	-
	DBS	-	179	179	0	-
	SCB	-	7300	7300	16	-
	UNION	-	4500	4500	7	-
	HDFC	-	4500	4500	17	-
	HDFC	-	9800	9800	23	-
	BOB	-	10000	10000	26	-
	DBS	-	1000	1000	2	-
	SBI	-	1987	1987	26	-
	ICICI	-	7300	7300	16	-
	UNION	-	6000	6000	16	-
	IDBI	-	10000	10000	24	-
	SCB	-	20000	20000	112	-
	AXIS	-	10000	10000	33	-
	DBS	-				

[Signature]

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	SBI	-	1000	1000	2	-
	UNION	-	7300	7300	22	-
	HDFC	-	4500	4500	26	-
	SBI	-	2500	2500	8	-
	DBS	-	10000	10000	22	-
	UNION	-	7300	7300	46	-
	DBS	-	9500	9500	53	-
	FEDERAL	-	20000	20000	142	-
	SBI	-	2500	2500	8	-
	ICICI	-	25	25	0	-
	FEDERAL	-	10000	10000	34	-
	SCB	-	46	46	0	-
	HDFC	-	4500	4500	25	6000
	IDBI	-	-	6000	79	-
	BOB	-	9800	9800	74	-
	IDFC	-	9900	9900	36	-
	SBI	-	2500	2500	15	-
	HDFC	-	-	10000	72	10000
	UNION	-	7300	7300	62	-
	SCB	-	2021	2021	4	-
	DBS	-	-	9500	70	9500
	ICICI	-	1968	1968	16	-
	IDFC	-	9900	9900	52	-
	SCB	-	3500	3500	7	-
	FEDERAL	-	-	10000	63	10000
	PNB	-	-	9000	70	9000
	SCB	-	67	67	0	-
	SCB	-	2149	2149	4	-
	AXIS	-	-	30000	168	30000
	SCB	-	430	430	1	-
	FEDERAL	-	-	20000	78	20000

[Signature]

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Distribution Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
	BOB	-	-	10000	44	10000
	BOB	-	-	9900	39	9900
	HDFC	-	-	4500	15	4500
	SBI	-	2500	2500	9	-
	IDFC	-	-	5000	22	5000
	Commercial Paper as per RBI Guidelines	90000	557000	497000	6135	30000
		259382	923767	1030057	22457	365671
(ii)	Other Short Term Loans				4522	
	GRAND TOTAL INTEREST (A+B)				48850	



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
A.	On Capital Account					
	Rupee Term Loans/Debtentures (Banks & Financial Institutions)					
(i)	IDFC	35	28	-	2	7
(ii)	IDFC	33	27	-	2	7
(iii)	IDBI	80	80	-	3	-
(iv)	PSB	62	62	-	3	-
(v)	BOB	77	77	-	4	-
(vi)	IDBI	49	25	-	3	25
(vii)	IDBI	74	37	-	5	37
(viii)	IDFC	245	109	-	19	136
(ix)	YES Bank	73	36	-	6	36
(x)	Union Bank	145	73	-	10	73
(xi)	ICICI Bank	18	9	-	2	9
(xii)	ICICI Bank	85	41	-	8	44
(xiii)	SCB	245	98	-	21	147


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xiv)	PSB	131	44	-	10	87
(xv)	ICICI	191	33	-	17	158
(xvi)	HDFC	261	65	-	21	196
(xvii)	PSB	63	18	-	5	45
(xviii)	Union Bank	139	33	-	11	106
(xix)	HDFC	196	49	-	15	147
(xx)	Union Bank	204	41	-	16	163
(xxi)	Union Bank	130	24	-	10	106
(xxii)	SBI	482	121	-	38	362
(xxiii)	HDFC	194	43	-	15	151
(xxiv)	Union Bank	66	12	-	5	54
(xxv)	UNION	423	61	-	35	362
(xxvi)	ICICI	582	106	-	51	477
(xxvii)	PSB	254	36	-	21	217
(xxviii)	PSB	255	36	-	21	219
(xxix)	ICICI	609	95	-	54	514


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xxx)	PNB	564	66	-	45	497
(xxxi)	IDBI	1161	133	-	98	1028
(xxxii)	HDFC	727	100	-	58	626
(xxxiii)	KARNATAKA	581	80	-	45	501
(xxxiv)	CENTRAL BANK	877	100	-	72	777
(xxxv)	SBI	702	80	-	57	621
	Loan for FY 2017-18					
(xxxvi)	SBI	1343	153	-	110	1189
(xxxvii)	KARNATAKA	435	51	-	33	384
(xxxviii)	HDFC	422	51	-	35	371
	Loan for FY 2018-19					
(xxxix)	HDFC	309	-	-	27	309
	PSB	353	-	-	31	353
	BOB	494	-	-	42	494


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form C : Selling Allocation

STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20

(Rs Lakhs)

Sl.No.	Sources of Loans	Outstanding as on 31.03.2019	Repayment	Drawal	Interest-Normal (without penal interest)	Outstanding as on 31.03.2020
(xi)	Loan for FY 2019-20					
	UNION		-	379	26	379
	SBI		-	1136	49	1136
	Overall Actual - Capex Loans	13367	2333	1515	1158	12549
	Normative Loan	29	29	-	1	-
	GRAND TOTAL				1159	
B	ON REVENUE ACCOUNT					
(i)	Short Term Loan including Temporary Accommodation					
(ii)	Other Short Term Loans					
	GRAND TOTAL INTEREST (A+B)				1159	


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Details of Fuel Consumption (stationwise)

Budget Budget
2019-20

Name/Source of coalfields	Overall										
	G4	G5	G7	G8	G9	G10	G11	G12	NCW	WIV	
ECL Linkage	6.11%	6.74%	5.59%	6.23%	0.15%	0.01%				8.09%	24.67%
BCCL Linkage								0.47%			8.25%
CCL RCR Linkage ¹											0.93%
ECL E-auction	6.50%									1.47%	6.50%
BCCL E-auction										7.58%	1.47%
BCCL E-auction RCR				1.03%					1.76%		8.61%
CCL E-auction											1.76%
CCL E-auction RCR						0.88%		2.58%			3.46%
Captive Indigenous											23.42%
Captive Washed *											20.93%
Overall	12.61%	6.74%	5.59%	7.26%	0.15%	1.35%	2.58%	0.47%	1.76%	17.14%	100.00%

¹ BCCL FSA vide clause 4.3.4 of FSA

Overall Consumption of coal, including effect of transit loss, for FY20 works out to 3856616 MT

* Washed by the Company to meet with environmental standards (Kindly refer to Regulation 2.2.2 of the Tariff Regulations)

This form submits additional detailing / information with respect to the FPPCA petition submitted on 21 September 2020.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Details of Fuel Consumption (stationwise)

Southern
2019-20

Name/Source of coalfields	Overall										
	G4	G5	G7	G8	G9	G10	G11	G12	NCW	WIV	
ECL Linkage	44.31%	4.21%	6.13%	21.37%							76.02%
BCCL Linkage											1.45%
BCCL E-auction											1.45%
BCCL E-auction RCR				1.43%					2.72%		1.43%
CCL E-auction											2.72%
CCL E-auction RCR							1.54%	12.49%			14.03%
Captive Indigenous											1.38%
Captive Washed *											1.52%
Overall	44.31%	4.21%	6.13%	22.80%	-	1.54%	12.49%	-	2.72%	2.90%	100.00%

Overall Consumption of coal, including effect of transit loss, for FY20 works out to 213364 MT

* Washed by the Company to meet with environmental standards (Kindly refer to Regulation 2.2.2 of the Tariff Regulations)

This form submits additional detailing / information with respect to the FPPCA petition submitted on 21 September 2020.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Break-up of Transportation & Other costs of Coal

Budge Budge (2019-20)

Elements of Costs	Sources							Overall		
	ECL Linkage	ECL E-auction	BCCL Linkage	BCCL E-auction	BCCL E-auction RCR	CCL E-auction	CCL RCR		CCL E-auction RCR	Captive
Railway Freight	772	749	887	889	920	1213	1751	1081	751	813
Road					663		1265	777		96
Charges for transfer from railway siding to station siding through line located within FCI campus										3
Demurrage Charge										2
Handling and Coal Co-ordination Charge	76	108	53	31	54	116	44	50	10	44
Railway track maintenance										0.4
Siding Charges										29

Rs./MT

Transportation and other cost of coal under this form for Budge Budge Generating Station works out to

987 Rs./MT

This form submits additional detailing / information with respect to the FPPCA petition submitted on 21 September 2020 and is in replacement of Statement 2 submitted through the FPPCA petition

Railway Freight

Freight is charged by Indian Railways on full carrying capacity of wagons and not on the actual quantity loaded. Railway wagons are often not capable to carry upto the original carrying capacity due to ageing. Stenciled capacity of wagons is the allowable capacity which can be safely loaded onto a particular wagon considering its age. Overloading charges are computed on the basis of the permissible carrying capacity of wagons specified by the Indian Railways. CIL refunds for underloading on the basis of difference of actual weight of coal and the stenciled capacity; hence, cost for carriage based on carrying capacity is not neutralised by compensation for underloading. Due to this reason and imposition of GST, actual railway freight on Rs./Tonne basis is normally higher than the rates provided in the railway freight tables placed in pages 60 to 62 and 70 to 72 of Volume 10 of this Supplementary Petition. Railway freight is being recovered in terms of Regulation 1.2.1 (vi) and Para 8.1.(iii) of Schedule 1 of the Tariff Regulations. Relevant circular on Railway Freight is enclosed in pages 60 to 62 and 70 to 72 of Volume 10 of this Supplementary Petition. Notification relating to imposition of GST on railway freight is placed in pages 73 to 75 of Volume 10 of this Supplementary Petition. Sample copies of the bills / railway receipts and a summary of railway freight based on such receipts are enclosed in pages 143 to 203 of Volume 10 of this Supplementary Petition.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Break-up of Transportation & Other costs of Coal

Rail Freight Charges	Basis
Base Freight Rate	Charged on the Permissible Carrying Capacity of the wagon instead of actual weight being transported.
Overloading Charge	Charged on the load in excess of the Permissible Carrying Capacity of the wagon.
Underloading Charge	Seller to bear underloading charges based on difference of actual weight and Stenciled Carrying Capacity / Permissible Carrying Capacity, whichever is lower.
Siding Charge	Charged for loading end siding by Railways
Terminal Charge	Charged on both inward and outward traffic handled at Railway sidings
GST	Charged at the rate of 5% on Base Freight Charge and Other Freight Charges

Road Transportation

Vendors for handling of RCR coal and its transportation through road from collieries to the siding have been appointed through competitive bidding. Kindly refer to pages 124 to 208 and 235 to 265 of Volume 11 of this Supplementary Petition. In terms of paragraph 8.1 (iii) under Schedule-1 and Form D(2) of Tariff Regulations, cost of transportation through road mode is a part of fuel cost. The cost is a defined head under the specified Form D(2). Details on distance of coal mines to the nearest siding have been placed in page 275 of Volume 11 of this Supplementary Petition. It is pertinent to mention that there has been a policy shift from imported coal to domestic coal and evacuation of domestic coal through Road-Cum-Rail / Road mode. Railway implemented imported coal evacuation logistic plan in 2011 which was kept in abeyance in 2016, indicating the shift in Government policy. To overcome the issue of transportation of coal by coal companies to railway siding, RCR mode of coal transportation had been advocated on numerous occasions by Government authorities to improve coal production and offtake. It is pertinent to mention that the Infrastructure Constraints Review Committee was formed under the Ministry of Coal and this particular sub-group of the Infrastructure Constraints Review Committee had representation from the Ministry of Coal, the Ministry of Power, the Central Electricity Authority, Railways, Coal Companies, and NTPC among others. Relevant documents are placed in pages 338 to 368 of Volume 11 of this Supplementary Petition.

Handling and Coal Co-ordination charge

Coal Handling Agents are engaged to ensure timely delivery of coal through close liaison and co-ordination with various agencies, e.g. Coal India subsidiaries, Indian Railways etc. The associated costs have been shown as Handling and Coal Co-ordination Charge. Coal Handling agents were identified through competitive bidding. Sample illustrative documents (Request for Qualification, Note for Approval / price bid and Work Orders) and distance from coal mines to nearest siding for RCR are placed in pages 11 to 275 of Volume 11 of this Supplementary Petition. Handling charges are allowed in terms of regulation 1.2.1 (vi) and regulation 5.8.1 (vii) of the Tariff Regulations.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Break-up of Transportation & Other costs of Coal

Other Logistics related charges

1. Siding / Trip Basis Charge – Coal is transported to Budge Budge Generating Station (BBGS) upper yard near the railway station at Budge Budge. The same is then transported to the generating plant which is about 7 kilometers away from the station yard. Some oil installations are located in this route and therefore electrification in this route was not permitted. Hence, diesel engines are engaged for transportation of coal through this path. Railways imposes trip basis charge for involving diesel engines in this route. Sample illustrative bills are placed in pages 285 to 290 of Volume 11 of this Supplementary Petition.
2. FCI Charge – The 7 kilometer railway route from upper yard of BBGS to the plant consists of two parts, 4 kilometer path through Food Corporation of India (FCI) campus and 3 kilometer path beyond FCI. 4 km track within FCI campus carries wagons of FCI as well as BBGS plant. Railways issue bills to FCI for maintenance of 4 k.m. track within FCI campus. FCI in turn issues bills to BBGS on a proportionate basis. Sample illustrative bills are placed in pages 281 to 284 of Volume 11 of this Supplementary Petition.
3. Railway Track Maintenance Charge– Beyond the FCI campus, 3 kilometer track is maintained by an agency having requisite expertise. The same agency is also involved in railway track maintenance within plant for BBGS. Charges for the same is shown as Railway Track Maintenance. Sample illustrative bill is placed in page 300 of Volume 11 of this Supplementary Petition.
4. Demurrage Charge – Demurrage is detention of a railway wagon beyond the stipulated time allowed for loading and unloading and the related charge for the event is defined as demurrage charge. Railway imposes charge pertaining to unloading end on CESC. Time permitted to unload wagons is called the 'free time'. Free time for BOBR wagon is 2.5 hours and 7 hours for BOXN wagon. The demurrage rate increases as the time incurred for unloading increases. Moreover, fraction of an hour is rounded up to the next hour. Relevant notifications are placed in pages 301 to 337 of Volume 11 of this Supplementary Petition.

BBGS has the scope of operating two wagon tippers on a parallel basis to unload two rakes involving BOXN wagons. However, there are certain practical difficulties of operating two wagon tippers in parallel. CESC has repeatedly requested Railway authority not to send two rakes simultaneously consisting of BOXN wagons. However, the prayers have fallen on deaf ears. This accentuates the problem further. Sample illustrative bills are placed in pages 276 to 280 of Volume 11 of this Supplementary Petition.

All the above charges are covered under the definition of Fuel cost in Regulation 1.2.1 (vi) / 5.8.1 (vii) of Tariff Regulations.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Break-up of Transportation & Other costs of Coal

Southern (2019-20)

Elements of Costs	Sources						Overall	
	ECL	BCCL	BCCL E-auction	BCCL E-auction RCR	CCL E-auction	CCL E-auction RCR		Captive
Railway Freight	759	910	890	900	1269	1011	758	814.48
Road						703		98.64
Kolkata Port Trust (KPT) Charges								55.00
Demurrage Charge								4.60
Terminal Charges								35.23
Handling and Coal Co-ordination Charge	54					85		52.96
Railway track maintenance								10.34

1071 Rs./MT

Transportation and other cost of coal under this form for Southern Generating Station works out to

This form submits additional detailing / information with respect to the FPPCA petition submitted on 21 September 2020 and is in replacement of Statement 2 submitted through the FPPCA petition

Railway Freight

Freight is charged by Indian Railways on full carrying capacity of wagons and not on the actual quantity loaded. Railway wagons are often not capable to carry upto the original carrying capacity due to ageing. Stenciled capacity of wagons is the allowable capacity which can be safely loaded onto a particular wagon considering its age. Overloading charges are computed on the basis of the permissible carrying capacity of wagons specified by the Indian Railways. CIL refunds for underloading on the basis of difference of actual weight of coal and the stenciled capacity; hence, cost for carriage based on carrying capacity is not neutralised by compensation for underloading. Due to this reason and imposition of GST, actual railway freight on Rs./Tonne basis is normally higher than the rates provided in the railway freight tables placed in pages 60 to 62 and 70 to 72 of Volume 10 of this Supplementary Petition. Railway freight is being recovered in terms of Regulation 1.2.1 (vi) and Para 8.1.(iii) of Schedule 1 of the Tariff Regulations. Relevant circular on Railway Freight is enclosed in pages 60 to 62 and 70 to 72 of Volume 10 of this Supplementary Petition. Notification relating to imposition of GST on railway freight is placed in pages 73 to 75 of Volume 10 of this Supplementary Petition. Sample copies of the bills / railway receipts and a summary of railway freight based on such receipts are enclosed in pages 143 to 203 of Volume 10 of this Supplementary Petition.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Break-up of Transportation & Other costs of Coal

Rail Freight Charges	Basis
Base Freight Rate	Charged on the Permissible Carrying Capacity of the wagon instead of actual weight being transported.
Overloading Charge	Charged on the load in excess of the Permissible Carrying Capacity of the wagon.
Underloading Charge	Seller to bear underloading charges based on difference of actual weight and Stenciled Carrying Capacity / Permissible Carrying Capacity, whichever is lower.
Siding Charge	Charged for loading end siding by Railways
Terminal Charge	Charged on both inward and outward traffic handled at Railway sidings
GST	Charged at the rate of 5% on Base Freight Charge and Other Freight Charges

Road Transportation

Vendors for handling of RCR coal and its transportation through road from collieries to the siding have been appointed through competitive bidding. Kindly refer to pages 124 to 208 and 235 to 265 of Volume 11 of this Supplementary Petition. In terms of paragraph 8.1 (iii) under Schedule-1 and Form D(2) of Tariff Regulations, cost of transportation through road mode is a part of fuel cost. The cost is a defined head under the specified Form D(2). Details on distance of coal mines to the nearest siding have been placed in page 275 of Volume 11 of this Supplementary Petition. It is pertinent to mention that there has been a policy shift from imported coal to domestic coal and evacuation of domestic coal through Road-Cum-Rail / Road mode. Railway implemented imported coal evacuation logistic plan in 2011 which was kept in abeyance in 2016, indicating the shift in Government policy. To overcome the issue of transportation of coal by coal companies to railway siding, RCR mode of coal transportation had been advocated on numerous occasions by Government authorities to improve coal production and offtake. It is pertinent to mention that the Infrastructure Constraints Review Committee was formed under the Ministry of Coal and this particular sub-group of the Infrastructure Constraints Review Committee had representation from the Ministry of Coal, the Ministry of Power, the Central Electricity Authority, Railways, Coal Companies, and NTPC among others. Relevant documents are placed in pages 338 to 368 of Volume 11 of this Supplementary Petition.

Handling and Coal Co-ordination charge

Coal Handling Agents are engaged to ensure timely delivery of coal through close liaison and co-ordination with various agencies, e.g. Coal India subsidiaries, Indian Railways etc. The associated costs have been shown as Handling and Coal Co-ordination Charge. Coal Handling agents were identified through competitive bidding. Sample illustrative documents (Request for Qualification, Note for Approval / price bid and Work Orders) and distance from coal mines to nearest siding for RCR are placed in pages 11 to 275 of Volume 11 of this Supplementary Petition. Handling charges are allowed in terms of regulation 1.2.1 (vi) and regulation 5.8.1 (vii) of the Tariff Regulations.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Break-up of Transportation & Other costs of Coal**Other Logistics related charges**

1. KoPT Charges – As the siding for SGS is located within the Kolkata Port Trust area, KoPT imposes a charge on CESC, referred to as KoPT charges. These charges are on per rake basis and have three components, namely a. Consolidated charge, b. Terminal Charge, c. Off-take charge. Sample illustrative bills are placed in pages 293 to 299 of Volume 11 of this Supplementary Petition.
 2. Railway Track Maintenance - Charges are levied for the similar kind of job as in case of Budge Budge Generating station.
 3. Demurrage Charge – Demurrage is detention of a railway wagon beyond the stipulated time allowed for loading and unloading and the related charge for the event is defined as demurrage charge. As coal is delivered by Railways at the Kolkata Port Trust siding, time is considered from the moment rakes reach the Kolkata Port Trust Siding till the empty rakes / wagons are delivered back by RITES to the Kolkata Port Trust siding. Once the rakes containing coal arrive at Kolkata Port Trust siding and information is provided to SGS, such time is denoted as "Made Over Time". Thereafter RITES takes these rakes / wagons by help of own loco to the station, where the station unloads the wagons. Afterwards, RITES takes these empty wagons back to the Kolkata Port Trust siding. The time of delivery is noted and is termed as "Turn Over Time". 11 hours of "Free Time" is provided between the "Made Over Time" and "Turn Over Time" and time taken in excess of 11 hours for the operation attracts demurrage. Sample illustrative bills are placed in pages 291 to 292 of Volume 11 of this Supplementary Petition.
- All the above charges are covered under the definition of Fuel cost in Regulation 1.2.1 (vi) / 5.8.1 (vii) of Tariff Regulations.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

**BUDGE BUDGE GENERATING STATION (FULL COST OF CAPTIVE MINE)
COST OF PRIMARY FUEL**

TABLE

Grade	Basic	Sizing Charges	Royalty	Charges to NIMET	Charges to DMF	GST Compensation on Cess	R.E. CESS	P. E. CESS	Miscellaneous cess and statutory charges ^a	Average Incidental Charges ^s	GST	Evacuation Charges	TOTAL
ECL - 'Grade G4'	3000	87	7	0	2	400	600	150	2	23	197	50	4518
ECL - 'Grade G4' e-auction	3450	87	7	0	2	400	600	150	2	66	221	50	5035
ECL - 'Grade G5'	2737	87	6	0	2	400	547	137	2	55	181	50	4204
ECL - 'Grade G7'	1926	87	6	0	2	400	385	96	2	82	132	50	3168
ECL - 'Grade G8'	1465	87	4	0	1	400	293	73	2	232	111	50	2718
BCCL - 'Grade G8' e-auction RCR	2186	87	306	6	92	400	-	-	22	33	139	50	3322
BCCL - 'Grade WIV'	2600	87	364	7	109	400	-	-	26	76	167	50	3887
BCCL - 'Grade WIV' e-auction	2981	87	417	8	125	401	-	-	30	81	190	50	4370
BCCL - 'Grade WIV' e-auction RCR	2859	87	400	8	120	400	-	-	29	41	179	50	4173
BCCL - 'Grade G9'	1140	87	160	3	48	400	-	-	11	60	80	50	2039
BCCL - 'Grade G10'	1024	87	143	3	43	400	-	-	10	7	70	50	1837
CCL - 'Grade G10' RCR	1024	56	143	3	43	400	-	-	-	41	68	50	1828
CCL - 'Grade G10' e auction RCR	1221	87	171	3	51	400	-	-	-	41	81	50	2106
CCL - NCW e-auction	2473	-	-	-	-	400	-	-	-	44	131	50	3098
Captive Washed	1843	109	3	0	0	77	257	64	3	428	395	50	3229
CCL - 'Grade G11' e auction RCR	1168	87	164	3	49	400	-	-	-	59	78	50	2058
Captive Indigenous	1370	81	3	0	0	57	191	48	2	145	293	50	2241
CCL - 'Grade G12' RCR	886	87	124	2	37	400	-	-	-	42	61	50	1690

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

2019-20

BUDGE BUDGE GENERATING STATION (FULL COST OF CAPTIVE MINE)

COST OF PRIMARY FUEL

Overall	3309
Contractual liability - Kindly refer to note 3	6
Prior year adjustments on grade slippage - Kindly refer to note 4	-27
Railway related reconciliation - Kindly refer to note 10	-35
Total Landed without freight	3252
Freight and other freight - Kindly refer to Form D2	987
Total	4239

This form submits additional detailing / information with respect to the FPPCA petition submitted on 21 September 2020.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

**BUDGE BUDGE GENERATING STATION (FULL COST OF CAPTIVE MINE)
COST OF PRIMARY FUEL**

Notes:

1. Actual cost per Tonne of coal are furnished in this form. Wherever applicable, relevant notifications of appropriate authorities and sample copies of bills are enclosed for ease of reference. Auditor's Certificate on coal consumption and price of Rs. 4236.45 / Tonne is placed in Annex C14 in pages 213 to 216 of Volume 3 of APR petition. Reconciliation between purchase rate of Rs. 4239.36 / Tonne as shown above and coal consumption price of Rs. 4236.45 / Tonne is shown in note 11 below.
2. The Rates are as prevalent rates for 2019-20, as per Notifications dated 8 January 2018, 13 January 2017, 11 March 2017, 14 September 2018, 29 December 2018. The notifications are furnished in pages 2 to 22 in Volume 10 of this Supplementary Petition.
 - Surface Transportation Charges are as per notifications dated 31 January 2019, 1 August 2019, 5 November 2018, 1 June 2019, 29 November 2018, 30 November 2019. Notifications are placed in pages 29 to 34 of Volume 10 of this Supplementary Petition.
 - Crushing Charges /Sizing Charges are as per notification dated 31 August 2017. Notification is enclosed in pages 26 to 28 of Volume 10 of this Supplementary Petition.
 - Royalty is as per notification dated 10 May 2012 of Ministry of Coal. Notification is enclosed in pages 39 to 40 of Volume 10 of this Supplementary Petition.
 - GST on coal is 5% (2.5% CGST + 2.5% SGST or 5% IGST) as applicable. Relevant notification and sample bills are placed in pages 204 to 205 and 143 to 193 of Volume 10 of this Supplementary Petition.
 - GST Compensation Cess is as per notification dated 28 June 2017 of Ministry of Finance. Notification is enclosed in pages 51 to 55 of Volume 10 of this Supplementary Petition.
 - Charges to NMET and DMFT are as per notifications dated 20 October 2015 and 26 March 2015. Notifications are enclosed in pages 46 to 50 of Volume 10 of this Supplementary Petition.
 - R.E. Cess, P.E. Cess, Stowing Excise Duty, AMBH cess, MADA tax etc. as per Notification dated 12 December 2007 enclosed in pages 41 to 45 of Volume 10 of this Supplementary Petition.
 - Evacuation Facility Charge as per Notification dated 19 December 2017. Notification is placed in page 57 of Volume 10 of this Supplementary Petition.
- Sample bills to illustrate each price component are placed in pages 143 to 193 of Volume 10 of this Supplementary Petition.
3. Current rate Schedule of CIL enclosed in Appendix for comprehensive details. As per Fuel Supply Agreement with Coal India Limited, supply beyond 90% of Annual Contracted Quantity (ACQ) attract higher charges. Impact is Rs. 6 / Tonne.
4. Grade slippage adjustments pertaining to prior years not included in the above rates. Impact Rs. (-) 27 / Tonne.
5. For captive coal, while the Basic price shown above includes reserve price of Rs. 100 / Tonne and additional premium paid of Rs. 370 / Tonne, only reserve price of Rs. 100 / Tonne has been considered in terms of applicable statute in arriving at admissible fuel cost. GST and Rs. 400 per tonne GST Compensation Cess are not applicable on captive coal. However, GST is applied on support services to mining and on Additional Premium, Fixed Rate, Royalty etc. on Reverse Charge Basis. A writup, relevant notifications and Auditor's certificates are placed in pages 223 to 257 of Volume 10 of this Supplementary Petition. Sample invoices are placed in pages 258 to 262 of this Supplementary Petition.
6. Cost of Captive washed coal has been considered at cost of captive indigenous coal, grossed up with washery yield of 74.373%. Washing charges for captive washed coal is Rs. 219/ tonne as included under Average Incidental Charges which also includes Transportation of coal from mine to washery and from washery to railway siding. GST and Rs. 400 per tonne GST Compensation Cess are not applicable on captive coal. However, GST is applied on support services to mining and on Additional Premium, Fixed Rate, Royalty etc. on Reverse Charge Basis. A writup, relevant notifications and Auditor's certificates are placed in pages 223 to 257 of Volume 10 of this Supplementary Petition. Sample invoices are placed in pages 258 to 262 of this Supplementary Petition.

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

**BUDGE BUDGE GENERATING STATION (FULL COST OF CAPTIVE MINE)
COST OF PRIMARY FUEL**

7. E-auction: Coal procured through BCCL and CCL through e-auction held during 2018-19 and 2019-20. Coal procurement through e-auction was to augment supply from designated sources as also to maintain adequate coal stock. Details relating to notice for sale of coal, sale intimation notices pertaining bid price discovered are enclosed in pages 105 to 142 of Volume 10 of this Supplementary Petition.

8. Miscellaneous cess and statutory charges include PWD Cess, Road Cess, AMBH, MADA etc. as applicable. Relevant notifications are placed in pages 41 to 45 of of Volume 10 of this Supplementary Petition.

9. Average Incidental charges include intra-colliery transportation cost, washing charges, unloading charges etc. as applicable.

10. Railway related reconciliation of Rs. (-) 35 / Tonne pertaining to prior years not included in the above rates.

11. Consumption rate of coal has been arrived at on the basis of rate of coal purchased, adjusted for opening and closing stock.

Particulars	Tonne (MT)	Rate (Rs./T)
Opening stock	273290	4026.91
Purchase	3361575	4239.36
Closing Stock	263785	4056.39
Consumption (Auditors' Certificate)	3371079	4236.45

12. Railway freight and associated charges of Rs 987 / MT not included in the above rates.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

2019-20

Rs./Tonne

SOUTHERN GENERATING STATION

COST OF PRIMARY FUEL

TABLE

Type	Basic	Sizing Charges	Royalty	Charges to NMET	Charges to DMF	GST Compensation Cess	R.E. CESS	P. E. CESS	Miscellaneous cess and statutory charges ⁶	Average Incidental Charges ⁷	GST	Evacuation Charges	TOTAL
ECL - Grade G4'	3000	87	6	0	2	400	600	150	2	53	197	50	4548
ECL - Grade G5'	2737	87	6	0	2	400	547	137	2	28	181	50	4177
ECL - Grade G7'	1926	87	6	0	2	400	385	96	2	98	133	50	3185
ECL - Grade G8'	1465	87	4	0	1	400	293	73	2	233	111	50	2721
BCCL - 'Grade G8' e-auction RCR	2415	87	338	7	101	400	-	-	24	35	153	50	3610
BCCL - 'Grade WIV'	2600	87	364	7	109	400	-	-	26	38	167	50	3848
BCCL - 'Grade WIV' e-auction	2860	87	400	8	120	400	-	-	29	65	182	50	4202
CCL - 'Grade G10' e auction RCR	1221	87	171	3	51	400	-	-	-	41	81	50	2106
CCL - NCW e-auction	2473	-	-	-	-	400	-	-	-	-58	131	50	2996
Captive Washed	1843	109	3	0	0	77	257	64	3	407	395	50	3208
CCL - 'Grade G11' e auction RCR	1168	87	164	3	49	400	-	-	-	41	78	50	2040
Captive Indigenous	1370	81	3	0	0	57	191	48	2	125	293	50	2220
Total Landed without freight													3585
Freight and other freight - Kindly refer to Form D2													1071
Total													4656

Total Landed without freight

Freight and other freight - Kindly refer to Form D2

Total

This form submits additional detailing / information with respect to the FPPCA petition submitted on 21 September 2020.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

2019-20

**SOUTHERN GENERATING STATION
COST OF PRIMARY FUEL**

Notes:

1. Actual cost per Tonne of coal are furnished in this form. Wherever applicable, relevant notifications of appropriate authorities and sample copies of bills are enclosed for ease of reference. Auditor's Certificate on coal consumption and price of Rs. 4752.84 / Tonne is placed in Annex C14 on pages 213 to 216 of Volume 3 of APR petition. Reconciliation between purchase rate of Rs. 4655.84 / Tonne as shown above and coal consumption price of Rs. 4752.84 / Tonne is shown in note 8 below.
 2. The Rates are as prevalent rates for 2019-20, as per Notifications dated 8 January 2018, 13 January 2017, 11 March 2017, 14 September 2018, 29 December 2018. The notifications are furnished in pages 2 to 22 in Volume 10 of this Supplementary Petition.
 - Surface Transportation Charges are as per notifications dated 31 January 2019, 1 August 2019, 5 November 2018, 1 June 2019, 29 November 2018, 30 November 2019. Notifications are placed in pages 29 to 34 of Volume 10 of this Supplementary Petition.
 - Crushing Charges /Sizing Charges are as per notification dated 31 August 2017. Notification is enclosed in pages 26 to 28 of Volume 10 of this Supplementary Petition.
 - Royalty is as per notification dated 10 May 2012 of Ministry of Coal. Notification is enclosed in pages 39 to 40 of Volume 10 of this Supplementary Petition.
 - GST on coal is 5% (2.5% CGST + 2.5% SGST or 5% IGST) as applicable. Relevant notification and sample bills are placed in pages 204 to 205 and 143 to 193 of Volume 10 of this Supplementary Petition.
 - GST Compensation Cess is as per notification dated 28 June 2017 of Ministry of Finance. Notification is enclosed in pages 51 to 55 of Volume 10 of this Supplementary Petition.
 - Charges to NMET and DMFT are as per notifications dated 20 October 2015 and 26 March 2015. Notifications are enclosed in pages 46 to 50 of Volume 10 of this Supplementary Petition.
 - R.E. Cess, P.E. Cess, Stowing Excise Duty, AMBH cess, MADA tax etc. as per Notification dated 12 December 2007 enclosed in pages 41 to 45 of Volume 10 of this Supplementary Petition.
 - Evacuation Facility Charge as per Notification dated 19 December 2017. Notification is placed in page 57 of Volume 10 of this Supplementary Petition.
- Sample bills to illustrate each price component are placed in pages 143 to 193 of Volume 10 of this Supplementary Petition.
3. For captive coal, while the Basic price shown above includes reserve price of Rs. 100 / Tonne and additional premium paid of Rs. 370 / Tonne, only reserve price of Rs. 100 / Tonne has been considered in terms of applicable statute in arriving at admissible fuel cost. GST and Rs. 400 per tonne GST Compensation Cess are not applicable on captive coal. However, GST is applied on support services to mining and on Additional Premium, Fixed Rate, Royalty etc. on Reverse Charge Basis. A writeup, relevant notifications and Auditor's certificates are placed in pages 223 to 257 of Volume 10 of this Supplementary Petition. Sample invoices are placed in pages 258 to 262 of this Supplementary Petition.
 4. Cost of Captive washed coal has been considered at cost of captive indigenous coal, grossed up with washery yield of 74.373%. Washing charges for captive washed coal is Rs. 219/ tonne as included under Average Incidental Charges which also includes Transportation of coal from mine to washery and from washery to railway siding. GST and Rs. 400 per tonne GST Compensation Cess are not applicable on captive coal. However, GST is applied on support services to mining and on Additional Premium, Fixed Rate, Royalty etc. on Reverse Charge Basis. A writeup, relevant notifications and Auditor's certificates are placed in pages 223 to 257 of Volume 10 of this Supplementary Petition. Sample invoices are placed in pages 258 to 267 of this Supplementary Petition.
 5. E-auction: Coal procured through BCCL and CCL through e-auction held during 2019-20. Coal procurement through e-auction was to augment supply from designated sources as also to maintain adequate coal stock. Details relating to notice for sale of coal, sale intimation notices pertaining bid price discovered are enclosed in pages 105 to 142 of Volume 10 of this Supplementary Petition.

**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

2019-20

SOUTHERN GENERATING STATION

COST OF PRIMARY FUEL

8. Miscellaneous cess and statutory charges include PWD Cess, Road Cess, AMBH, MADA etc. as applicable. Relevant notifications are placed in pages 41 to 45 of of Volume 10 of this Supplementary Petition.
7. Average Incidental charges include intra-colliery transportation cost, washing charges, underloading charges etc. as applicable.
8. Consumption rate of coal has been arrived at on the basis of rate of coal purchased, adjusted for opening and closing stock

Particulars	Tonne (MT)	Rate (Rs./T)
Opening stock	29542	4806.11
Purchase	259718	4655.84
Closing Stock	52682	4307.93
Consumption (Auditors' Certificate)	236578	4752.84

9. Railway freight and associated charges of Rs 1071 / MT not included in the above rates



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Coal Procurement Details

Budge Budge Generating Station

Grades	BCCL		ECL		CCL RCR		ECL E-auction		BCCL E-auction (including RCR)		CCL E-auction (including RCR)		Captive Indigenous		Captive Washed		Overall	
	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	Heat Value Kcal/Kg
G4		5677		5677		5677	6.50%	5677									12.61%	5677
G5		5238		5238													6.74%	5238
G7		4363		4363													5.59%	4363
G8	0.00%	3994	6.23%	3994					1.03%	3994							7.26%	3994
G9	0.15%	3664			0.46%	3312					0.88%	3312					1.35%	3312
G10	0.01%	3312								2.58%	2684						2.58%	2684
G11																	0.47%	2160
G12					0.47%	2160											17.14%	3854
WIV	8.09%	3854							9.05%	3854							1.76%	3518
NCW											1.76%	3518					23.42%	2686
Captive indigenous													23.42%	2686			20.93%	3248
Captive Washed																	20.93%	3248
Overall	8.25%	3850	24.67%	4834	0.93%	2730	6.50%	5677	10.08%	3868	5.22%	3071	23.42%	2686	20.93%	3248	100.00%	3764

* Table furnished on the basis of billed grades (converted to UHV) in terms of the Table under Regulation 5.8.15 of the Tariff Regulations, 2011 for subsidiaries of Coal India Limited. Coal received from them is of considerably inferior quality, as informed from time to time. Technical Certificates for all consignments and Auditors' Certificates on heat value have been furnished in the FPPCA petition.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Coal Procurement Details

Southern Generating Station

Grades	BCCL		ECL		BCCL E-auction (including RCR)		CCL E-auction (including RCR)		Captive indigenous		Captive Washed		Overall	
	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	UHV Kcal/Kg	Mix %	Heat Value Kcal/Kg
G4		44.31%		5677										5677
G5		4.21%		5238										5238
G7		6.13%		4363										4363
G8		21.37%		3994	1.43%	3994								3994
WIV	1.45%	3854			1.45%	3854								3854
G10					1.54%	3312								3312
G11					12.49%	2684								2684
NCW					2.72%	3663								3663
Captive indigenous					1.38%				1.38%	2381				2381
Captive Washed											1.52%	3038		3038
Overall	1.45%	3854	76.02%	5074	2.88%	3923	16.75%	2901	1.38%	2381	1.52%	3038	100.00%	4591

* Table furnished on the basis of billed grades (converted to UHV) in terms of the Table under Regulation 5.8.15 of the Tariff Regulations, 2011 for subsidiaries of Coal India Limited. Coal received from them is of considerably inferior quality, as informed from time to time. Technical Certificates for all consignments and Auditors' Certificates on heat value have been furnished in the FPPCA petition.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

**Derivation of Overall Heat Value *
Budge Budge Generating Station**

Regulation 5.8.15 of Tariff Regulations						
Grades	Min GCV (G1)	Max GCV of Band (X2)	Min GCV of Band (X1)	Max UHV of Band (Y2)	Min UHV of Band (Y1)	Mean UHV Interpolation $U = \frac{Y1 + (G1 - X1) \cdot (X2 - X1)}{Y2 - Y1}$
G4	6101	6454	6049	6200	5600	5677
G5	5801	6049	5597	5600	4940	5238
G7	5201	5597	5089	4940	4200	4363
G8	4901	5089	4324	4200	3360	3994
G9	4601	5089	4324	4200	3360	3664
G10	4301	4324	3865	3360	2400	3312
G11	4001	4324	3865	3360	2400	2684
G12	3701	3865	3113	2400	1300	2160
WIV						3854
NCW						3518
Captive						2686
Captive Washed						3248

* Including method of Interpolation in terms of table under Regulation 5.8.15 of Tariff Regulations, 2011 for deriving UHV where billing is on the basis of GCV for subsidiaries of Coal India Limited.

Table furnished on the basis of billed grades for subsidiaries of Coal India Limited, though coal received from them is of considerably inferior quality, as informed from time to time. As-fired GCV is significantly lower. Technical Certificates for all consignments and Auditors' Certificates on heat value have been furnished in the FPRCA petition.

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

**Derivation of Overall Heat Value *
Southern Generating Station**

Regulation 5.8.15 of Tariff Regulations						
Grades	Min GCV (G1)	Max GCV of Band (X2)	Min GCV of Band (X1)	Max UHV of Band (Y2)	Min UHV of Band (Y1)	Mean UHV Interpolation $U = Y1 + \frac{(G1 - X1) \cdot (Y2 - Y1)}{X1 - X2}$
G4	6101	6454	6049	6200	5600	5677
G5	5801	6049	5597	5600	4940	5238
G7	5201	5597	5089	4940	4200	4363
G8	4901	5089	4324	4200	3360	3994
G10	4301	4324	3865	3360	2400	3312
G11	4001	4324	3865	3360	2400	2684
WIV						3854
NCW						3663
Captive						2381
Captive Washed						3038

* Including method of Interpolation in terms of table under Regulation 5.8.15 of Tariff Regulations, 2011 for deriving UHV where billing is on the basis of GCV for subsidiaries of Coal India Limited.
Table furnished on the basis of billed grades for subsidiaries of Coal India Limited, though coal received from them is of considerably inferior quality, as informed from time to time. As-fired GCV is significantly lower. Technical Certificates for all consignments and Auditors' Certificates on heat value have been furnished in the FPPCA petition.



**MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED**

CESC Limited

Statement showing Heat Value of LDO for the year ended 31st March, 2020


Months	Budge Budge Generating Station	Southern Generating Station
	Heat Value (kCal/Litre)	
Apr-19	9567	9563
May-19	9558	9558
Jun-19	9569	9567
Jul-19	9553	9573
Aug-19	9570	9578
Sep-19	9570	9564
Oct-19	9557	9562
Nov-19	9550	9549
Dec-19	9567	9564
Jan-20	9555	9570
Feb-20	9563	9559
Mar-20	9575	9552
2019-20	9563	9563

The above statement is true and correct

Kolkata

24 May 2022

For CESC Limited


Vice President (Finance)

Auditors' Certificate

We have examined the above statement with the books and records maintained by the Company and according to the information and explanations provided to us, found the same to be in accordance therewith.



Kolkata

24 May 2022

For Shome and Banerjee
Cost Accountants


Kunal Banerjee
Partner

Membership No. 6573

UDIN: 22065732ZLOQU58MMH


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Form E (A)

A.	Particulars	2019-2020
		MU
1.	Generation (including in-firm power, if any) [Form 1.3]	6137
2.	Auxiliary Consumption [Form 1.4a]	478
3.	Transformation Loss	-
4.	Units delivered to system from generation (including infirm power, if any) [Form 1.5] (1-2-3)	5660
5.	Energy Purchased (including Swap-in power) [Form 1.6a]	5632
6.	Energy received for wheeling [Form 1.9a]	-
7.	Overall Gross Energy in System (4+5+6)	11292
8.	Units sold to persons other than licensees or any consumers (including Swap-out power) [Form 1.9b]	297
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 UI (Actual)	-23
13.	Total Energy goes out of System (8+11+12)	274
14.	Net Energy in system (7-13)	11018
15.	Units sold to own consumers	9991
	Units sold to WBSEDCL [Form 1.9 c]	8
16.	Units wheeled at delivery point [Form 1.9 d]	-
17.	Additional allowed Units wheeled	-
18.	Units utilised in own premises including construction power	42
19.	Overall Utilisation (15+16+17+18)	10041
20.	Unutilised Units (14-19)	977
21.	Distribution Loss %	8.9%


MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

Item Heads		2019-20
		Rs. Lakhs
B.		
1.	Fuel (Please refer to Note below)	155424
2.	Power Purchase (Please refer to Note below)	283142
3.	Variable Cost (Please refer to Note below)	459288
4.	Employee Cost	
	a) Salaries & Wages	100594
	b) Cost of Contracted Manpower in Regular Establishments	4289
5.	Coal & Ash Handling	1009
6.	Other Administrative & General Charges	22128
7.	Insurance	1680
8.	Rent	1968
9.	Rates & Taxes	834
10.	Legal Charges	1058
11.	Auditors Fees	453
12.	Repairs & Maintenance including Consumables and Security Charges	29361
13.	a) Interest	81968
	b) Foreign Exchange Rate Variation	-
	c) Other Financing Charges	1141
	d) Interest on Consumers Security Deposits	10604
	e) Lease Rental	1197
14.	a) Depreciation	41220
	b) Advance against Depreciation	8507
15.	Intangible Assets written off	-
16.	Water Cess	26
17.	Bad Debts	2112
18.	Entry Tax	-
19.	DSM Charges etc.	836
20.	Corporate Social Responsibility	2215
21.	Tax	22092
22.	Reserve for Unforeseen Exigencies	-
23.	Demurrage	1370
24.	Cost of Outsourcing	795951
25.	Total Expenditure (sum 1 to 24)	67715
26.	Return on Equity	2036
27.	Incentives	69751
28.	Return (26+27)	
29.	Special Allocation	865702
30.	Gross Revenue Required (25+28+29)	20541
31.	a) Less : Income from other than sale of energy	609
32.	b) Less : Benefits passed on to consumers	21151
33.	Total Deductions from Gross Revenue Requirements (sum 31 to 32)	844552
34.	Aggregate Revenue Requirement (30-33)	
35.	Amount available for utilization from Power Purchase Fund	
36.	Subsidy Received/ Receivable, if any	728981
37.	Revenue from Sale of Energy (actual)	455
38.	Revenue arising out of APR order in respect of earlier year considered in Order dated 3 February 2022	728526
39.	Revenue from Sale of Energy for the year	116025
40.	Amount receivable through Annual Performance Review (34-39)	

Notes :

1. Items 1 to 3 are extracted from the FPPCA Petition. Item 3 includes the effect of distribution loss and associated benefit sharing with the consumers.

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

3. Allocation Statement

Rs. Lakhs

Item Heads	Form E	Budge Budge	Southern	Titagarh	Distributions, Selling etc.	Distribution	Selling
Variable Cost	459288	146288	11154	-	301846	14766	287080
Employee Cost							
Salaries & Wages	100594	8406	5635	3889	82664	63515	19148
Cost of Contracted Manpower in Regular Establishment	4289	3771	518	-			
Coal & Ash Handling	1009	915	94	-			
Other Administrative & General Charges	22128	1294	400	164	20269	12618	7651
Insurance	1680	1135	166	6	373	373	-
Rent	1968	-	73	-	1894	1458	436
Rates & Taxes	834	360	2	83	389	300	90
Legal Charges	1058				1058	815	244
Auditors Fees	453	89	25	45	293	226	68
Repairs & Maintenance including consumables and security charges	29361	9664	1928	555	17215	16266	949
Interest	81968	14807	1633	386	65142	34023	31119
Foreign Exchange Rate Variation	-				-	-	
Other Financing Charges	1141	261	29	8	843	243	599
Interest on Consumers Security Deposits	10604				10604		10604
Lease Rental	1197	-	-	-	1197	1135	61
Depreciation	41220	5670	354	564	34632	30765	3867
Advance against Depreciation	8507	1170	73	116	7147	6349	798
Intangible Assets written off	-	-	-	-	-	-	-
Water Cess	26	5	21	0.3			
Bad Debts	2112				2112		2112
Service Tax and Entry Tax							
DSM Charges etc.	836				836		836
Corporate Social Responsibility	2215	549	43	48	1575	1486	90
Tax	22092	5473	431	478	15711	14818	893
Reserve for Unforeseen Exigencies	-	-	-	-	-	-	-
Cost of Outsourcing	1370				1370		1370
Delayed Payment Surcharge							
Total Expenditure	795951	199858	22581	6342	567170	199154	368016

MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

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

3. Allocation Statement

Rs. Lakhs

Item Heads	Form E	Budge Budge	Southern	Titagarh	Distributions, Selling etc.	Distribution	Selling
Return on Equity	67715	16776	1320	1464	48154	45418	2737
Incentives	2036	2036	-	-	-	-	-
Return	69751	18812	1320	1464	48154	45418	2737
Gross Revenue Required	865702	218670	23901	7807	615324	244572	370753
Less : Income from other than sale of energy	20541	445	35	39	20023	11360	8663
Less : Benefits passed on to consumers	609	77	-	-	532	532	-
Less : Interest Credit on Depreciation	-	-	-	-	-	-	-
Total Deductions from Gross Revenue Requirements	21151	521	35	39	20555	11892	8663
Aggregate Revenue Requirement	844552	218149	23866	7768	594769	232680	362089
Amount available for utilisation from Power Purchaser Fund	-	-	-	-	-	-	-
Revenue from Sale of Energy (actual)	728981	188343	20605	6707	513326	200015	313311
Revenue arising out of APR order in respect of earlier years	455	109	22	5	319	297	22
Revenue from Sale of Energy for the year	728526	188234	20583	6702	513008	199718	313290

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

5. 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 reliable, 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.

6. Variable cost, including demurrage, is furnished herein by extracting figures from the applicable FPPCA Petition for 2019-20, submitted on 21 September, 2020.

7. 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.

8. 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.



MANAGING DIRECTOR (DISTRIBUTION)
CESC LIMITED

Form E (B) : Summarised Revenue Requirement

	Item Heads	2019-20 Rs. Lakhs
B.		
1.	Fuel	159033
2.	Power Purchase	288922
3.	Variable Cost	447956
4.	Coal & Ash Handling related charges	1164
5.	Employee Cost	92507
	a) Salaries & Wages	4662
6.	Cost of Contracted Manpower in Regular Establishment	54623
7.	O&M Expenses	43
8.	Rent for generation	778
9.	Rates & Taxes	-
10.	Service Tax & Entry Tax	810
11.	Insurance	2374
12.	Financing Charges	24707
13.	Interest on capital expenditure	12598
14.	Interest on Temporary Accommodation	-
15.	Interest on Consumers Security Deposits	-
16.	Foreign Exchange Rate Variation	-
17.	Interest on Working Capital	-
18.	Bad Debts	1023
19.	Lease Rental	38581
20.	Depreciation	19373
21.	Advance Depreciation	73
22.	Water Charges	-
23.	Reserve for Unforeseen Exigencies	-
24.	Intangible Assets written off	1084
25.	Cost of Outsourcing	11777
26.	Tax on Income and profit	67412
27.	Return on Equity	-
28.	Terminal Benefit	-
28.	Incentives	781544
29.	Gross Aggregate Revenue Requirement	15163
30.	a) Less : Misc. other income	36
31.	b) Less : Benefits passed on for auxiliary services	532
32.	c) Less : Earnings from commercial usage of assets	765813
33.	Net Aggregate Revenue Requirement	



MANAGING DIRECTOR (DISTRIBUTION)
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