

General Information			
1	Name of the DISCOM	CESC Limited	
2	i) Year of Establishment	1899	
	ii) Government/Public/Private	Private	
3	DISCOM's Contact details & Address		
i	City/Town/Village	Kolkata	
ii	District	Kolkata	
iii	State	West Bengal	Pin 700001
iv	Telephone	(033) 22256040-49	Fax
4	Registered Office		
i	Company's Chief Executive Name	Debasish Banerjee	
ii	Designation	Managing Director (Distribution)	
iii	Address	CESC Ltd, CESC House, Chowringhee Square	
iv	City/Town/Village	Kolkata	P.O.
v	District		
vi	State	West Bengal	Pin 700001
vii	Telephone	66340710	Fax
5	Nodal Officer Details*		
i	Nodal Officer Name (Designated at DISCOM's)	Santanu Sen	
ii	Designation	General Manager (Planning)	
iii	Address	13, Biplabi Anukul Chandra Street	
iv	City/Town/Village	Kolkata	P.O.
v	District	Kolkata	
vi	State	West Bengal	Pin 700072
vii	Telephone	Fax	
6	Energy Manager Details*		
i	Name	Eshita Roy	
ii	Designation	Deputy Manager (Planning Department)	Whether EA or EM EM
iii	EA/EM Registration No.	EA-34925/23	
iv	Telephone	Fax	
v	Mobile	9163396620	E-mail ID <a href="mailto:eshita.roy@rpsg.in">eshita.roy@rpsg.in</a>
7	Period of Information		
	Year of (FY) information including Date and Month (Start & End)	1st Apr, 2023 - 30th Jun, 2023	

  
**ESHITA ROY**  
**Energy Auditor**  
**Reg. No. EA-34925/23**  
**Deputy Manager**  
**Planning Limited**  
**CESC Limited**  
**13, Biplabi Anukul Chandra Street,**  
**Kolkata - 700 072**

Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Apr, 2023 - 30th Jun, 2023	
2	<b>Technical Details</b>		
(a)	<b>Energy Input Details</b>		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	3547.09
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	3540.44
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	3280.49
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	259.95
		%	7.34%
	Collection Efficiency	%	91.52%
(c)	Aggregate Technical & Commercial Loss	%	15.20%

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

**Note:** Collection efficiency to be finalised following finalisation of audit of accounts.

Authorised Signatory and Seal

  
**Santanu Sen**  
 General Manager (Planning)  
**CESC Limited**  
 Planning Department  
 13, Biplabi Anukul Chandra Street,  
 Kolkata - 700 072

Name of Authorised Signatory: Santanu Sen

Name of the DISCOM: CESC LTD

Full Address:- CESC HOUSE, CHOWRINGHEE SQUARE, KOLKATA-700001

Date:11/09/2023

  
**ESHITA ROY**  
 Energy Auditor  
 Reg. No. EA-34925/23  
 Deputy Manager  
 Planning Limited  
 CESC Limited  
 13, Biplabi Anukul Chandra Street,  
 Kolkata - 700 072


Signature:-

Name of Energy Manager\*: Eshita Roy

Registration Number: EA-34925/23

Form-Details of Input Infrastructure					
1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles				CESC supplies in and around Kolkata. There is no circle level. Hence it is considered as one unit.
ii	Number of divisions				
iii	Number of sub-divisions				
iv	Number of feeders	11555			LT, 6/11/33kV, 220, EHV
v	Number of DTs	8965			6/11-0.42KV DTR
vi	Number of consumers	3564155			
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers				3495485
ii	Number of consumers with 'smart' meters				42011
iii	Number of consumers with 'smart prepaid meters				0
iv	Number of consumers with 'AMR' meters	1	34	1726	24635
v	Number of consumers with 'non-smart prepaid' meters				263
vi	Number of unmetered consumers				0
vi	Number of total consumers		34	1726	3564155
b. i.	Number of conventionally metered Distribution Transformers				0
ii	Number of DTs with communicable meters				8965
iii	Number of unmetered DTs				0
iv	Number of total Transformers	0	0	0	8965
c. i.	Number of metered feeders				0
ii	Number of feeders with communicable meters	55	466	2069	8965
iii	Number of unmetered feeders				0
iv	Number of total feeders	55	466	2069	8965
d.	Line length (kt km)	668	1753	7295	14135
e.	Length of Aerial Bunched Cables	302 (OH)	92 (OH)	87 (OH) incl. 6 & 3.3 kV	5748 (OH)
f.	Length of Underground Cables	366	1638.3 incl. 20kV	7081.5 incl. 6 & 3.3kV	8387
3	Voltage Levels	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	2,538.78	Includes input energy for franchisees	B'Ge B'Ge G.S. & HEL
		Medium Conventional			
		Short Term Conventional	739.24		Exchange & bilateral - adjustment made, DS
		Banking	0.00		Swap-in
		Long-Term Renewable energy			
		Medium and Short-Term RE	35.64	Includes power from bilateral/ PX	PCBL, GDAM, GTAM
		Captive, open access input		Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Sale of surplus power	-6.65		
		Quantum of inter-state transmission loss		As confirmed by SLDC, RLDC etc	
		Power procured from inter-state sources	3,307.00	Based on data from Form 5	Energy at CESC's periphery
Power at state transmission boundary	3,307.00		Energy at CESC's periphery		
ii	33kV	Long-Term Conventional	232.12		Own Southern Gen Stn
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss			
		Power procured from intra-state sources	232.12		Energy input from own generation bussed at 33kV and from SPV source.
iii		Input in DISCOM wires network	3,539.11		
iv	33 kV	Renewable Energy Procurement	0.18		From SPV Sources
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input	0.00		OA input at 33 kV
v	11 kV	Renewable Energy Procurement	0.23		From SPV Sources
		Small capacity conventional/ biomass/ hydro plants Procurement	0.00		OA input at 11 kV
		Sales Migration Input			
vi	LT	Renewable Energy Procurement	0.91		From SPV Sources
		Sales Migration Input			
		Energy Embedded within DISCOM wires network	1.32		
viii		Total Energy Available/ Input	3,540.44		
4	Voltage level	Energy Sales Particulars	MU	Reference	
i	LT Level	DISCOM' consumers	2,441.59	Include sales to consumers in franchisee areas, unmetered consumers	Sale to own consumers and company premise and zero generation at LT level.
		Demand from open access, captive		Non DISCOM's sales	
		Embedded generation used at LT level		Demand from embedded generation at LT level	
		Sale at LT level	2,441.59		
		Quantum of LT level losses			
		Energy Input at LT level	0.91		Energy Input from SPV Sources
ii	11/6 kV Level	DISCOM' consumers	570.85	Include sales to consumers in franchisee areas, unmetered consumers	Sale to own consumers and company premises at this voltage
		Demand from open access, captive	0.00	Non DISCOM's sales	
		Embedded generation at 11 kV level used		Demand from embedded generation at 11kV level	
		Sale at 11kV level	570.85		
		Quantum of Losses at 11 kV			
		Energy input from 11 kV level	0.23		Energy Input from SPV Sources
iii	33 kV Level	DISCOM' consumers	260.10	Include sales to consumers in franchisee areas, unmetered consumers	33 kV sale to own consumers
		Demand from open access, captive	0.00	Non DISCOM's sales	Sale to own consumers
		Embedded generation at 33 kV or below level		Non DISCOM's sales	
		Sale at 33kV level	260.10		Includes open access units
		Quantum of Losses at 33 kV			
		Energy input from at 33kV Level	232.30		From own generation and supplemental power purchase
iv	> 33 kV	DISCOM' consumers	6.11	Include sales to consumers in franchisee areas, unmetered consumers	Sale to own consumers, 132 kV traction
		Demand from open access, captive		Non DISCOM's sales	
		Cross border sale of energy			
		Sale to other DISCOMs	1.83		
		Banking			
		Energy input at > 33kV Level	3,307.00		
Sales at 66kV and above (EHV)	7.94		Sale to own consumers		
Total Energy Requirement			3540.44		
Total Energy Sales			3280.49		
Energy Accounting Summary					
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0.9	2441.6		
ii	11 kV	0.2	570.9		
iii	33 kV	232.3	260.1		
iv	> 33 kV	3307.0	7.9		
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT				
ii	11 kV		0.00		
iii	33 kV		0.00		
iv	> 33 kV				

Loss Estimation for DISCOM	
T&D loss	259.9
D loss	259.9
T&D loss (%)	7.34%
D loss (%)	7.34%

  
**ESHITA ROY**  
 Energy Auditor  
 Reg. No. EA-34625/23  
 Deputy Manager  
 Planning Limited  
 CESC Limited  
 13, Bipalabi Anukul Chandra Street,  
 Kolkata - 700 072

Note:  
 Figures are provisional pending finalisation of accounts.

**Details of Division Wise Losses (See note below\*\*)**

**Division Wise Losses**

S.No	Name of circle	Circle code	Name of Division	Period From 1st Apr, 2023 - To 30th Jun, 2023																		
				Consumer profile								Energy parameters				Losses		Commercial Parameter			AT & C loss (%)	
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency
													Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy						
1	Total			Residential	3036834	0	3036834	85%	4,568	0	4,568	64%	3540	1803	0	1803	55%	259.95	7.34%	2657.60		2432.22
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%					
				Commercial/Industrial-LT	497025	0	497025	14%	497	0	497	7%		627	0	627	19%					
				Commercial/Industrial-HT	1112	0	1112	0%	499	0	499	7%		545	0	545	17%					
				Others	29184	0	29184	1%	1,580	0	1,580	22%		305	0	305	9%					
<b>Sub-total</b>				<b>3564155</b>	<b>0</b>	<b>3564155</b>	<b>100%</b>	<b>7143</b>	<b>0</b>	<b>7143</b>	<b>100%</b>	<b>3540</b>	<b>3280</b>	<b>0</b>	<b>3280</b>	<b>100%</b>	<b>260</b>	<b>7.34%</b>	<b>2658</b>	<b>2432</b>	<b>91.52%</b>	<b>15.20%</b>
76	Total			Residential	3036834	0	3036834	85%	4568	0	4568	64%	3540	1803	0	1803	55%	260	7.34%	2657.6	2432.22	91.52%
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%					
				Commercial/Industrial-LT	497025	0	497025	14%	497	0	497	7%		627	0	627	19%					
				Commercial/Industrial-HT	1112	0	1112	0%	499	0	499	7%		545	0	545	17%					
				Others	29184	0	29184	1%	1580	0	1580	22%		305	0	305	9%					
<b>At company level</b>				<b>3564155</b>	<b>0</b>	<b>3564155</b>	<b>100%</b>	<b>7143</b>	<b>0</b>	<b>7143</b>	<b>100%</b>	<b>3540</b>	<b>3280</b>	<b>0</b>	<b>3280</b>	<b>100%</b>	<b>260</b>	<b>7.34%</b>	<b>2657.60</b>	<b>2432.22</b>	<b>91.52%</b>	<b>15.20%</b>

\*\* Note - It shall be mandatory to record the energy supplied separately for each category of consumers which is being provided a separate rate of subsidy in the tariff, by the state government, so that the subsidy due for the electricity distribution company is quarterly calculated by multiplying the energy supplied to each of such category of consumers by the applicable rate of subsidy notified by the state government.

\$\$ Note - Commercial parameters shall be finalised following audit of accounts

Color code	Parameter
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0	Please enter numeric value or 0
	Formula protected

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Authorised Signatory and Seal

  
**Santanu Sen**  
 General Manager (Planning)  
 CESC Limited  
 Planning Department  
 13, Biplobi Anukul Chandra Street,  
 Kolkata - 700 072

Name of Authorised Signatory: Santanu Sen  
 Name of the DISCOM: CESC LTD  
 Full Address: CESC HOUSE, CHOWRINGHEE SQUARE, KOLKATA-700001

  
**ESHITA ROY**  
 Energy Auditor  
 Reg. No. EA-34925/23  
 Deputy Manager  
 Planning Limited  
 CESC Limited  
 13, Biplobi Anukul Chandra Street,  
 Kolkata - 700 072

Signature:-  
 Name of Energy Manager: ESHITA ROY  
 Registration Number: EA-34925/23

Form-Input energy(Details of input energy & Infrastructure)			
A. Summary of energy input & Infrastructure			
S.No	Parameters	Period Period From 1st Apr, 2023 - To 30th Jun, 2023	Remarks (Source of data)
A.1	Input Energy purchased (MU)	3547	
A.2	Transmission loss (%)	0%	CESC has no transmission line. 220/132kV network of CESC is embedded in its distribution system. Losses in CESC's 220/132kV network is included in its distribution loss
A.3	Transmission loss (MU)	0.00	
A.4	Energy sold outside the periphery(MU)	6.65	
A.5	Open access sale (MU)	0.00	For persons other than consumers
A.6	HTT sale	6.11	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	3540	
A.8	% 100% metering available at 66/33 kv (Select yes or no from list)	Yes	
A.9	% 100% metering available at 11 kv (Select yes or no from list)	Yes	
A.10	% of metering available at DT	100%	
A.11	% of metering available at consumer end	100%	
A.12	No of feeders at 66kV voltage level	55	
A.13	No of feeders at 33kV voltage level	466	
A.14	No of feeders at 11kV voltage level	2069	Includes 6kV
A.15	No of LT feeders level	8965	No. of DTBs
A.16	Line length (Ckt. km) at 66kV voltage level	668	CESC has 668 ckt. km of 220kV and 132kV lines as on 31.3.22 in its distribution system.
A.17	Line length (Ckt. km) at 33kV voltage level	1733	Includes 33kV & 20kV
A.18	Line length (Ckt. km) at 11kV voltage level	7195	Includes 6kV & 3.3kV
A.19	Line length (km) at LT level	14155	614 km
A.20	Length of Aerial Bunched Cables	6229	includes Overhead lines (220/132/33/11/6/0.4kV)
A.21	Length of Underground Cables	17473	220/132/33/11/6/0.4kV
A.22	HT/A ratio	0.68	

B. Meter reading of input energy at injection points																									
S.No	Zone	Circle	Voltage Level (KV)	Division (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/Unmetered/AMU/AMR)	Status of Meter (Functional/Non-Functional)	Date of last actual meter reading/communication	Feeder Type (Agr/Industrial/Mixed)	Status of Communication			Period from... to...			Import (MU)	Export (MU)	Sales	Remarks (Source of data)				
												% data received through automatically if feeder AMR/AMH	Number of hours when meter was unable to communicate in period	Total Number of hours in the period	Meter S.No	CT ratio	PT ratio(KV)					Import (MU)	Export (MU)		
B.1			132KV			RGS	GSRG-STATION TRANSFORMER 1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A501-01	300 / 1	132 / 110								
							GSRG-STATION TRANSFORMER 1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A503-01	300 / 1	132 / 110								
							GSRG-GENERATOR TRANSFORMER 1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-1305A130-01	1500 / 1	132 / 110								
							GSRG-GENERATOR TRANSFORMER 1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A517-01	1500 / 1	132 / 110								
							GSRG-STATION TRANSFORMER 2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A507-01	300 / 1	132 / 110								
							GSRG-STATION TRANSFORMER 2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A502-01	300 / 1	132 / 110								
							GSRG-GENERATOR TRANSFORMER 2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A508-01	1500 / 1	132 / 110								
							GSRG-GENERATOR TRANSFORMER 2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-0907A500-01	1500 / 1	132 / 110								
							GSRG UNIT-3-40/25/25 MVA 220-6.9-6.9 KV STN. TR. 1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-1305A129-01	300 / 1	220 / 110								
							GSRG UNIT-3-40/25/25 MVA 220-6.9-6.9 KV STN. TR. 1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	MT-1008A061-01	300 / 1	220 / 110								
							GENERATOR TRANSFORMER 3	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405345	1000 / 1	220 / 110								
							GENERATOR TRANSFORMER 3	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405344	1000 / 1	220 / 110								
B.5			33KV			SGS	STATION TRANSFORMER -1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405365	300 / 1	33 / 110								
							STATION TRANSFORMER -1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405360	300 / 1	33 / 110								
							GENERATOR TRANSFORMER-1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405363	1500 / 1	33 / 110								
							GENERATOR TRANSFORMER-1	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405358	1500 / 1	33 / 110								
							GENERATOR TRANSFORMER-2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405359	1500 / 1	33 / 110								
							GENERATOR TRANSFORMER-2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405361	300 / 1	33 / 110								
							STATION TRANSFORMER 2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405366	300 / 1	33 / 110								
						STATION TRANSFORMER 2	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405364	1500 / 1	33 / 110									
B.2			220KV				HEL	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600											
B.3			132/220KV				HEX etc.	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600											
B.4			132/220KV				IB	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600											
B.7			132/220KV				Energy for persons other than consumers	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600											
B.6			33KV				Solar	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600											
B.8			11KV				Solar	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600											
			0.4kV				Solar																		
			33 KV				Open Access (ITC)	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6426967	100/5	33 / 110								
B.9			11 KV				Open Access (ITC)	Metered	Functional	31-03-2023	Domestic / Commercial / Industrial	100.00%	0	6600	S6405354	200/5	11/110								
B.13400																									
B.13401																									
B.13402																									
Total (MU)																									
Net input energy at DISCOM periphery (MU)																									
																		3547.09	6.65						


Color code	Parameter
	Please enter voltage level or leave blank
	Please enter feeder id and name or leave blank
	Please enter meter No or leave blank
	Please enter CT/PT ratio or leave blank
0	Please enter numeric value or 0
	Please select yes or no from list
	Formula protected

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

Authorized Signatory and Seal

  
**Santanu Sen**  
 General Manager (Planning)  
 CESC Limited  
 Planning Department  
 13, Biplobi Anukul Chandra Street,  
 Kolkata - 700 072

Name of Authorized Signatory: Santanu Sen  
 Name of the DISCOM: CESC LTD  
 Full Address: CESC HOUSE, CHOWRINGHEE SQUARE, KOLKATA-700001

  
**ESHITA ROY**  
 Energy Auditor  
 Reg. No. EA-34925/23  
 Deputy Manager  
 Planning Limited  
 CESC Limited - I  
 13, Biplobi Anukul Chandra Street,  
 Kolkata - 700 072

Signature:-  
 Name of Energy Manager: ESHITA ROY  
 Registration Number: EA-34925/23

### Details of Input Energy Sources

Period From 1st Apr, 2023 - To 30th Jun, 2023

A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (Based- Solid ( Coal ,Lignite)/Liquid/Gas/Renewable ( biomass-bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Loss MU	Voltage Level ( At input)	Remarks (Source of data)
1	Budge Budge	750	Coal	Own	Embedded in Distn system		220/132	
2	Haldia	600	Coal	LTA	Intra/Inter		220	
3	Southern	135	Coal	Own	Embedded in Distn system		33	
4	Powe Market			ST	Intra/Inter		220/132kV	
5	RE Sources of Cons		RE		Embedded in Distn system		33/11/0.4kV	

*Eshtita Roy*  
**ESHITA ROY**  
Energy Auditor  
Reg. No. EA-34925/23  
Deputy Manager  
Planning Limited  
CESC Limited  
13, Biplabi Anukul Chandra Street,  
Kolkata - 700 072

<b>(Details of Consumers)</b>						
<b>Summary of Energy</b>						
<b>Period From 1st Apr, 2023 - To 30th Jun, 2023</b>						
<b>S.No</b>	<b>Type of Consumers</b>	<b>Category of Consumers (EHT/HT/LT/Others)</b>	<b>Voltage Level (In Voltage)</b>	<b>No of Consumers</b>	<b>Total Consumption (In MU)</b>	<b>Remarks (Source of data)</b>
1	Domestic	LT	400/230 V	3036488	1715.55	
2	Commercial	LT	400/230 V	432059	399.01	
3	IP Sets					
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)					
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)					
6	Heating and Motive Power					
7	Water Supply	LT	400/230 V	1214	8.99	
8	Public Lighting	LT	400/230 V	23707	54.75	
9	HT Water Supply	HT	6/11 kV	222	121.91	
10	HT Industrial	HT	33/20/11/6/3 kV	515	345.32	
11	Industrial (Small)	LT	400/230 V	64966	228.02	
12	Industrial (Medium)					
13	HT Commercial		33/11/6 kV	597	199.76	
14	Applicable to Government Hospitals & Hospitals	LT	400/230 V	831	7.56	
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas	HT	33/11/6 kV	346	87.92	
17	Mixed Load					
18	Government offices and department	LT	400/230 V	2121	18.46	Public Bodies
19	Others-1 (if any , specify in remarks)	LT	400/230 V	742	1.06	Government Schools
20	Others-2 (if any , specify in remarks)	LT	400/230 V	174	1.69	Private Educational Institutions and Hospitals
21	Others-3 (if any , specify in remarks)	HT	6/11 kV	3	0.73	Cold storage
22	Others-4 (if any , specify in remarks)	HT	6/11 kV	28	4.48	Private Educational Institutions
23	Others-5 (if any , specify in remarks)	HT	6/11 kV	10	1.38	Construction Power Supply
24	Others-6 (if any , specify in remarks)	HT	6/11 kV	6	0.94	Co-operative Group Housing Society
25	Others-7 (if any , specify in remarks)	HT	6/11 kV	35	19.94	Public Utility
26	Others-8 (if any , specify in remarks)	HT	6/11 kV	27	2.65	Sports Complex
27	Others-9 (if any , specify in remarks)	HT	33/11/6 kV	19	13.14	MES
28	Others-10 (if any , specify in remarks)	HT	132/33 kV	9	37.75	Railway Traction / Metro
29	Others-11 (if any , specify in remarks)	HT	6/11 kV	10	0.26	CTC
30	Others-12 (if any , specify in remarks)	EHT/HT	6/11/132 kV	3	1.83	WBSEDCL sale
31	Others-13 (if any , specify in remarks)				7.12	Company Premises
32	Others-14 (if any , specify in remarks)				0.00	Open Access Sale
33	Others-15 (if any , specify in remarks)				0.00	LT Short term
34	Others-16 (if any , specify in remarks)				0.00	HT Short term
35	Others-16 (if any , specify in remarks)	LT	400/230 V	23	0.29	EV Charging stations
			<b>Total</b>	<b>3564155</b>	<b>3280.49</b>	

**Note :**

Figures are provisional pending finalisation of accounts.

*Eshtita Roy*  
**ESHITA ROY**  
**Energy Auditor**  
 Reg. No. EA-34925/23  
 Deputy Manager  
 Planning Limited  
 CESC Limited  
 13, Biplabi Anukul Chandra Street,  
 Kolkata - 700 072

(Details of Feeder-wise losses)

Period From 1st Apr, 2023 - To 30th Jun, 2023

Sl No.	Zone	Name of the Circle	Name of the Division	Name of the Sub-division	Name of the Sub-Station	Feeder Code/ID	Feeder Name	Type of Feeder ( Urban/Mixed/Industrial/Agricultural/Rural )	Type of feeder meter ( AMI/AMR/Other )	Input Energy Received at Feeder (in Mwh)	Final Net Export at Feeder Level (In Mwh)	Feeder Consumption (In Mwh)	Billing Efficiency (%)	Billed Amount (in Rs. Lakhs)	Collected Amount (in Rs. Lakhs)	Collection Efficiency (%)	T&D losses (%)	AT&C losses (%)	% Data Received through Automatically (if feeder AMR/AMI)	Remarks
1									AMR	3540.44		3280.49	92.66%	265760.00	243222.00					CESC operates its network in ring-main system; network configurations are often changed to provide 24x7 supply to its consumers and optimise power sources. Feeder-wise loss computations are difficult unless there is full-scale automation and smart metering. CESC will take up a program following approval from the WBERC.

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Planning Limited  
CESC Limited  
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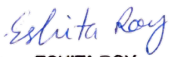


**Annexure -1: Consumer Category-wise Subsidy Billed/Received/Due for 1st April 2023 to 30th Jun 2023**

Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered	Total	Metered (out of col.2)	Un-metered (out of col.3)	Total	Metered Energy	Un-metered Energy	Metered Energy	Un-metered Energy	Total			
	(in Million kWh)			(in Million kWh)			(in Rs/kWh)		(in Rs. Cr.)			(in Rs. Cr.)	(in Rs. Cr.)	(in Rs. Cr.)
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6x9	12=10+11	13	14	15=13-14
Residential	1803	-	1803	4	-	4	7.05	-	2.9	-	2.9	2.9	3.3	-0.4
Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial/Industrial – LT	627	-	627	-	-	-	-	-	-	-	-	-	-	-
Commercial/Industrial - HT	545	-	545	-	-	-	-	-	-	-	-	-	-	-
Other (specify) <sup>2</sup>	305	-	305	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>3280</b>	<b>-</b>	<b>3280</b>	<b>4</b>	<b>-</b>	<b>4</b>	<b>7.05</b>	<b>-</b>	<b>2.9</b>	<b>-</b>	<b>2.9</b>	<b>2.9</b>	<b>3.3</b>	<b>-0.4</b>

**Notes :**

1. Full subsidy (including meter rent) has been provided by the State Government vide memo no. 53-POW-13012(12)/2/2018-SECTION (POWER) dated 17 March 2020 to the Lifeline Domestic consumers with a connected load upto 0.3 KW and having monthly consumption upto 25 units.
2. Others include LT Specified Institution (Municipal or Non-Municipal), Government School, Government aided School or Government Sponsored School, LT/HT Public Water Works and Sewerage, Pumping Station under local Authority, HT Cold Storage or Dairy with chilling plant, HT Public Utility, HT Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises, HT Construction Power Supply, LT/HT Private Educational Institutions and Hospitals, HT Sports Complex and Auditorium run by Govt. / local bodies for cultural affairs, Public Bodies (Municipal or Non-Municipal), Street Lighting, LT/HT Short-term Supply, own premises and sale to other licensees .

  
**ESHITA ROY**  
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