

ಹುಬ್ಬಳ್ಳಿ ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಂಪೂರ್ಣ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ.)

ನಿರ್ದೇಶಕರು (ತಾಂತ್ರಿಕ)

1ನೇ ಮಹಡಿ, ಕಾರ್ಪೋರೇಟ್ ಆಫೀಸ್, ನವನಗರ,
ಪಿ.ಬಿ.ರೋಡ್, ಹುಬ್ಬಳ್ಳಿ - 580 025.



HUBLI ELECTRICITY SUPPLY COMPANY LTD

(Govt. of Karnataka undertaking)

Director (Technical)

1st Floor, Corporate Office,
Navanagar,P.B.Road,Hubballi-580025

Cell: +91 9480881001

E-mail ID: dt.hescom@gmail.com

Corporate Identity Number (CIN): U31401KA2002SGC030437

NO: HESCOM/EE-EMS/AEE-EA/2023-24/Cys-5251

Dated: 30/12/2023

To,
The Director,
Bureau of Energy Efficiency,
4th Floor,Sewa Bhawan,R.K.Puram,
New Delhi-110066

Respected Sir/Madam,

Sub: Submission of periodic Energy Audit Report of HESCOM for 2st Quarter of FY-
2023-24 reg

Ref: The Gazette of India, New Delhi, Thursday, October 07.2021/ASVINA 15, 1943.

With Reference to the above subject, I am herewith submitting the Periodic
Energy Audit Report of HESCOM 1st Quarter of FY- 2023-24 (From July 23 to Sept 23)
conducted as per the clause 4.2(a) of manner and intervals for Conduct of Energy Audit in
Electricity Distribution Companies Regulation,2021 for your kind information and
needful.

Yours Sincerely,

Director (Technical),
HESCOM, Corporate Office,
Hubballi

Copy to:

1. Under Secretary to GoK,Energy department,2nd Floor,Vikasa Saudha,Bengaluru.
2. Additional Director,PCKL,Nodal Officer for Energy Audit,5th Floor,Kaveri
Bhavana,Bengaluru.
3. T.A to Managing Director ,HESCOM,Hubballi for Placing the information before
Hon'ble Managing Director,HESCOM.
4. MF/OC

General Information

1	Name of the DISCOM	HUBLI ELECTRICITY SUPPLY COMPANY LIMITED		
2	i) Year of Establishment	2002		
	ii) Government/Public/Private	PUBLIC SECTOR UNDERTAKING		
3	DISCOM's Contact details & Address			
i	City/Town/Village	Hubli Electricity Supply Company Limited, Corporate Office, PB Road, Navanagar, Hubballi-580025.		
ii	District	Dharwad		
iii	State	Karnataka	Pin	580025
iv	Telephone	0836-2322771	Fax	
4	Registered Office			
i	Company's Chief Executive Name	Sri Mohammad . Roshan		
ii	Designation	Managing Director		
iii	Address	Hubli Electricity Supply Company Limited, Corporate Office, PB Road, Navanagar, Hubballi-580025.		
iv	City/Town/Village	Hubballi		
v	District	Dharwad		
vi	State	Karnataka	Pin	580025
vii	Telephone	9448281097	Fax	
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	Sri.Shrikanth.M.Sasalatti		
ii	Designation	Director (Technical)		
iii	Address	Hubli Electricity Supply Company Limited, Corporate Office, PB Road, Navanagar, Hubballi-580025.		
iv	City/Town/Village	Hubballi		
v	District	Dharwad		
vi	State	Karnataka	Pin	580025
vii	Telephone	9480881001	Fax	
6	Energy Manager Details*			
i	Name	Sri .Prasad Mohanrao Ghatikar		
ii	Designation	Assistant Executive Engineer(EI)	Whether EA or EM	EM
iii	EA/EM Registration No.	EA-16359/20		
iv	Telephone		Fax	
v	Mobile	8073008739	E-mail ID	cemprasadhescom@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1- July 2023 to 30-September 2023		

Performance Summary of Electricity Distribution Companies			
1	1- July 2023 to 30-September 2023		
Period of Information Year of (FY) information including Date and Month (Start & End)			
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	4613.78
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	4325.68
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	3763.55
(b)	Distribution (D) loss Details	Million kwh	562.13
		%	13.00%
	Collection Efficiency	%	96%
(c)	Aggregate Technical & Commercial Loss	%	16.12%

We undertake that the information supplied in this Document and Pro-forma is accurate to the best of our knowledge.

Authorised Signatory and Seal


 Name of Authorised Signatory
DIRECTOR (TECHNICAL)
 Name of the DISCOM: **HESCOM, HUBBALLI-25.**
 Full Address:-

Signature:-

Name of Energy Manager: **PRASAD M. GHATIKAR.**

Registration Number: 16359/20

12/2023
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Form-input energy (Details of input energy & infrastructure)

A. Summary of energy input & infrastructure

S.No	Parameters	1- July 2023 to 30-September 2023	Remarks (Source of data)
A.1	Input Energy purchased (MU)	4613.78	Input Energy purchased (MU) includes Energy drawn from other ESCOMs to an extent of . MU.
A.2	Transmission loss (%)	3%	
A.3	Transmission loss (MU)	138.41	
A.4	Energy sold outside the periphery(MU)	102.09	
A.5	Open access sale (MU)	5.83	
A.6	EHT sale	337.3	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	4325.68	
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)	Yes	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)	Yes	
A.10	% of metering available at DT	80%	
A.11	% of metering available at consumer end	85%	
A.12	No of feeders at 66kV voltage level	0	
A.13	No of feeders at 33kV voltage level	238	
A.14	No of feeders at 11kV voltage level	4085	
A.15	No of LT feeders level	NA	
A.16	Line length (ckt. km) at 66kV voltage level	0	
A.17	Line length (ckt. km) at 33kV voltage level	3618.04	
A.18	Line length (ckt. km) at 11kV voltage level	98943.61	
A.19	Line length (km) at LT level	148735.45	
A.20	length of Aerial Bunched Cables	NA	
A.21	Length of Underground Cables	2503.11	
A.22	H7/LT ratio	1:1.52	

Slp	Zone	Circle	Voltage Level (kV)	Division (kV)	Sub-Station (kV)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/Unmetered/NA)	Status of Meter (Functional/Non-Functional)	Date of last meter reading/ commissioning	Feeder Type (Industial/Street)	Status of Communication		Meter SNo	C/PT Ratio	Period from In	Source	Remarks (Source of data)
												% data received through feeder ABB/AMI	Number of times when meter was unable to communicate in 24hrs					
B.1	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	60071	6272600	NA	TBC	
B.2	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	17091202	20071	4011.6	NA	TBC
B.3	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	17091458	20071	3821360	NA	TBC
B.4	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	2109845	20071	1328.8	NA	TBC
B.5	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	2309149	60071	7448200	NA	TBC
B.6	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	2309149	0	0	NA	TBC
B.7	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	2309149	0	0	NA	TBC
B.8	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	2309149	0	0	NA	TBC
B.9	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	2309149	0	0	NA	TBC
B.10	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	2309149	80071	1228100	NA	TBC
B.11	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	18881141	10071	1346.91	NA	TBC
B.12	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15007948	80071	4900	NA	TBC
B.13	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15008889	80071	0	NA	TBC
B.14	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-3	Metered	Functional	30/09/2023	0	Street	0	NA	15007901	80071	0	NA	TBC
B.15	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-3	Metered	Functional	30/09/2023	0	Street	0	NA	15008091	20075	4600	NA	TBC
B.16	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	18000	NA	TBC
B.17	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	2525300	NA	TBC
B.18	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	4507100	NA	TBC
B.19	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.20	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.21	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.22	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.23	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.24	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.25	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	15005488	20071	0	NA	TBC
B.26	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	6648660	NA	TBC
B.27	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	80076707	40075	3793250	NA	TBC
B.28	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	91665054	40075	821.6	NA	TBC
B.29	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	3793250	NA	TBC
B.30	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	5529260	NA	TBC
B.31	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	992540	NA	TBC
B.32	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	3094860	NA	TBC
B.33	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	5028.7	NA	TBC
B.34	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	3793250	NA	TBC
B.35	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	6663600	NA	TBC
B.36	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	7338.8	NA	TBC
B.37	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	5043480	NA	TBC
B.38	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	2524700	NA	TBC
B.39	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	1504250	NA	TBC
B.40	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	4821.5	NA	TBC
B.41	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	4639320	NA	TBC
B.42	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-1	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	183800	NA	TBC
B.43	BELGAM	BAGALOT	33/11kV	BAGALOT	NA	110/11 KV BANK-2	Metered	Functional	30/09/2023	0	Street	0	NA	02259411	60071	6282380	NA	TBC

Details of Division Wise Losses (See note below)**
Division Wise Losses
1- July 2023 to 30-September 2023

S.No	Name of circle	Circle code	Name of Division	Consumer profile						Energy parameters				Losses		Commercial Parameter			AT & C loss (%)									
				No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load (MW)	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy	% of energy consumption	T&D loss (MU)		T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency					
25	Bijapur		Indi	Residential	177,274	-	177,274	54%	171.81	171.81	-	171,805,621	21%	16.60	0.93	17,527,670.16	8%	56.35	17.75	19.61	110.53%							
				Agricultural	35	108,137	108,172	33%	510.00	-	510,003,342	62%	0.06	166.29	166.3429745	80%	11.72	11.68	150.47	150.45	99.99%							
				Commercial/Industrial-LT	29,550	-	29,550	9%	88.45	-	88,450,946.8	11%	8.65	-	8,651,626.6	4%	4.66	3.75	11.88	8.44	71.03%							
				Commercial/Industrial-HT	57	-	57	0%	16.95	-	16,952,807.5	2%	3.60	-	3,600,856	2%	11.33	-	11,326,315.5	100%	156.35	156.35	100%					
				Others	10,299	-	10,299	3%	40.49	-	40,487,630.7	5%	40.2303	167.219131	207.4494428	100%	15.29	0.08	15,367,789.96	8%	48.35	102.01	150,359,946.8	77%				
Sub-total				217,215	108,137	325,352	100%	827,700,348	0	827,700,348	100%	263.80	40.2303	167.219131	207.4494428	100%	56.35	156.35	196.483394	193.99902	98.70%	22.38%						
26	Bijapur		Basavine Bagewadi	Residential	158,575	477	159,052	67%	139.81	139.81	-	139,807,296	20%	6.72	-	6,719,443.5	3%	37.21	9.33	9.58	102.66%							
				Agricultural	28	48,783	48,811	20%	421.13	-	421,130,571	59%	4.835	102.01	150,359,946.8	77%	5.16	-	5,155,799.25	3%	16.98	-	16,976,040.8	9%				
				Commercial/Industrial-LT	22,316	-	22,316	9%	71.35	-	71,345,133.8	10%	92.4878	102.090691	194.5785409	100%	499.815	2,918,313	502.732824	13%	246.353	1958.04357	2204.396191	59%				
				Commercial/Industrial-HT	80	-	80	0%	34.10	-	34,096,788.2	5%	6.72	-	6,719,443.5	3%	238.25	0	238,250,378.4	6%	4325.68	552.557	0	552,557,090.4	15%			
				Others	8,526	-	8,526	4%	41.86	-	41,858,802.3	6%	16.98	-	16,976,040.8	9%	265.612	0	265,611,774.1	7%	1802.59	1960.96188	3763.548258	100%	562.13	13.00%	562.13	13.00%
Sub-total				189,525	49,260	238,785	100%	708,238,591	0	708,238,591	100%	231.79	92.4878	102.090691	194.5785409	100%	37.21	183.73852	151.09093	82.23%	30.97%							
76	Total			Residential	402,9093	1005	403,9098	67%	3905.84151	3905.84151	0	3905.84151	27%	499.815	2,918,313	502.732824	13%	522.74628	585.41529	111.99%								
				Agricultural	173668	863669	1037337	17%	6193.39578	0	6193.39578	42%	246.353	1958.04357	2204.396191	59%	1956.8746	1854.9492	94.79%									
				Commercial/Industrial-LT	607699	0	607699	10%	2143.01151	0	2143.01151	15%	4325.68	552.557	0	552,557,090.4	15%	319.08732	323.08245	101.25%								
				Commercial/Industrial-HT	3495	0	3495	0%	1205.98506	0	1205.98506	8%	552.557	0	552,557,090.4	15%	368.97182	350.12314	94.89%									
Sub-total				325777	6	325783	5%	1126.89981	0	1126.89981	8%	4325.68	1802.59	1960.96188	3763.548258	100%	562.13	282.8163	212.98378	75.31%								
77	At company level			5139732	864680	6004412	100%	14575.1337	0	14575.1337	100%	4325.68	1802.59	1960.96188	3763.548258	100%	562.13	3450.4964	3326.5538	96.41%	16.12%							

** 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.

Color code	Parameter
	Please enter name of circle
	Please enter circle code
0	Please enter numeric value or 0
	Formula protected

We undertake that the information supplied in this Document and Pro-forma is accurate to the best of our knowledge.

Authorised Signatory and Seal

Name of Authorised Signatory
 Name of the DISCOM: **DIRECTOR (TECHNICAL)**
 Full Address:- **HESCOM, HUBBALLI-25.**

Signature:-
 Name of Energy Manager:
 Registration Number: 16359/20

PRASAD. M. GHATIKAR.

