

MEGHALAYA POWER DISTRIBUTION CORPORATION LIMITED
OFFICE OF THE CHIEF ENGINEER (COMMERCIAL)
LUMJINGSHAI, SHORT ROUND ROAD, SHILLONG – 793001

Phone : (0364) 2590955

CIN: U40101ML2009SGC008374

email: cemoneva.meecl@gmail.com

No. MePDCL/CE(Comm.)/Tech-078/Pt-I/2024-25/54

Dated. 14th August, 2024

To

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

Sub: Submission of the Energy Accounting for 1st quarter of the Financial Year 2024-25 of the Meghalaya Power Distribution Corporation Limited (MePDCL).

Sir,

With reference to the subject above, I have the honour to append herewith the Energy Accounting report for 1st quarter of the Financial Year 2024-25 i.e. 1st April, 2024 to 30th June, 2024 in respect of Meghalaya Power Distribution Corporation Limited (MePDCL) as per the Bureau of Energy Efficiency (Manner and Intervals for conduct of Energy Audit in electricity Distribution Companies) Regulation, 2021.

This is for favour of your kind information and necessary action.

Encl: As above.

Yours faithfully,

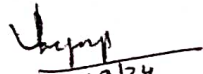
(I. Lyngdoh)
Chief Engineer (Comm.)

No. MePDCL/CE (Comm.)/Tech-78/ Pt-I/2024-25/54 (a)

Dated. 14th August, 2024.

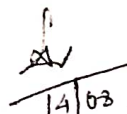
Copy to:

- 1) The Director (Distribution), MePDCL, Shillong, for favour of your kind information.
- 2) The Chief Engineer (Project), MePDCL, Shillong your kind information.
- 3) The Superintendent Engineer (RA), MePDCL, Shillong for necessary action.
- 4) All Members, Energy Audit Cell (EAC), MePDCL.
- 5) The Executive Engineer (MIS), MePDCL, Shillong with request to upload and publish this report at the website of the MeECL.
- 6) The Deputy Electrical Inspector & Nodal officer (Head), State Designated Agency on Energy Conservation, O/o the Inspectorate of Electricity, Lower Lachumiere, Shillong, for information. A copy of the report is enclosed herewith.
- 7) The IIT, Guwahati Team Email: beeitg02@gmail.com for necessary action.


14/8/24
Chief Engineer (Comm.)

General Information

1	Name of the DISCOM	Meghalaya Power Distribution Corporation Limited (MePDCL)		
2	i) Year of Establishment	18.12.2009		
	ii) Government/Public/Private	Government Enterprise		
3	DISCOM's Contact details & Address			
i	City/Town/Village	Lum Jingshai, Short Round Road		
ii	District	East Khasi Hills		
iii	State	Meghalaya	Pin	793001
iv	Telephone	(0364) 2590610	Fax	(0364) 2590355
4	Registered Office			
i	Company's Chief Executive Name	Shri Sanjay Goyal, IAS		
ii	Designation	Chairman Cum Managing Director		
iii	Address	Lum Jingshai, Short Round Road		
iv	City/Town/Village	Shillong	P.O.	Shillong GPO
v	District	East Khasi Hills		
vi	State	Meghalaya	Pin	793001
vii	Telephone	(0364) 2590610	Fax	(0364) 2590355
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	Smti. I. Lyngdoh		
ii	Designation	Chief Engineer (Comm.)		
iii	Address	Lum Jingshai, Short Round Road		
iv	City/Town/Village	Shillong	P.O.	Shillong GPO
v	District	East Khasi Hills		
vi	State	Meghalaya	Pin	793001
vii	Telephone	6009027660	Fax	
6	Energy Manager Details*			
i	Name	Santanu Mandal		
ii	Designation	Energy Manager	Whether EA or EM	EM
iii	EA/EM Registration No.	23306		
iv	Telephone		Fax	
v	Mobile	9851628686	E-mail ID	cem.meecl@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st April, 2024 - 30th June, 2024		


 14/03
 Energy Manager,
 MeECL, Meghalaya
 JEE Reg. No: EA-23306

Performance Summary of Electricity Distribution Companies		1st April, 2024 - 30th June, 2024
1	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)	737.90 Million kwh
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	413.39 Million kwh
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	351.74 Million kwh
(b)	Transmission and Distribution (T&D) loss Details	61.66 Million kwh
(c)	Collection Efficiency	14.91% %
	Aggregate Technical & Commercial Loss	90.42% %
		23.07% %


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.

Authorised Signatory and Seal



Chief Engineer (Commercial)
Meghalaya Power Distribution Corporation Limited
Name of Authorised Signatory: Shillong - 793001


Signature:-


Energy-Manager
MeECL, Meghalaya
Registration Number: Reg. No: EA-23306

Name of the DISCOM:

Full Address:-


3	Voltage level	Energy Purchase Particulars	MU	Reference	Remarks (Source of Data)	
i	66kV and above	Long-Term Conventional	395.908	Includes input energy for franchisees	Central Generating Stations	
		Medium Conventional				
		Short Term Conventional	42.019			
		Banking	0.000			IE& DSM
		Long-Term Renewable energy				
		Medium and Short-Term RE				
		Captive, open access input			Includes power from bilateral/ PX/ DEEP	
		Sale of surplus power			Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Quantum of inter-state transmission loss		13.619	As confirmed by SLDC, RLDC etc	
		Power procured from inter-state sources		437.928	Based on data from Form 5	
ii	33kV	Power at state transmission boundary	424.308			
		Long-Term Conventional	299.972		MePGCL	
		Medium Conventional				
		Short Term Conventional				
		Banking				
		Long-Term Renewable energy				
		Medium and Short-Term RE				
		Captive, open access input				
		Sale of surplus power		10.243		
		Quantum of intra-state transmission loss		299.972		
iii	33 kV	Power procured from intra-state sources	714.037			
		Input in DISCOM wires network				
		Renewable Energy Procurement				
		Small capacity conventional/ biomass/ hydro plants				
		Procurement				
		Captive, open access input				
		Renewable Energy Procurement				
		Small capacity conventional/ biomass/ hydro plants				
		Procurement				
		Sales Migration Input				
iv	11 kV	Renewable Energy Procurement				
		Small capacity conventional/ biomass/ hydro plants				
		Procurement				
		Sales Migration Input				
		Renewable Energy Procurement				
		Sales Migration Input				
		Renewable Energy Procurement				
		Sales Migration Input				
		Energy Embedded within DISCOM wires network		0.000		
		Total Energy Available/ Input		714.037		
v	LT Level	Energy Sales Particulars		Reference		
		DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers		
		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		149.870		
		Quantum of LT level losses		53.651		
		Energy input at LT level		203.521		
		DISCOM' consumers		102.464		
		Demand from open access, captive				
		vi	LT Level	Energy Sales Particulars		Reference
DISCOM' consumers				Include sales to consumers in franchisee areas, unmetered consumers		
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				149.870		
Quantum of LT level losses				53.651		
Energy input at LT level				203.521		
DISCOM' consumers				102.464		
Demand from open access, captive						


 Energy Manager,
 MeECL, Meghalaya
 BEE Reg. No: EA-23906

11 KV Level	Embedded generation at 11 KV level used	Demand from embedded generation at 11KV level
ii	Sales at 11 KV level	102.464
	Quantum of Losses at 11 KV	6.540
	Energy input at 11 KV level	109.004
	DISCOM* consumers	35.154
	Demand from open access, captive	
	Embedded generation at 33 KV or below level	
iii	Sales at 33 KV Level	35.154
	Quantum of Losses at 33 KV	1.465
	Energy input at 33KV Level	36.618
	DISCOM* consumers	64.250
	Demand from open access, captive	
	Cross border sale of energy	300.643
	Sale to other DISCOMs	
	Banking	
	Energy input at > 33KV Level	364.893
	Sales at 66KV and above (EHV)	364.893
iv	Total Energy Requirement	714.037
	Total Energy Sales	652.381


Energy Accounting Summary					
	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
5			149.8696357	53.65112774	26.36150083
i	LT	203.5207634	102.4642141	6.540268985	6
ii	11 Kv	109.0044831	35.15368005	1.464736669	4
iii	33 kv	36.61841672	64.25036457	0	0
iv	> 33 kv	64.25036457			
6	Open Access, Captive				
i	LT				
ii	11 Kv				
iii	33 kv				
iv	> 33 kv				
			0		#DIV/0!

Loss Estimation for DISCOM	
T&D loss	61.66
T&D loss (%)	14.91%

 14/03/24
 Energy Manager,
 McECL, Meghalaya
 BEE Reg. No: EA-23306

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	7			
ii	Number of divisions	17			
iii	Number of sub-divisions	52			
iv	Number of feeders	582			
v	Number of DTs	13477			
vi	Number of consumers	696242			
2.	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	11	88	627	564249
ii	Number of consumers with 'smart' meters		2	147	97953
iii	Number of consumers with 'smart prepaid' meters			0	0
iv	Number of consumers with 'AMR' meters			0	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	14131
vi	Number of unmetered consumers				19034
vii	Number of total consumers	11	90	774	695367
b.i.	Number of conventionally metered Distribution Transformers		3958		
ii	Number of DTs with communicable meters		0		
iii	Number of unmetered DTs		9519		
iv	Number of total Transformers		13477		
c.i.	Number of metered feeders	11	93	293	
ii	Number of feeders with communicable meters	0	0	0	
iii	Number of unmetered feeders		110	75	0.796195652
iv	Number of total feeders	11	203	368	0.458128079
d.	Line length (ct km)				
e.	Length of Aerial Bunched Cables		29384.128 (LT line)+ 17697.98 (11 kV line)+ 2797.40 (33kV line)		
f.	Length of Underground Cables		0		
			1.86		


Energy Manager,
MeECL, Meghalaya
BEE Reg. No: EA-23

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

Period From 1st April, 2024 - 30th June, 2024

Division Wise Losses

S.No	Name of circle	Circle code	Name of Division	Consumer profile				Energy parameters				Losses			Commercial Parameter		AT & C loss (%)							
				No of metered connections	No of unmetered connections	Total number of connections	% of connections	Connected load (MW)	Unmetered load (MW)	Total Connected load (MW)	% of Connected load	Input energy (MU)	Metered energy (MU)	Unmetered energy (MU)	Total energy (MU)	% of energy consumption		T&D loss (MU)	T&D loss (%)	Billed Amount In Rs. Crore	Collected Amount In Rs. Crore	Collection Efficiency (%)		
1	Shillong Distribution Circle		Shillong Distribution Circle	Residential	119670	4	119674	88%	267.4177	0.004	267.4217	68%	54.1794	0.000484	154.17989	58%	35.84534	37.51678	104.66%	0.000375	0.008959	2398.37%		
				Agricultural	15107	0	15107	13%	52.97478	0	52.97478	19%	103.1962	0	10.74688	0	10.74688	11%	9.165848	9.962149	99.90%	8.272538	8.462329	102.27%
				Commercial/Industrial-LT	135	0	135	1%	22.93431	0	22.93431	6%	21.20966	0	21.20966	0	21.20966	23%	74.30333	75.80494	102.02%	20.2058	19.85377	98.24%
				Others	136038	4	136042	100%	393.4787	0.004	393.4827	100%	103.1962	94.02985	0.00084	94.03034	100%	5.652279	5.405653	95.64%	0.001768	0	0.00%	
	Sub-total			66556	2008	68564	96%	79.65275	2.018	81.67075	81%	8.954196	0.181809	9.136005	61%	1.890054	1.77284	94.03%	1.890054	1.77284	94.03%			
2	Khasi Hills Distribution Circle		East Khasi Hills Distribution Division	Residential	2440	0	2440	3%	10.0581	0	10.0581	10%	0.674312	0	0.674312	5%	2.670361	1.02287	142.66%	2.670361	1.02287	142.66%		
				Agricultural	269	0	269	0%	6.727531	0	6.727531	7%	2.987898	0	2.987898	20%	10.98591	1.768142	56.22%	10.98591	1.768142	56.22%		
				Commercial/Industrial-LT	69275	2008	71283	100%	88.95138	2.018	100.9694	100%	16.25153	14.68899	0.181809	14.86778	100%	4.39133	4.352121	98.11%	4.39133	4.352121	98.11%	
				Others	57659	429	58088	95%	66.69876	0.429	67.12776	80%	6.540417	0.021828	6.562245	68%	0.001494	0.001494	100.00%	0.001494	0.001494	100.00%		
	Sub-total			2991	0	2991	5%	11.49959	0	11.49959	14%	12.67094	0	12.67094	19%	1.801672	1.819753	101.00%	1.801672	1.819753	101.00%			
3	Khasi Hills Distribution Circle		West Khasi Hills Distribution Division	Residential	690	0	690	4%	1.618	0	1.618	7%	0.378143	0	0.378143	13%	0	0	0.00%	0.378143	0.423135	114.07%		
				Agricultural	83	0	83	0%	1.498	0	1.498	6%	0.308839	0	0.308839	11%	0.32705	0.930169	284.41%	0.32705	0.930169	284.41%		
				Commercial/Industrial-LT	16846	22	16868	100%	23.9448	0.022	23.9668	100%	5.25923	2.860978	0	2.860978	100%	2.11724	2.403315	113.51%	2.11724	2.403315	113.51%	
				Others	29102	296	29398	95%	35.6178	0.296	35.9138	50%	5.25923	2.860978	0	2.860978	100%	2.827761	1.979304	70.00%	2.827761	1.979304	70.00%	
	Sub-total			1361	0	1361	4%	5.4562	0	5.4562	8%	14.23585	0	14.23585	61%	10.39489	9.94676	87.49%	10.39489	9.94676	87.49%			
4	Ri-Bhoi Distribution Circle		Umiam Distribution Division	Residential	125	0	125	0%	5.3835	0	5.3835	7%	2.57848	0	2.57848	11%	2.280816	2.111437	92.57%	2.280816	2.111437	92.57%		
				Agricultural	30646	296	30942	100%	72.05679	0.296	72.35348	100%	33.01339	23.14348	0.021417	23.1649	100%	16.51082	14.15855	85.75%	16.51082	14.15855	85.75%	
				Commercial/Industrial-LT	22866	237	23103	94%	26.3999	0.237	26.6378	79%	3.641088	0.023852	3.66494	74%	1.994972	1.301258	65.23%	1.994972	1.301258	65.23%		
				Others	2	0	2	0%	0.017	0	0.017	0%	0.003804	0	0.003804	0%	0.001994	0.002459	123.28%	0.001994	0.002459	123.28%		
	Sub-total			1254	0	1254	5%	4.39501	0	4.39501	3%	5.27296	0	5.27296	20%	0.8587	0.83852	97.67%	0.8587	0.83852	97.67%			
5	Ri-Bhoi Distribution Circle		Nongpoh Distribution Division	Residential	6	0	6	0%	0.4959	0	0.4959	1%	0.074198	0	0.074198	2%	0.348785	0.22558	64.68%	0.348785	0.22558	64.68%		
				Agricultural	154	0	154	1%	2.2	0	2.2	7%	0.231762	0	0.231762	5%	3.07707	2.452032	74.13%	3.07707	2.452032	74.13%		
				Commercial/Industrial-LT	24082	237	24319	100%	33.4523	0.237	33.6893	100%	5.27296	4.919329	0.023852	4.943181	100%	0.329779	0.329779	100%	0.329779	0.329779	100%	
				Others	5932	1	5933	86%	8.0113	0.001	8.0123	4%	1.89247	0	1.89247	2%	1.143126	1.403088	122.74%	1.143126	1.403088	122.74%		
	Sub-total			803	0	803	12%	4.207	0	4.207	2%	103.4662	0	103.4662	1%	-0.58064	1.08435	118.01%	1.08435	1.279666	118.01%			
6	Ri-Bhoi Distribution Circle		Kheirhat Distribution Division	Residential	116	0	116	2%	201.7326	0	201.7326	94%	100.9519	0	100.9519	97%	68.21757	54.87944	80.45%	68.21757	54.87944	80.45%		
				Agricultural	26	0	26	0%	0.3221	0	0.3221	0%	0.040687	0	0.040687	0%	0.049145	0.035823	72.89%	0.049145	0.035823	72.89%		
				Commercial/Industrial-LT	6877	1	6878	100%	214.273	0.001	214.274	100%	103.4662	104.0468	0	104.0468	100%	-0.58064	70.49419	57.59801	81.71%	70.49419	57.59801	81.71%
				Others	23645	134	23779	92%	27.2783	0.134	27.4123	28%	5.72441	0.016781	5.74089	29%	3.19685	2.933148	91.75%	3.19685	2.933148	91.75%		
	Sub-total			1798	0	1798	7%	7.4282	0	7.4282	7%	1.732505	0	1.732505	9%	5.885984	1.577007	103.68%	1.577007	1.577007	103.68%			
7	Jaintia Hills Distribution Circle		Kheirhat Distribution Division	Residential	64	0	64	0%	60.00413	0	60.00413	60%	11.83061	0	11.83061	6%	13.7421	10.16156	73.77%	13.7421	10.16156	73.77%		
				Agricultural	114	0	114	0%	4.4211	0	4.4211	4%	0.270518	0	0.270518	1%	0.540875	0.130323	24.09%	0.540875	0.130323	24.09%		
				Commercial/Industrial-LT	25621	134	25755	100%	99.42373	0.134	99.55773	100%	25.46051	19.57575	0.016781	19.57455	100%	19.03294	14.80204	77.17%	19.03294	14.80204	77.17%	
				Others	25009	0	25009	92%	36.8124	0.001	36.8134	71%	5.8425	0	5.8425	100%	3.721129	3.851905	103.51%	3.721129	3.851905	103.51%		
	Sub-total			2085	0	2085	8%	8.496001	0	8.496001	16%	1.373233	0	1.373233	16%	1.95652	1.265159	120.46%	1.265159	1.523985	120.46%			
8	Jaintia Hills Distribution Circle		Jowai Distribution Division	Residential	7	0	7	0%	0.791	0	0.791	2%	1.960332	0	1.960332	100%	1.526513	1.428783	93.60%	1.526513	1.428783	93.60%		
				Agricultural	154	0	154	1%	5.7129	0	5.7129	11%	8.771884	0	8.771884	100%	1.95652	1.864853	102.15%	1.95652	1.864853	102.15%		
				Commercial/Industrial-LT	27255	1	27256	100%	51.8123	0.001	51.8133	100%	10.7284	8.771884	0	8.771884	100%	1.95652	1.864853	102.15%	1.95652	1.864853	102.15%	
				Others	37508	0	37508	97%	40.4098	0	40.4098	80%	4.304834	0	4.304834	75%	2.430423	2.344592	96.47%	2.430423	2.344592	96.47%		
	Sub-total			37508	0	37508	97%	40.4098	0	40.4098	80%	4.304834	0	4.304834	75%	2.430423	2.344592	96.47%	2.430423	2.344592	96.47%			

Energy
MeECL, Meghalaya
SEE Reg. No: EA-23306

B. Meter reading of input energy at injection points:

S.No	Zone	Circle	Voltage Level (kVA)	Division (kVA)	Sub-Division (kVA)	Feeder ID	Feeder Name	Feeder Status (Metered/Unmetered/AMI/AMR)	Meter Status (Functional/Non-functional)	Metering Date of last meter reading/commutation	Feeder Type (Agri/Industrial/Mixed)	Status of Contamination			Period from...to...		Remarks (Source of data)
												% data received through automatic feeder AMR/A MI	Number of hours when meter was unable to communicate	Total Number of hours in the period	Meter S.No	CT/PT ratio	
B.1	Eastern	Shillong	33kV	Shillong	Shillong					30.06.24	Mixed	0%				103.20	
B.2				132/33 kv Mawbi s/s					Functional	30.06.24	Mixed	0			MET00010		
B.3						20 MVA X-mer		Metered	Functional	30.06.24	Mixed	0			IEM10001714A		
B.4						21 MVA X-mer		Metered	Functional	30.06.24	Mixed	0			MET00008		
B.5						22 MVA X-mer-1		Metered	Functional	30.06.24	Mixed	0			IEM10001687A		
B.6									Functional	30.06.24	Mixed	0			MET00009		
B.7				132/33 kv NEHU S/S			TRANSFORMER	Metered	Functional	30.06.24	Mixed	0			IEM10001656A		
B.8							TRANSFORMER	Metered	Functional	30.06.24	Mixed	0			IEM10001651A		
B.9						132KV 20MVA X-		Metered	Functional	30.06.24	Mixed	0			MET00014		
B.10								Metered	Functional	30.06.24	Mixed	0			IEM10001685A		
B.11				132/33 kv Mawphang S/S				Metered	Functional	30.06.24	Mixed	0			MET00019		
B.12						132KV 20MVA X-		Metered	Functional	30.06.24	Mixed	0			IEM10001676A		
B.13								Metered	Functional	30.06.24	Mixed	0			18135371		
B.14							TRANSFORMER	Metered	Functional	30.06.24	Mixed	0			18135353		
B.15								Metered	Functional	30.06.24	Mixed	0					
B.16								Metered	Functional	30.06.24	Mixed	0			MET00001		
B.17				132/33 kv Mawlyndee S/S				Metered	Functional	30.06.24	Mixed	0			MET00002		
B.18								Metered	Functional	30.06.24	Mixed	0			XE471653		
B.19							Sonapani Small Hydro	Metered	Functional	30.06.24	Mixed	0					
B.20	Eastern	Khasi Hills	33kV	East Khasi Hills	Jawnyngkneng			Metered	Functional	30.06.24	Mixed	0					5.86
B.21							33/11 kv LAD SMIT	Metered	Functional	30.06.24	Mixed	0					
B.22	Eastern	Khasi Hills	33kV	East Khasi Hills	Cherra			Metered	Functional	30.06.24	Mixed	0			XG414398		4.44
B.23							132/33 kv Cherra	Metered	Functional	30.06.24	Mixed	0					
B.24								Metered	Functional	30.06.24	Mixed	0			MET00013		1.98
B.25	Eastern	Khasi Hills	33kV	East Khasi Hills	Pynursia			Metered	Functional	30.06.24	Mixed	0					
B.26							33/11 kv Laitlyngkot s/s	Metered	Functional	30.06.24	Mixed	0					
B.27	Eastern	Khasi Hills	33kV	East Khasi Hills	Sohlong			Metered	Functional	30.06.24	Mixed	0					3.97
B.28							33/11 Mawphang s/s	Metered	Functional	30.06.24	Mixed	0					
B.29	Eastern	Khasi Hills	33kV	South Khasi Hills	Mawsynram			Metered	Functional	30.06.24	Mixed	0					4.32
B.30							132/33 kv Mawsynram s/s	Metered	Functional	30.06.24	Mixed	0					
B.31	Eastern	Khasi Hills	33kV	South Khasi Hills	Mawkyrwat			Metered	Functional	30.06.24	Mixed	0					4.89
B.32							33/11 kv Weilloi s/s	Metered	Functional	30.06.24	Mixed	0					
B.33	Eastern	Khasi Hills	33kV	West Khasi Hills	Nongstoin			Metered	Functional	30.06.24	Mixed	0					6.34
B.34							132/33 kv Nongstoin s/s	Metered	Functional	30.06.24	Mixed	0					

Energy Manager,
MeECL, Meghalaya
SEE Reg. No: EA-23306

Sl. No.	Area	Substation	Transformer	Capacity	Category	Year	Condition	Energy	Loss	Cost	Remarks
B.96											
B.97											
B.98											
B.99											
B.100											
B.101											
B.102	Eastern	Rt-Bhoi	33KV		HT Consumer						47.69
B.103											
B.104											
B.105											
B.106											
B.107	Western	East Garo Hills	33KV		Bajengdoba						6.82
B.108											
B.109											
B.110	Western	East Garo Hills	33KV		Mendipathar						7.59
B.111											
B.112											
B.113	Western	East Garo Hills	33KV		Williamagar						5.33
B.114											
B.115	Western	South Garo Hills	33KV		Baghmara						4.82
B.116											
B.117											
B.118											
B.119	Western	South Garo Hills	33KV		Nangalbibra						6.12
B.120											
B.121											
B.122											
B.123	Western	South Garo Hills	33KV		Chockpot						0.80
B.124											
B.125	Western	Tura	33KV		Tura						14.62
B.126											
B.127											
B.128											
B.129											
B.130											
B.131	Western	West Garo Hills	33KV		Dalu						4.92
B.132											
B.133	Western	West Garo Hills	33KV		Phulbari						21.60
B.134											
B.135	Western	South West Garo Hills	33KV		Garobadha						3.02
B.136											
B.137											
B.138	Western	South West Garo Hills	33KV		Hidragan + Ampati						8.94
B.139											
B.140											
B.141											
B.142	Western	South West Garo Hills	33KV		Selsella						0.53
B.143											
B.13401											
B.13402											
Total (MU)											413.39
Net Input energy at DISCOM periphery (MU)											413.39

[Signature]
14/8/24
Chief Engineer (Commercial)
Meghalaya Power Distribution Corporation Limited
Lumjingshai, Shillong - 793001


[Signature]
Energy Manager,
MeECL, Meghalaya
DEE Reg. No: EA-23306

Details of Input Energy Sources

Period From 1st April, 2023 - 30th June, 2024

A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station (Generation Based - Solid, Liquid, Gas/Renewable (biomass-bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Lbss MU	Voltage Level (At input)	Remarks (Source of data)
1	Umiam I	4X9	Hydro	PPA (25)	Intra-state	1.367772638	33	Management
2	Umiam II	2X10	Hydro	PPA (25)	Intra-state	0.727797125	33	Management
3	Umiam III	2X30	Hydro	PPA (25)	Intra-state	0.710059941	33	Management
4	Umiam IV	2X30	Hydro	PPA (25)	Intra-state	1.386708691	33	Management
5	MLHEP	3X42	Hydro	PPA (25)	Intra-state	4.099884567	33	Management
6	Umtru	4X2.8	Hydro	PPA (25)	Intra-state	0	33	Management
7	Sunapani	1X1.5	Hydro	PPA (25)	Intra-state	0.054678316	33	Management
8	New Umtru	2X20	Hydro	PPA	Intra-state	1.433184274	33	Management
9	Lakroh	1X1.5	Hydro	PPA	Intra-state	0.03267473	33	Management
10	Ganol	3X7.5	Hydro	PPA	Intra-state	0.430172663	33	Management
11	KOPILI	4X50	Hydro	PPA (5)	Inter-state	0.90800025	132	Management
12	KOPILI-Ext	1X25	Hydro	PPA (5)	Inter-state	0.223631935	132	Management
13	KHANDONG	2X25	Hydro	PPA (5)	Inter-state	0	132	Management
14	RANGANADI	3X135	Hydro	PPA (5)	Inter-state	1.22204567	132	Management
15	DOYANG	3X25	Hydro	PPA (5)	Inter-state	0.103387528	132	Management
16	AGBPP	6X33.5 +3X30	Gas-Steam	PPA (5)	Inter-state	0.496952122	132	Management
17	AGTPP	4X21+2X25.5	Gas	PPA (5)	Inter-state	1.38476593	132	Management
18	OTPC Palatana	2X363.3	Gas-Steam	PPA (25)	Inter-state	3.337568552	132	Management
19	Loktak	3X35	Hydro	PPA (15)	Inter-state	0.49481559	132	Management
20	AGTPP-CS	41	Gas-Steam	PPA	Inter-state	0	132	Management
21	BTPS	3X250	Coal	PPA (25)	Inter-state	4.409871759	132	Management
22	Pare/ NEEPCO	1X110	Hydro	PPA	Inter-state	0.466580982	132	Management
23	Kameng/ NEEPCO	4X150	Hydro	PPA	Inter-state	0.571615343	132	Management


 Energy Manager,
 M.ECL, Meghalaya
 E Reg. No: EA-23306

Annexure - 1 : Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period 1st April, 2024 - 30th June, 2024

S.N.	Division Name	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**	Total	Metered Energy	Un-metered Energy	Total				
																		(In kwh)
1		Residential	2	3	4=2+3	5	6	7=5+6	8	9	10=5x8	11=6x9	12=10+11	13	14	15=13-14		
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2		Commercial/Industrial-LT	2	3	4=2+3	5	6	7=5+6	8	9	10=5x8	11=6x9	12=10+11	13	14	15=13-14		
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3		Commercial/Industrial-LT	2	3	4=2+3	5	6	7=5+6	8	9	10=5x8	11=6x9	12=10+11	13	14	15=13-14		
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total for DISCOM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Signature
14/08/24

Energy Manager,
MeECL, Meghalaya
BEE Reg. No: EA-23305