GOVERNMENT OF ARUNACHAL PRADESH
DEPARTMENT OF POWER

email: cecomita@gmail.com

Office of the Chief Engineer (Commercial)
cum Chief Electrical Inspector,
Vidyut Bhawan, Itanagar -791111
(Arunachal Pradesh)

No: CE(COM)/ENERGY-AUDIT/121/2023-24/2316-20 Dated Itanagar, the 5th February 2024

To,

Dr. Sreenath J G
BEE-IIT Guwahati team
Indian Institute Technology,
Amingaon, Guwahati
Assam 781093.

Sub:- Submission of Quarterly Energy Accounting Reports for 1st and 2nd Quarters of FY 2023-24

Sir,

Enclosed please find herewith the Quarterly Energy Accounting for the 1st and 2nd Quarters of FY 2023-24 in prescribed formats in respect of the Department of Power, Government of Arunachal Pradesh.

This is for your information and further necessary action at your end please.

Enclo: As stated above.

Yours Faithfully

Chief Engineer
Commercial cum CEI

No: CE(COM)/ENERGY-AUDIT/121/2023-24/ Dated Itanagar, the February 2024

Copy to:

1. The PS to Commissioner (Power), Government of Arunachal Pradesh, 3rd Floor, Bock No. 2, AP Civil Secretariat, Itanagar for information of Commissioner Power please.
2. The Chief Program Manager, REC Limited, SRADDHA Building, MG Road & GS Road, Crossing, SOHUM/SBI Point, Christian Basti, Guwahati-781005 (Assam) along with the copy of reports for information please.
3. The Chief Engineer (P), TP&MZ, Deptt. of Power, Vidyut Bhawan, Itanagar, Arunachal Pradesh for information along with a copy of the reports. He is requested to upload/publish the same on the department's web portal.
4. The State Nodal Officer (SNO) RDSS, Deptt. of Power, Vidyut Bhawan, Itanagar, Arunachal Pradesh for information along with a copy of the reports.

Chief Engineer
Commercial cum CEI

General Information					
1	**Name of the DISCOM**	Department of Power, Government of Arunachal Pradesh			
2	**i) Year of Establishment**	1991 (Biifcurcated from AP PWD)			
	ii) Government/Public/Private	Government Department			
3	**DISCOM's Contact details & Address**				
i	City/Town/Village	Itanagar			
ii	District	Papun Pare			
iii	State	Arunachal Pradesh		Pin	791111
iv	Telephone	8414077247		Fax	
4	**Registered Office**				
i	Company's Chief Executive Name	Er. Duyu Tacho			
ii	Designation	Chief Engineer(Com) cum CEI			
iii	Address	Commercial Zone cum Electrical Inspectorate Department of Power, Vidyut Bhawan			
iv	City/Town/Village	Itanagar		P.O.	Itanagar
v	District	Papun Pare			
vi	State	Arunachal Pradesh		Pin	791111
vii	Telephone	8414077247		Fax	
5	**Nodal Officer Details***				
i	Nodal Officer Name (Designated at DISCOM's)	Er. Duyu Tacho			
ii	Designation	Chief Engineer(Com) cum CEI			
iii	Address	Commercial Zone cum Electrical Inspectorate Department of Power, Vidyut Bhawan			
iv	City/Town/Village	Itanagar		P.O.	
v	District	Papun Pare			
vi	State	Arunachal Pradesh		Pin	791111
vii	Telephone	8414077247		Fax	
6	**Energy Manager Details***				
i	Name	Sri Okom Siram			
ii	Designation	Superintending Engineer		Whether EA or EM	No
iii	EA/EM Registration No.				
iv	Telephone	8416003234		Fax	
v	Mobile		E-mail ID	cecomita@gmail.com	
7	**Period of Information**				
	Year of (FY) information including Date and Month (Start & End)	1st Apr, 2023 - 30 june,2023			

Energy Manager
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Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Apr, 2023 - 30 june,2023	
2	**Technical Details**		
(a)	**Energy Input Details**		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	339.67
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	254.75
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	162.57
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	92.17
		%	0.36
	Collection Efficiency	%	74%
(c)	Aggregate Technical & Commercial Loss	%	53%

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

Signature:-

Name of Energy Manager*:

Registration Number:

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Department of Power
Arunachal Pradesh

Name of Authorised Signatory

Name of the DISCOM:

Full Address:-

Seal

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	8	y	y	MIS
ii	Number of divisions	31	y	y	MIS
iii	Number of sub-divisions	62	y	y	
iv	Number of feeders	453	y	y	RDSS sanction DPR
v	Number of DTs	7488	y	y	RDSS sanction DPR
vi	Number of consumers	297246	y	y	MIS
2	**Parameters**	**66kV and above**	**33kV**	**11/22kV**	**LT**
a. i.	Number of conventional metered consumers	4	48	490	108068
ii	Number of consumers with 'smart' meters	0	0	0	0
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0
iv	Number of consumers with 'AMR' meters	0	0	0	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	31288
vi	Number of unmetered consumers	0	17	303	157028
vii	**Number of total consumers**	4	65	793	296384
b.i.	Number of conventionally metered Distribution Transformers				
ii	Number of DTs with communicable meters				
iii	Number of unmetered DTs				
iv	**Number of total Transformers**				
c.i.	Number of metered feeders				
ii	Number of feeders with communicable meters				
iii	Number of unmetered feeders				
iv	**Number of total feeders**				
d.	Line length (ct km)				
e.	Length of Aerial Bunched Cables				
f.	Length of Underground Cables				

3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional		Includes input energy for franchisees	
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE	0	Includes power from bilateral/ PX/ DEEP	
		Captive, open access input	0	Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Sale of surplus power			
		Quantum of inter-state transmission loss		As confirmed by SLDC, RLDC etc	
		Power procured from inter-state sources	0	Based on data from Form 5	
		Power at state transmission boundary	0		

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ii	33kV	Long-Term Conventional	0		
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	0		
		Medium and Short-Term RE	0		
		Captive, open access input	0		
		Sale of surplus power	0.00%		
		Quantum of intra-state transmission loss	0		
		Power procured from intra-state sources	0		
iii		**Input in DISCOM wires network**	0		
iv	33 kV	Renewable Energy Procurement	0		
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input	0		
v	11 kV	Renewable Energy Procurement	0		
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
		Sales Migration Input	0		
vi	LT	Renewable Energy Procurement	0		
		Sales Migration Input	0		
vii		**Energy Embedded within DISCOM wires network**	0		
viii		**Total Energy Available/ Input**	0		
4	**Voltage level**	**Energy Sales Particulars**	**MU**	**Reference**	
I	LT Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation used at LT level	0	Demand from embedded generation at LT level	
		Sale at LT level	0		
		Quantum of LT level losses	0		
		Energy Input at LT level			online MIS
ii	11 kV Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation at 11 kV level used	0	Demand from embedded generation at 11kV level	
		Sales at 11 kV level	0		
		Quantum of Losses at 11 kV	0		
		Energy input at 11 kV level			
iii	33 kV Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation at 33 kV or below level		This is DISCOM and OA demand met via energy generated at same voltage level	
		Sales at 33 kV level	0		
		Quantum of Losses at 33 kV	0		
		Energy Input at 33kV Level			
		DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	

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iv	> 33 kV	Demand from open access, captive		Non DISCOM's sales	
		Cross border sale of energy			
		Sale to other DISCOMs			
		Banking			
		Energy input at > 33kV Level			
		Sales at 66kV and above (EHV)	0		
		Total Energy Requirement	**0**		
		Total Energy Sales	**0**		

Energy Accounting Summary

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0			
ii	11 Kv	0			
iii	33 kv	0			
iv	> 33 kv	0			
6	**Open Access, Captive**	**Input (in MU)**	**Sale (in MU)**	**Loss (in MU)**	
i	LT	0	0		
ii	11 Kv	0	0		
iii	33 kv	0	0		
iv	> 33 kv	0	0		

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	#DIV/0!
D loss (%)	#DIV/0!

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

Division Wise Losses

Period From Apr-2023 To June-2023

S.No	Name of circle	Circle code	Name of Division	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	Input energy (MU)	Billed energy (MU) Metered energy	Billed energy (MU) Unmetered/ assessment energy	Billed energy (MU) Total energy	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
1	AHARLAGU	APEC-I	D (ITANAGA	Residential	16848	7220	24068	82%	35.93261	11.62044	47.55305	69%		7.295885	4.507864	11.803749	63%			7.02143325	5.29851249	75.46%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	4726	463	5189	18%	7.92299	1.53261	9.4556	14%	28.26	3.325923	0.667698	3.993621	21%	9.420799	33%	2.55786867	1.86084994	72.75%	
				Commercial/Industrial-HT	34	6	40	0%	1.55309	1.42772	2.98081	4%		1.343795	0.210722	1.554517	8%			0.9526339	0.3862398	40.54%	
				Others	74	22	96	0%	2.02122	6.57392	8.59514	13%		1.365611	0.121703	1.487314	8%			0.89036866	0.56398116	63.34%	
Sub-total					21682	7711	29393	100%	47.42991	21.15469	68.5846	100%	28.26	13.33121	5.507987	18.839201	100%	9.420799	33%	11.4223045	8.10958339	71.00%	53%
2	AHARLAGU	APEC-I	(NAHARLA	Residential	11266	6323	17589	81%	14.00451	5.7831	19.78761	34%		6.720672	2.113955	8.834627	23%			4.00722426	2.2013376	54.93%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	3241	475	3716	17%	4.63155	0.54635	5.1779	9%	48.904	2.043775	0.248143	2.291918	6%	10.03674	21%	1.3235683	0.90556	68.42%	
				Commercial/Industrial-HT	37	14	51	0%	2.97273	0	2.97273	5%		0.718845	0	0.718845	2%			0.3451968	0.3145103	91.11%	
				Others	151	120	271	1%	30.01588	0.13118	30.14706	52%		26.95017	0.071701	27.02187	70%			9.20791954	8.2009351	89.06%	
Sub-total					14695	6932	21627	100%	51.62467	6.46063	58.0853	100%	48.904	36.43346	2.433799	38.86726	100%	10.03674	21%	14.8839089	11.622343	78.09%	38%
3	AHARLAGU	APEC-I	ED (SAGLE	Residential	73	3481	3554	93%	0.0993	2.169	2.2683	81%		0.016615	0.314464	0.331079	69%			0.26876959	0.0856903	31.88%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	68	165	233	6%	0.1144	0.333	0.4474	16%	0.675	0.078251	0.044984	0.123235	26%	0.192826	29%	0.07621201	0.0512767	67.28%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	2	33	35	1%	0.01	0.058	0.068	2%		0.000404	0.027456	0.02786	6%			0.06499956	0.0028527	4.39%	
Sub-total					143	3679	3822	100%	0.2237	2.56	2.7837	100%	0.675	0.09527	0.386904	0.482174	100%	0.192826	29%	0.40998116	0.1398197	34.10%	76%
4	PASIGHAT	APEC-II	ED (LIKABA	Residential	2084	2182	4266	91%	4.864	2.632	7.496	78%		0.408844	0.352102	0.760946	73%			0.33616396	0.227384	67.64%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	323	86	409	9%	1.214	0.3335	1.5475	16%	14.288	0.111356	0.040524	0.15188	15%	13.24387	93%	0.0884066	0.0953339	107.84%	
				Commercial/Industrial-HT	14	4	18	0%	0.336	0.034	0.37	4%		0.076624	0.041997	0.118621	11%			0.05522362	0.028644	51.87%	
				Others	3	7	10	0%	0.074	0.101	0.175	2%		0.002445	0.01024	0.012685	1%			0.00711488	0.0053907	75.77%	
Sub-total					2424	2279	4703	100%	6.488	3.1005	9.5885	100%	14.288	0.599269	0.444863	1.044132	100%	13.24387	93%	0.48690906	0.3567526	73.27%	95%
5	PASIGHAT	APEC-II	ED (PASIGHA	Residential	4398	11313	15711	90%	2.33564	4.18948	6.52512	79%		0.764784	1.520472	2.285256	58%			1.07142356	0.94947268	88.62%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	548	975	1523	9%	0.80007	0.62691	1.42698	17%	8.478	0.398867	0.349004	0.747871	19%	4.570964	54%	0.54597983	0.31029875	56.83%	
				Commercial/Industrial-HT	9	33	42	0%	0.001	0.03034	0.03134	0%		0.013436	0.054326	0.067762	2%			0.02857352	0.01558899	54.56%	
				Others	22	156	178	1%	0.12782	0.11646	0.24428	3%		0.324297	0.48185	0.806147	21%			0.32197929	0.81486902	253.08%	
Sub-total					4977	12477	17454	100%	3.26453	4.96319	8.22772	100%	8.478	1.501384	2.405652	3.907036	100%	4.570964	54%	1.96795619	2.09022944	106.21%	51%
6	PASIGHAT	APEC-II	ED (RUMGO	Residential	2100	3494	5594	94%	1.18861	2.01747	3.20608	83%		0.109833	0.5288171	0.63865014	76%			0.28780825	0.1478844	51.38%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	45	299	344	6%	0.08296	0.45246	0.53542	14%	1.315	0.019713	0.1408772	0.1605906	19%	0.477701	36%	0.10041326	0.0484859	48.29%	
				Commercial/Industrial-HT	0	9	9	0%	0	0.02	0.02	1%		0	0	0	0%			0	0	0.00%	
				Others	9	10	19	0%	0	0.09	0.09	2%		0.003138	0.03492063	0.03805863	5%			0.0161964	0.00732666	45.24%	
Sub-total					2154	3812	5966	100%	1.27157	2.57993	3.8515	100%	1.315	0.132684	0.70461493	0.83729937	100%	0.477701	36%	0.40441791	0.20369696	50.37%	68%
7	PASIGHAT	APEC-II	D (YINGKIO	Residential	922	6750	7672	90%	1.449	6.61	8.059	81%		0.16922	0.630375	0.799595	75%			0.34096616	0.2608326	76.50%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	373	488	861	10%	0.473	0.823	1.296	13%	1.723	0.134722	0.052901	0.187623	18%	0.661508	38%	0.1106039	0.0504951	45.65%	
				Commercial/Industrial-HT	9	1	10	0%	0.082	0.01	0.092	1%		0.016293	0.00156	0.017853	2%			0.00771698	0.0037945	49.17%	
				Others	0	21	21	0%	0.004	0.525	0.529	5%		0	0.05642146	0.05642146	5%			0.02429426	0.0129264	53.21%	
Sub-total					1304	7260	8564	100%	2.008	7.968	9.976	100%	1.723	0.320235	0.74125746	1.06149246	100%	0.661508	38%	0.4835813	0.3280486	67.84%	58%
8	MIAO	APEC-III	ED (DEOMA	Residential	1537	9285	10822	92%	0.436	4.017	4.453	66%		0.240972	1.967343	2.208315	75%			1.71806023	0.3693258	21.50%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	5	904	909	8%	0.015	2.029	2.044	30%	3.413	0.017496	0.573996	0.591492	20%	0.476554	14%	0.3833215	0.0910105	23.74%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	13	24	37	0%	0.056	0.166	0.222	3%		0.01326	0.123379	0.136639	5%			0.10511115	0.0392837	37.37%	
Sub-total					1555	10213	11768	100%	0.507	6.212	6.719	100%	3.413	0.271728	2.664718	2.936446	100%	0.476554	14%	2.20649288	0.49962	22.64%	81%
9	MIAO	APEC-III	LONGDING	Residential	40	9420	9460	94%	0.04425	2.74825	2.7925	96%		0.011959	1.37623842	1.38819742	81%			0.68618845	0.1673043	24.38%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	89	503	592	6%	0.072	0.032	0.104	4%	3.495	0.078942	0.201331	0.280273	16%	1.7786	51%	0.15169805	0.08769626	57.81%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	9	11	20	0%	0.009	0.0015	0.0105	0%		0.033296	0.01463342	0.04792942	3%			0.02982919	0.1000981	335.57%	
Sub-total					138	9934	10072	100%	0.12525	2.78175	2.907	100%	3.495	0.124197	1.59220284	1.71639984	100%	1.7786	51%	0.86771569	0.35509867	40.92%	80%
10	MIAO	APEC-III	MED (MIAO	Residential	12425	6694	19119	90%	8.636	8.979	17.615	75%		1.166841	1.306443	2.473284	53%			1.3537175	0.6943405	51.29%	
				Agricultural	0	7	7	0%	0	0.019	0.019	0%		0	0.011145	0.011145	0%			0.00460415	0.0015946	34.63%	
				Commercial/Industrial-LT	1443	474	1917	9%	1.659	0.855	2.514	11%	8.139	0.657415	0.290249	0.947664	20%	3.46818	43%	0.5554537	0.230484	41.49%	
				Commercial/Industrial-HT	11	0	11	0%	0.2	0	0.2	1%		0.063148	0	0.063148	1%			0.02701054	0.0206891	76.60%	
				Others	65	117	182	1%	2.326	0.821	3.147	13%		0.657203	0.518376	1.175579	25%			0.53845592	0.3707621	68.86%	
Sub-total					13944	7292	21236	100%	12.821	10.674	23.495	100%	8.139	2.544607	2.126213	4.67082	100%	3.46818	43%	2.47924181	1.3178703	53.16%	69%
11	MIAO	APEC-III	ED (YATDA	Residential	386	4976	5362	91%	0.00989	0.20715	0.21704	71%		0.02594	0.614443	0.640383	69%			0.28555468	0.1757578	61.55%	
				Agricultural	0	5	5	0%	0	0.00125	0.00125	0%		0	0.00375	0.00375	0%			0.00105395	0	0.00%	
				Commercial/Industrial-LT	70	370	440	8%	0.00338	0.02517	0.02855	9%	1.752	0.009189	0.088334	0.097523	10%	0.822052	47%	0.0500041	0.0547962	109.58%	
				Commercial/Industrial-HT	0	3	3	0%	0	0.0025	0.0025	1%		0	0.0075	0.0075	1%			0.0032078	0.002	62.35%	
				Others	0	52	52	1%	0	0.05773	0.05773	19%		0	0.180792	0.180792	19%			0.0717564	0.0199793	27.84%	
Sub-total					456	5406	5862	100%	0.01327	0.2938	0.30707	100%	1.752	0.035129	0.894819	0.929948	100%	0.822052	47%	0.41157693	0.2525333	61.36%	67%
12	DIRANG	APEC-IV	ED (BOMDIL	Residential	3345	5953	9298	81%	4.891	6.027	10.918	62%		1.510106	1.107764	2.61787	39%			1.48262843	1.1386286	76.80%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	1269	825	2094	18%	2.191	1.038	3.229	18%	10.151	1.187264	0.21485	1.402114	21%	3.432603	34%	0.88573943	0.6169093	69.65%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	33	18	51	0%	3.231	0.103	3.334	19%		2.618104	0.080309	2.698413	40%			0.98237528	0.8187531	83.34%	
Sub-total					4647	6796	11443	100%	10.313	7.168	17.481	100%	10.151	5.315474	1.402923	6.718397	100%	3.432603	34%	3.35074314	2.574291	76.83%	49%
13	DIRANG	APEC-IV	ED (TAWAN	Residential	4152	5732	9884	91%	5.027	3.289	8.316	68%		1.309112	0.868535	2.177647	46%			0.8782604	0.73169509	83.31%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	525	344	869	8%	1.724	0.935	2.659	22%	8.414	0.922677	0.204508	1.127185	24%	3.721583	44%	0.6357297	0.4409248	69.36%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	

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				Others	33	67	100	1%	0.445	0.765	1.21	10%		0.473919	0.913666	1.387585	30%			0.53658267	0.5374994	100.17%	
Sub-total					4710	6143	10853	100%	7.196	4.989	12.185	100%	8.414	2.705708	1.986709	4.692417	100%	3.721583	44%	2.05057277	1.71011929	83.40%	53%
				Residential	808	8082	8890	91%	0.2805	6.64225	6.92275	87%		0.192266	1.693652	1.885918	78%			0.93173948	0.4884972	52.43%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
14	ZIRO	APEC-V	ED (DAPORI	Commercial/Industrial-LT	54	743	797	8%	0.054	0.743	0.797	10%	5.64	0.117186	0.284352	0.401538	17%	3.234316	57%	0.221689	0.1008829	45.51%	
				Commercial/Industrial-HT	8	28	36	0%	0.064	0.095	0.159	2%		0.025282	0.084612	0.109894	5%			0.04709878	0.0026666	5.66%	
				Others	0	62	62	1%	0	0.078	0.078	1%		0	0.008334	0.008334	0%			0.00546144	0	0.00%	
Sub-total					870	8915	9785	100%	0.3985	7.55825	7.95675	100%	5.64	0.334734	2.07095	2.405684	100%	3.234316	57%	1.2059887	0.5920467	49.09%	79%
				Residential	78	4426	4504	95%	0.0702	4.2491	4.3193	81%		0.021522	1.503024	1.524546	84%			1.01996702	0.0757365	7.43%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
15	ZIRO	APEC-V	ED(SANGRA	Commercial/Industrial-LT	0	219	219	5%	0	0.85	0.85	16%	2.616	0	0.218498	0.218498	12%	0.807145	31%	0.1758085	0.0186726	10.62%	
				Commercial/Industrial-HT	9	3	12	0%	0.09	0.035	0.125	2%		0.032888	0.009707	0.042595	2%			0.02820711	0.0138467	49.09%	
				Others	0	27	27	1%	0	0.036	0.036	1%		0	0.023216	0.023216	1%			0.01393984	0	0.00%	
Sub-total					87	4675	4762	100%	0.1602	5.1701	5.3303	100%	2.616	0.05441	1.754445	1.808855	100%	0.807145	31%	1.23792245	0.1082558	8.74%	94%
				Residential	2377	680	3057	92%	0.2439	0.1461	0.39	76%		0.17815	0.06586245	0.24401245	80%			0.100884	0.0520569	51.60%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
16	ZIRO	APEC-V	PaED (PANIA	Commercial/Industrial-LT	267	1	268	8%	0.096	0.024	0.12	24%	0.747	0.06	0.000455	0.060455	20%	0.442533	59%	0.03334	0.0278767	83.61%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
Sub-total					2644	681	3325	100%	0.3399	0.1701	0.51	100%	0.747	0.23815	0.06631745	0.30446745	100%	0.442533	59%	0.134224	0.0799336	59.55%	76%
				Residential	40	2602	2642	95%	0.08255	1.87965	1.9622	90%		0.014988	0.33824	0.353228	51%			0.29266466	0.0521762	17.83%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
17	ZIRO	APEC-V	RaED (RAGA	Commercial/Industrial-LT	7	114	121	4%	0.0124	0.0908	0.1032	5%	1.232	0.00415	0.055731	0.059881	9%	0.535849	43%	0.0402056	0.013147	32.70%	
				Commercial/Industrial-HT	22	8	30	1%	0.1024	0.018	0.1204	6%		0.240028	0.031014	0.271042	39%			0.12803054	0.0544852	42.56%	
				Others	0	1	1	0%	0	0	0	0%		0	0.012	0.012	2%			0.00462	0	0.00%	
Sub-total					69	2725	2794	100%	0.19735	1.98845	2.1858	100%	1.232	0.259166	0.436985	0.696151	100%	0.535849	43%	0.4655208	0.1198084	25.74%	85%
				Residential	3251	4410	7661	87%	6.42496	2.61735	9.04231	76%		0.979546	0.975655	1.955201	72%			0.85038544	0.6875137	80.85%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
18	ZIRO	APEC-V	ZED (ZIRO)	Commercial/Industrial-LT	708	274	982	11%	1.35753	0.22989	1.58742	13%	7.934	0.280632	0.113795	0.394427	15%	5.215567	66%	0.28329356	0.2077443	73.33%	
				Commercial/Industrial-HT	16	1	17	0%	0.459	0	0.459	4%		0.093163	0	0.093163	3%			0.04650995	0.0378747	81.43%	
				Others	50	87	137	2%	0.30918	0.45455	0.76373	6%		0.035536	0.240106	0.275642	10%			0.21352895	0.0270249	12.66%	
Sub-total					4025	4772	8797	100%	8.55067	3.30179	11.85246	100%	7.934	1.388877	1.329556	2.718433	100%	5.215567	66%	1.3937179	0.9601576	68.89%	76%
				Residential	8515	2504	11019	84%	47.97539	6.97368	54.94907	92%		1.662562	0.991569	2.654131	65%			1.23013646	1.27758166	103.86%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
19	AALO	APEC-VI	AED (AALO	Commercial/Industrial-LT	1689	326	2015	15%	3.70424	0.48449	4.18873	7%	5.869	0.480103	0.242075	0.722178	18%	1.802175	31%	0.4191155	0.26133261	62.35%	
				Commercial/Industrial-HT	11	7	18	0%	0.2529	0.02501	0.27791	0%		0.041071	0.025662	0.066733	2%			0.03357469	0.0193427	57.61%	
				Others	9	17	26	0%	0.23187	0.3372	0.56907	1%		0.384265	0.239518	0.623783	15%			0.24589286	0.1708526	69.48%	
Sub-total					10224	2854	13078	100%	52.1644	7.82038	59.98478	100%	5.869	2.568001	1.498824	4.066825	100%	1.802175	31%	1.92871951	1.72910957	89.65%	38%
				Residential	2722	2031	4753	84%	68.093	10.51674	78.60974	5%		0.472096	0.269184	0.74128	68%			0.29021823	0.2978747	102.64%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
20	AALO	APEC-VI	sED (BASAR	Commercial/Industrial-LT	757	119	876	16%	848.8501	2.40571	851.25581	55%	1.56	0.19848	0.082856	0.281336	26%	0.470768	30%	0.1429679	0.1070898	74.90%	
				Commercial/Industrial-HT	4	2	6	0%	0.08	0	0.08	0%		0.016927	0.00342	0.020347	2%			0.00909534	0	0.00%	
				Others	4	9	13	0%	618.543	11.0015	629.5445	40%		0.028428	0.017841	0.046269	4%			0.02106497	0.01687	80.09%	
Sub-total					3487	2161	5648	100%	1535.5661	23.92395	1559.49005	100%	1.56	0.715931	0.373801	1.089232	100%	0.470768	30%	0.46334644	0.4218345	91.04%	36%
				Residential	1030	251	1281	83%	40.478	18.445	58.923	68%		0.109049	0.046307	0.155356	81%			0.0533755	0.0600661	112.53%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
21	AALO	APEC-VI	ED (MECHU	Commercial/Industrial-LT	241	15	256	17%	26.731	0.634	27.365	32%	0.389	0.035345	0.002205	0.03755	19%	0.196094	50%	0.018775	0.0140357	74.76%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	4	4	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
Sub-total					1271	270	1541	100%	67.209	19.079	86.288	100%	0.389	0.144394	0.048512	0.192906	100%	0.196094	50%	0.0721505	0.0741018	102.70%	49%
				Residential	3	1738	1741	89%	0.07465	1.10041	1.17506	93%		0.033436	0.250533	0.283969	90%			0.11189692	0.2196221	196.27%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
22	TEZU	APEC-VII	AnED (ANIN	Commercial/Industrial-LT	0	207	207	11%	0	0.0783	0.0783	6%	0.585	0	0.028555	0.028555	9%	0.27011	46%	0.0145787	0.0138437	94.96%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	1	1	0%	0	0.0052	0.0052	0%		0	0.002366	0.002366	1%			0.00120666	0	0.00%	
Sub-total					3	1946	1949	100%	0.07465	1.18391	1.25856	100%	0.585	0.033436	0.281454	0.31489	100%	0.27011	46%	0.12768228	0.2334658	182.85%	2%
				Residential	1291	1983	3274	84%	0.466	2.153	2.619	65%		0.035088	0.279614	0.314702	48%			0.18345079	0.0849221	46.29%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
23	TEZU	APEC-VII	D (HAYULIA	Commercial/Industrial-LT	112	487	599	15%	0.197	0.799	0.996	25%	1.035	0.065704	0.096425	0.162129	25%	0.374325	36%	0.0936281	0.0595142	63.56%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	22	14	36	1%	0.305	0.082	0.387	10%		0.176821	0.007023	0.183844	28%			0.10815908	0.0708337	65.49%	
Sub-total					1425	2484	3909	100%	0.968	3.034	4.002	100%	1.035	0.277613	0.383062	0.660675	100%	0.374325	36%	0.38523797	0.21527	55.88%	64%
				Residential	13909	6134	20043	94%	16.139	6.428	22.567	60%		2.510311	0.994943	3.505254	52%			1.49776524	0.6108146	40.78%	
				Agricultural	0	1	1	0%	0	0.005	0.005	0%		0	0.000111	0.000111	0%			0.00003441	0	0.00%	
24	TEZU	APEC-VII	sED (NAMS	Commercial/Industrial-LT	1060	189	1249	6%	3.463	2.195	5.658	15%	11.661	0.710854	0.18115	0.892004	13%	4.932905	42%	0.5247521	0.4108899	78.30%	
				Commercial/Industrial-HT	11	0	11	0%	0.12	0	0.12	0%		0.03403	0	0.03403	1%			0.0142926	0.0427474	299.09%	
				Others	99	31	130	1%	6.922	2.37	9.292	25%		2.251149	0.045547	2.296696	34%			0.96112569	0.8227286	85.60%	
Sub-total					15079	6355	21434	100%	26.644	10.998	37.642	100%	11.661	5.506344	1.221751	6.728095	100%	4.932905	42%	2.99797004	1.8871805	62.95%	64%
				Residential	6667	3854	10521	89%	0	0	0	#DIV/0!		0.935128	0.44384623	1.37897429	64%			0.5813667	0.3125397	53.76%	
				Agricultural	0	0	0	0%	0	0	0	#DIV/0!		0	0	0	0%			0	0	0.00%	
25	TEZU	APEC-VII	RED (ROING	Commercial/Industrial-LT	1042	236	1278	11%	0	0	0	#DIV/0!	4.635	0.221135	0.082947	0.304082	14%	2.477502	53%	0.160845	0.1137884	70.74%	
				Commercial/Industrial-HT	24	18	42	0%	0	0	0	#DIV/0!		0.116413	0.064155	0.1805681	8%			0.0821886	0.1043642	126.98%	
				Others	14	28	42	0%	0	0	0	#DIV/0!		0.220433	0.07344131	0.2938739	14%			0.1285873	0.1426192	110.91%	
Sub-total					7747	4136	11883	100%	0	0	0	100%	4.635	1.493109	0.66438954	2.15749829	100%	2.477502	53%	0.9529876	0.6733115	70.65%	67%
				Residential	6241	3652	9893	89%	7.438	4.652	12.09	78%		0.833831	0.48878	1.322611	58%			0.65993196	0.49320565	74.74%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
26	TEZU	APEC-VII	TzED (TEZU	Commercial/Industrial-LT	760	362	1122	10%	1.867	0.668	2.535	16%	4.802	0.55249	0.052098	0.604588	27%	2.5397	53%	0.3341548	0.22372932	66.95%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	46	54	100	1%	0.498	0.405	0.903	6%		0.315849	0.019252	0.335101	15%			0.15849222	0.06588114	41.57%	
Sub-total					7047	4068	11115	100%	9.803	5.725	15.528	100%	4.802	1.70217	0.56013	2.2623	100%	2.5397	53%	1.15257898	0.78281611	67.92%	68%
				Residential	7126	2074	9200	86%	7.544	2.209	9.753	19%		1.286609	0.534461	1.82107	6%			0.79038946	0.6067412	76.76%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
27	SUBU	APEC-VIII	RpED (RUPA	Commercial/Industrial-LT	1101	310	1411	13%	1.904	0.343	2.247	4%	35.635	0.941789	0.330739	1.272528	4%	4.181381	12%	0.670022	0.3566958	53.24%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	35	23	58	1%	38.2195	0.0575	38.277	76%		28.35487	0.005151	28.36002132	90%			9.51700954	9.5679722	100.54%	

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Sub-total					8262	2407	10669	100%	47.6675	2.6095	50.277	100%	35.635	30.58327	0.870351	31.45361932	100%	4.181381	12%	10.977421	10.5314092	95.94%	15%
28	SUBU	APEC-VIII	SEPPA	Residential	272	6578	6850	89%	0.263	16.598	16.861	90%		0.016257	1.114162	1.130419	76%			0.4660328	0.4009287	86.03%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	105	560	665	9%	0.096	1.363	1.459	8%	2.713	0.051704	0.13402	0.185724	12%	1.22216	45%	0.1006978	0.1297152	128.82%	
				Commercial/Industrial-HT	37	3	40	1%	0.185	0.015	0.2	1%		0.074329	0.063216	0.137545	9%			0.0633942	0.0304555	48.04%	
				Others	0	179	179	2%	0	0.142	0.142	1%		0	0.037152	0.037152	2%			0.02238442	0.0744708	332.69%	
Sub-total					414	7320	7734	100%	0.544	18.118	18.662	100%	2.713	0.14229	1.34855	1.49084	100%	1.22216	45%	0.65250922	0.6355702	97.40%	46%
29	SUBU	APEC-VIII	(PAKKE KES	Residential	0	1257	1257	95%	0	35.424	35.424	90%		0	0.394156	0.394156	91%			0.1576624	0.1175013	74.53%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	0	52	52	4%	0	3.458	3.458	9%	0.804	0	0.013151	0.013151	3%	0.371833	46%	0.0065755	0.0045198	68.74%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	14	14	1%	0	0.51	0.51	1%		0	0.02485993	0.02485993	6%			0.00955441	0	0.00%	
Sub-total					0	1323	1323	100%	0	39.392	39.392	100%	0.804	0	0.43216693	0.43216693	100%	0.371833	46%	0.17379231	0.1220211	70.21%	62%
30	ZIRO	APEC-V	YzED (YAZAL	Residential	792	2596	3388	92%	1.0861	3.10073	4.18683	83%		0.2196	0.426816	0.646416	76%			0.22033959	0.1060688	48.14%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	147	120	267	7%	0.44985	0.23956	0.68941	14%	1.772	0.149196	0.031858	0.181054	21%	0.924879	52%	0.0925495	0.0367254	39.68%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	14	20	34	1%	0.11313	0.06775	0.18088	4%		0.013741	0.00591	0.019651	2%			0.00905541	0.0025655	28.33%	
Sub-total					953	2736	3689	100%	1.64908	3.40804	5.05712	100%	1.772	0.382537	0.464584	0.847121	100%	0.924879	52%	0.3219445	0.1453597	45.15%	78%
31	AHARLAGU	APEC-I	YuED (YUPIA	Residential	2634	6666	9300	84%	10.45537	13.668	24.12337	45%		1.070161	2.05379	3.123951	19%			1.72594625	0.5910972	34.25%	
				Agricultural	2	5	7	0%	0.04	0.088	0.128	0%		0.0021	0.00063	0.00273	0%			0.00098321	0.001865	189.68%	
				Commercial/Industrial-LT	780	829	1609	15%	2.9851	2.0606	5.0457	9%	26.109	0.501207	0.821943	1.32315	8%	9.867785	38%	0.68788235	0.3495211	50.81%	
				Commercial/Industrial-HT	11	6	17	0%	0.451	0.148	0.599	1%		0.220886	0.651434	0.87232	5%			0.3762272	0.1321407	35.12%	
				Others	35	80	115	1%	21.6693	1.9482	23.6175	44%		8.591268	2.327796	10.919064	67%			4.08789279	4.0924533	100.11%	
Sub-total					3462	7586	11048	100%	35.60077	17.9128	53.51357	100%	26.109	10.38562	5.855593	16.241215	100%	9.867785	38%	6.6789318	5.1670773	75.11%	53%
32				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
33				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
34				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
35				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
36				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
37				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
38				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
39				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
40				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
41				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%

Energy Manager
Department of Power
Arunachal Pradesh

70			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
71			Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
72			Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
73			Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
74			Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
75			Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
76	Total		Residential	117332	144341	261673	88%	286.03243	197.0919	483.12433	22%		30.32138	30.0734102	60.3947933	37%			30.9023516	18.9831105	61.43%	
			Agricultural	2	18	20	0%	0.04	0.11325	0.15325	0%		0.0021	0.015636	0.017736	0%			0.00667572	0.0034596	51.82%	
			Commercial/Industrial-LT	21555	11534	33089	11%	912.67057	26.22835	938.89892	43%	254.745	13.35557	5.8902522	19.2458176	12%	92.171	36%	11.48588	7.29384579	63.50%	
			Commercial/Industrial-HT	267	146	413	0%	6.94912	1.86057	8.80969	0%		3.127158	1.249325	4.3764831	3%			2.24818216	1.20939039	53.79%	
			Others	742	1309	2051	1%	725.1309	27.00469	752.13559	34%		72.81421	5.72496075	78.53916666	48%			28.3049587	26.5489294	93.80%	
77	At company level			139898	157348	297246	100%	1930.823	252.29876	2183.12178	100%	254.745	119.6204	42.95358415	162.5739967	100%	92.171	36%	72.9480482	54.0387356	74.08%	53%

** 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

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

Name of Authorised Signatory:

Name of the DISCOM:
Full Address:-

Seal

Signature:-
Name of Energy Manager:
Registration Number:

Energy Manager
Department of Power
Arunachal Pradesh

Form-Input energy(Details of input energy & Infrastructure)

A. Summary of energy input & Infrastructure

S.No	Parameters	Period From 01-04-2023 to 30-06-2023	Remarks (Source of data)
A.1	Input Energy purchased (MU)	339.67252	
A.2	Transmission loss (%)	2%	
A.3	Transmission loss (MU)	7.941651533	
A.4	Energy sold outside the periphery(MU)	88.0116	
A.5	Open access sale (MU)	0	
A.6	EHT sale	0	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	243.72	
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	8%	
A.11	% of metering available at consumer end	47%	
A.12	No of feeders at 66kV voltage level	0	
A.13	No of feeders at 33kV voltage level	89	
A.14	No of feeders at 11kV voltage level	497	
A.15	No of LT feeders level	5848	
A.16	Line length (ckt. km) at 66kV voltage level		
A.17	Line length (ckt. km) at 33kV voltage level		
A.18	Line length (ckt. km) at 11kV voltage level		
A.19	Line length (km) at LT level		
A.20	Length of Aerial Bunched Cables		
A.21	Length of Underground Cables		
A.22	HT/LT ratio		

B. Meter reading of input energy at injection points

S.No	Zone	Circle	Voltge Level (KVA)	Division (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/ unmetered/ AMI/AMR)	Status of Meter (Functional/Non-functional)	Metering Date	Feeder Type (Agri/ Industrial/Mixed)	Status of Communication			Period from...to...				Rules	Remarks (Source of data)
										Date of last actual meter reading/ communication		% data received through automatically if feeder AMR/AMI	Number of hours when meter was unable to communicate in period	Total Number of hours in the period	Meter S.No	CT/PT ratio	Import (MU)	Export (MU)		
B.1																	331.73	88.01		
B.2																				
B.3																				
B.4																				
B.5																				
B.6																				
B.7																				
B.8																				
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B.1398																						
B.1399																						
B.1400																						
B.1001	Total (MU)																		331.73	88.01		
B.1002	Net input energy at DISCOM periphery (MU)																				243.72	

Color code			Parameter
			Please enter voltage level or leave blank
			Please enter feeder id and name or leave blank
			Enter meter no or leave blank
			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.

Authorised Signatory and Seal

Name of Authorised Signatory
Name of the DISCOM:
Full Address:-

Seal

Signature:-
Name of Energy Manager*:
Registration Number:

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Department of Power
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Details of Input Energy Sources

Period From 1st April 2023 To 30th June 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)
	KOPILI-I (NEEPCO)	200	Hydro	Yearly	Inter-State		132	
	KOPILI-II (NEEPCO)	25	Hydro	Yearly	Inter-State		132	
	KHANDONG (NEEPCO)	50	Hydro	Yearly	Inter-State		132	
	RHEP (NEEPCO)	405	Hydro	Yearly	Inter-State		132	
	DOYANG (NEEPCO)	75	Hydro	Yearly	Inter-State		132	
	LOKTAK (NHPC)	105	Hydro	Yearly	Inter-State		132	
	PARE (NEEPCO)	110	Hydro	Yearly	Inter-State		132	
	AGBPP (NEEPCO)	291	Gas	Yearly	Inter-State		132	
	AGTCCPP (NEEPCO)	135	Gas	Yearly	Inter-State		132	
	ONGC TPCL (Palatana)	726	Coal	Yearly	Inter-State		132	
	BgTPP (NTPC)	750	Coal	Yearly	Inter-State		132	
	KAMENG (NEEPCO)	600	Hydro	Yearly	Inter-State		132	
	FARAKKA (NTPC)	1600	Coal	Yearly	Inter-State		132	
	KAHALGAON (NTPC)	840	Coal	Yearly	Inter-State		132	
	TALCHAR (NTPC)	1000	Coal	Yearly	Inter-State		132	
	DIKSHI HEP	24	Hydro	Yearly	Inter-State		132	
	Sumbachu (HPDCL)	3	Hydro	Yearly	Inter-State		33	
	DHPD	74	Hydro	Yearly	Intra-State		33	

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(Details of Consumers)						
Summary of Energy						
Period From April 2023 To June 2023						
S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)
1	Domestic			261673	60.39	
2	Commercial			33089	19.25	
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					
8	Public Lighting			1210	2.29	
9	HT Water Supply					
10	HT Industrial			110	67.03	
11	Industrial (Small)			254	0.70	
12	Industrial (Medium)					
13	HT Commercial			413	4.38	
14	Applicable to Government Hospitals & Hospitals					
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas					
17	Mixed Load					
18	Government offices and department					
19	Others-1 (if any , specify in remarks)			477	8.52	Bulk Mixed+Temporary
20	Others-2 (if any , specify in remarks)	Agriculture		20	0.02	
21	Others-3 (if any , specify in remarks)					
22	Others-4 (if any , specify in remarks)					
23	Others-5 (if any , specify in remarks)					
24						
39						
40						
			Total	297246	162.57	

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(Details of Feeder-wise losses)

Period From April 2023 To June 2023

Sl No.	Zone	Received at Circle (In MU)	Received at Division (In MU)	Received at Sub-division (In MU)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural)	Type of feeder meter (AMI/AMR/Other)	Received at Feeder (Final in MU)	Feeder Consumption (in MU)	Final Net Export at Feeder Level (In MU)	T&D losses	AT&C losses	% Data Received through Automatically (if feeder AMR/AMI)	Remarks

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General Information					
1	**Name of the DISCOM**	Department of Power, Government of Arunachal Pradesh			
2	**i) Year of Establishment**	1991 (Biifcurcated from AP PWD)			
	ii) Government/Public/Private	Government Department			
3	**DISCOM's Contact details & Address**				
i	City/Town/Village	Itanagar			
ii	District	Papun Pare			
iii	State	Arunachal Pradesh	Pin	791111	
iv	Telephone	8414077247	Fax		
4	**Registered Office**				
i	Company's Chief Executive Name	Er. Duyu Tacho			
ii	Designation	Chief Engineer(Com) cum CEI			
iii	Address	Commercial Zone cum Electrical Inspectorate Department of Power, Vidyut Bhawan			
iv	City/Town/Village	Itanagar	P.O.	Itanagar	
v	District	Papun Pare			
vi	State	Arunachal Pradesh	Pin	791111	
vii	Telephone	8414077247	Fax		
5	**Nodal Officer Details***				
i	Nodal Officer Name (Designated at DISCOM's)	Er. Duyu Tacho			
ii	Designation	Chief Engineer(Com) cum CEI			
iii	Address	Commercial Zone cum Electrical Inspectorate Department of Power, Vidyut Bhawan			
iv	City/Town/Village	Itanagar	P.O.		
v	District	Papun Pare			
vi	State	Arunachal Pradesh	Pin	791111	
vii	Telephone	8414077247	Fax		
6	**Energy Manager Details***				
i	Name	Sri Okom Siram			
ii	Designation	Superintending Engineer	Whether EA or EM	No	
iii	EA/EM Registration No.				
iv	Telephone	8416003234	Fax		
v	Mobile	E-mail ID	cecomita@gmail.com		
7	**Period of Information**				
	Year of (FY) information including Date and Month (Start & End)	1st Jul, 2023 - 30th Sep ,2023			

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Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Jul, 2023 - 30th Sep ,2023	
2	**Technical Details**		
(a)	**Energy Input Details**		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	534.02
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	280.85
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	172.13
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	108.72
		%	0.39
	Collection Efficiency	%	65%
(c)	Aggregate Technical & Commercial Loss	%	60%

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

Signature:-

Name of Energy Manager*:

Registration Number:

Name of Authorised Signatory

Name of the DISCOM:

Full Address:-

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Seal

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	8	y	y	MIS
ii	Number of divisions	31	y	y	MIS
iii	Number of sub-divisions	62	y	y	
iv	Number of feeders	453	y	y	RDSS sanction DPR
v	Number of DTs	7488	y	y	RDSS sanction DPR
vi	Number of consumers	298043	y	y	MIS
2	**Parameters**	**66kV and above**	**33kV**	**11/22kV**	**LT**
a. i.	Number of conventional metered consumers	4	47	522	108059
ii	Number of consumers with 'smart' meters	0	0	0	0
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0
iv	Number of consumers with 'AMR' meters	0	0	0	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	31288
vi	Number of unmetered consumers	0	17	298	157808
vii	**Number of total consumers**	4	64	820	297155
b.i.	Number of conventionally metered Distribution Transformers				
ii	Number of DTs with communicable meters				
iii	Number of unmetered DTs				
iv	**Number of total Transformers**				
c.i.	Number of metered feeders				
ii	Number of feeders with communicable meters				
iii	Number of unmetered feeders				
iv	**Number of total feeders**				
d.	Line length (ct km)				
e.	Length of Aerial Bunched Cables				
f.	Length of Underground Cables				

3	**Voltage level**	**Particulars**	**MU**	**Reference**	**Remarks (Source of data)**
i	66kV and above	Long-Term Conventional		Includes input energy for franchisees	
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE	0	Includes power from bilateral/ PX/ DEEP	
		Captive, open access input	0	Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Sale of surplus power			
		Quantum of inter-state transmission loss		As confirmed by SLDC, RLDC etc	

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		Power procured from inter-state sources	0	Based on data from Form 5	
		Power at state transmission boundary	0		
ii	33kV	Long-Term Conventional	0		
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	0		
		Medium and Short-Term RE	0		
		Captive, open access input	0		
		Sale of surplus power	0.00%		
		Quantum of intra-state transmission loss	0		
		Power procured from intra-state sources	0		
iii		**Input in DISCOM wires network**	0		
iv	33 kV	Renewable Energy Procurement	0		
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input	0		
v	11 kV	Renewable Energy Procurement	0		
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
		Sales Migration Input	0		
vi	LT	Renewable Energy Procurement	0		
		Sales Migration Input	0		
vii		**Energy Embedded within DISCOM wires network**	0		
viii		**Total Energy Available/ Input**	0		
4	**Voltage level**	**Energy Sales Particulars**	**MU**	**Reference**	
i	LT Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation used at LT level	0	Demand from embedded generation at LT level	
		Sale at LT level	0		
		Quantum of LT level losses	0		
		Energy Input at LT level			online MIS
ii	11 kV Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation at 11 kV level used	0	Demand from embedded generation at 11kV level	
		Sales at 11 kV level	0		
		Quantum of Losses at 11 kV	0		
		Energy input at 11 kV level			
iii	33 kV Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation at 33 kV or below level		This is DISCOM and OA demand met via energy generated at same voltage level	
		Sales at 33 kV level	0		

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		Quantum of Losses at 33 kV	0		
		Energy input at 33kV Level			
iv	> 33 kV	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive		Non DISCOM's sales	
		Cross border sale of energy			
		Sale to other DISCOMs			
		Banking			
		Energy input at > 33kV Level			
		Sales at 66kV and above (EHV)	0		
		Total Energy Requirement	**0**		
		Total Energy Sales	**0**		

Energy Accounting Summary

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0			
ii	11 Kv	0			
iii	33 kv	0			
iv	> 33 kv	0			
6	**Open Access, Captive**	**Input (in MU)**	**Sale (in MU)**	**Loss (in MU)**	
i	LT	0	0		
ii	11 Kv	0	0		
iii	33 kv	0	0		
iv	> 33 kv	0	0		

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	#DIV/0!
D loss (%)	#DIV/0!

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

Division Wise Losses

Period From July-2023 To Sept-2023

S.No	Name of circle	Circle code	Name of Division	Consumer profile								Energy parameters					Losses		Commercial Parameter			AT & C loss (%)
													Billed energy (MU)									
				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	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	
1	HAHARLAGU	APEC-I	D (ITANAGA	Residential	16791	7487	24278	82%	36.42588	11.31638	47.74226	46%		9.192497	4.159468	13.351965	62%			7.79607989	3.69656025	47.42%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	4727	468	5195	18%	46.07215	1.49551	47.56766	46%	35.22	3.671448	0.690209	4.361657	20%	13.78451	39%	2.78339621	1.86550291	67.02%	
				Commercial/Industrial-HT	41	4	45	0%	1.8728	1.422	3.2948	3%		2.021629	0.066196	2.087825	10%			1.21626644	0.26964423	22.17%	
				Others	83	26	109	0%	2.22859	2.97292	5.20151	5%		1.53867	0.095374	1.634044	8%			0.98745379	0.18655428	18.89%	
	Sub-total				21642	7985	29627	100%	86.59942	17.20681	103.80623	100%	35.22	16.42424	5.011247	21.435491	100%	13.78451	39%	12.7831963	6.01826166	47.08%	71%
2	HAHARLAGU	APEC-I	(NAHARLA	Residential	11276	6487	17763	81%	14.24205	5.95064	20.19269	34%		5.738621	2.143281	7.881902	19%			3.61872737	2.4248402	67.01%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	3247	519	3766	17%	4.78508	0.60677	5.39185	9%	58.486	2.701024	0.256914	2.957938	7%	17.98848	31%	1.6706798	1.0522668	62.98%	
				Commercial/Industrial-HT	39	13	52	0%	3.02273	0	3.02273	5%		0.885295	0	0.885295	2%			0.4204713	0.3007386	71.52%	
				Others	131	135	266	1%	30.00992	0.13118	30.1411	51%		28.70084	0.071546	28.772386	71%			9.81700625	9.3188631	94.93%	
	Sub-total				14693	7154	21847	100%	52.05978	6.68859	58.74837	100%	58.486	38.02578	2.471741	40.497521	100%	17.98848	31%	15.5268847	13.0967087	84.35%	42%
3	HAHARLAGU	APEC-I	aED (SAGLE	Residential	67	3259	3326	91%	0.0933	2.2325	2.3258	82%		0.016374	0.313599	0.329973	70%			0.27255958	0.0548935	20.14%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	71	218	289	8%	0.127	0.3294	0.4564	16%	0.675	0.076488	0.040128	0.116616	25%	0.204694	30%	0.07231088	0.0481555	66.60%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	1	23	24	1%	0.005	0.036	0.041	1%		0.000586	0.023131	0.023717	5%			0.05856225	0.0010929	1.87%	
	Sub-total				139	3500	3639	100%	0.2253	2.5979	2.8232	100%	0.675	0.093448	0.376858	0.470306	100%	0.204694	30%	0.40343271	0.1041419	25.81%	82%
4	PASIGHAT	APEC-II	ED (LIKABA	Residential	2064	2195	4259	90%	4.8455	2.6208	7.4663	82%		0.563117	0.362578	0.925695	77%			0.41896394	0.3042794	72.63%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	361	89	450	9%	0.779	0.2827	1.0617	12%	3.648	0.113335	0.038041	0.151376	13%	2.444734	67%	0.1011327	0.1069383	105.74%	
				Commercial/Industrial-HT	14	4	18	0%	0.336	0.034	0.37	4%		0.068564	0.043725	0.112289	9%			0.05804508	0.0479525	82.61%	
				Others	3	7	10	0%	0.194	0.064	0.258	3%		0.001762	0.012144	0.013906	1%			0.00909386	0.0065776	72.33%	
	Sub-total				2442	2295	4737	100%	6.1545	3.0015	9.156	100%	3.648	0.746778	0.456488	1.203266	100%	2.444734	67%	0.58723558	0.4657478	79.31%	74%
5	PASIGHAT	APEC-II	ED (PASIGHA	Residential	4404	11233	15637	90%	2.851	5.586	8.437	70%		0.914353	1.494706	2.409059	57%			1.12266493	0.6968039	62.07%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	563	966	1529	9%	0.977	0.773	1.75	15%	11.198	0.593248	0.304418	0.897666	21%	6.953716	62%	0.5137288	0.3853039	75.00%	
				Commercial/Industrial-HT	8	19	27	0%	0.146	0.365	0.511	4%		0.01884	0.044583	0.063423	1%			0.02790146	0.0163346	58.54%	
				Others	25	174	199	1%	0.176	1.182	1.358	11%		0.426012	0.448124	0.874136	21%			0.34513694	0.1849771	53.60%	
	Sub-total				5000	12392	17392	100%	4.15	7.906	12.056	100%	11.198	1.952453	2.291831	4.244284	100%	6.953716	62%	2.00943213	1.2834195	63.87%	76%
6	PASIGHAT	APEC-II	ED (RUMGO	Residential	2100	3496	5596	94%	1.18861	2.01747	3.20608	83%		0.097076	0.52480863	0.62188459	70%			0.26259302	0.1350583	51.43%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	45	299	344	6%	0.08296	0.45246	0.53542	14%	1.371	0.031349	0.180573	0.2119224	24%	0.48449	35%	0.12591003	0.0392716	31.19%	
				Commercial/Industrial-HT	0	9	9	0%	0	0.02	0.02	1%		0	0.013226	0.013226	1%			0.0062711	0	0.00%	
				Others	9	10	19	0%	0	0.09	0.09	2%		0	0.03947722	0.03947722	4%			0.01514411	0.0059845	39.52%	
	Sub-total				2154	3814	5968	100%	1.27157	2.57993	3.8515	100%	1.371	0.128425	0.75808485	0.88651021	100%	0.48449	35%	0.40991826	0.1803144	43.99%	72%
7	PASIGHAT	APEC-II	D (YINGKIO	Residential	943	6750	7693	90%	1.467	5.766	7.233	79%		0.196303	0.608394	0.804697	75%			0.34599836	0.2338226	67.58%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	372	492	864	10%	0.453	0.805	1.258	14%	2.217	0.147236	0.050019	0.197255	18%	1.144547	52%	0.115442	0.0601443	52.10%	
				Commercial/Industrial-HT	9	1	10	0%	0.082	0.01	0.092	1%		0.015609	0.00156	0.017169	2%			0.00734808	0.0026596	36.19%	
				Others	0	21	21	0%	0.004	0.525	0.529	6%		0	0.05333224	0.05333224	5%			0.02304637	0.0095615	41.49%	
	Sub-total				1324	7264	8588	100%	2.006	7.106	9.112	100%	2.217	0.359148	0.71330524	1.07245324	100%	1.144547	52%	0.4918348	0.306188	62.25%	70%
8	MIAO	APEC-III	ED (DEOMA	Residential	1537	9673	11210	92%	1.472	4.013	5.485	66%		0.24662	2.057836	2.304456	71%			1.7914388	0.3003881	16.77%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	5	869	874	7%	0.015	2.607	2.622	31%	4.345	0.031677	0.738531	0.770208	24%	1.097347	25%	0.4884165	0.06666	13.65%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	13	24	37	0%	0.056	0.19	0.246	3%		0.0654	0.107589	0.172989	5%			0.12397593	0.04511	36.39%	
	Sub-total				1555	10566	12121	100%	1.543	6.81	8.353	100%	4.345	0.343697	2.903956	3.247653	100%	1.097347	25%	2.40383123	0.4121581	17.15%	87%
9	MIAO	APEC-III	LONGDING	Residential	43	9629	9672	94%	0.043	6.1905	6.2335	87%		0.015206	1.40944753	1.42465353	82%			0.81593856	0.0977868	11.98%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	87	518	605	6%	0.142	0.749	0.891	12%	3.648	0.11768	0.1699403	0.2876205	17%	1.910967	52%	0.15902429	0.0611959	38.48%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	9	11	20	0%	0.009	0.0165	0.0255	0%		0.01036	0.01439942	0.02475942	1%			0.01121534	0.0063852	56.93%	
	Sub-total				139	10158	10297	100%	0.194	6.956	7.15	100%	3.648	0.143246	1.59378725	1.73703345	100%	1.910967	52%	0.9861782	0.1653679	16.77%	92%
10	MIAO	APEC-III	MED (MIAO	Residential	12399	6705	19104	90%	8.697	9.029	17.726	75%		1.536126	1.319847	2.855973	53%			1.64167781	0.721332	43.94%	
				Agricultural	0	7	7	0%	0	0.019	0.019	0%		0	0.007782	0.007782	0%			0.00364342	0.0008493	23.31%	
				Commercial/Industrial-LT	1524	438	1962	9%	1.778	0.761	2.539	11%	10.752	0.639149	0.28737	0.926519	17%	5.362665	50%	0.5906182	0.4182182	70.81%	
				Commercial/Industrial-HT	9	1	10	0%	0.18	0	0.18	1%		0.079808	0	0.079808	1%			0.03415014	0.0301578	88.31%	
				Others	83	106	189	1%	2.342	0.819	3.161	13%		0.999069	0.520184	1.519253	28%			0.67741859	0.3381172	49.91%	
	Sub-total				14015	7257	21272	100%	12.997	10.628	23.625	100%	10.752	3.254152	2.135183	5.389335	100%	5.362665	50%	2.94750815	1.5086745	51.18%	74%
11	MIAO	APEC-III	ED (YATDA	Residential	386	4985	5371	91%	0.01211	0.18975	0.20186	69%		0.034684	0.591006	0.62569	70%			0.30304607	0.1451606	47.90%	
				Agricultural	0	5	5	0%	0	0.00125	0.00125	0%		0	0.00375	0.00375	0%			0.00105495	0	0.00%	
				Commercial/Industrial-LT	70	372	442	8%	0.00333	0.02538	0.02871	10%	2.277	0.011962	0.075203	0.087165	10%	1.380181	61%	0.0455293	0.0321461	70.61%	
				Commercial/Industrial-HT	0	3	3	0%	0	0.002	0.002	1%		0	0.0065	0.0065	1%			0.0027754	0.0018	64.86%	
				Others	0	52	52	1%	0	0.05781	0.05781	20%		0	0.173714	0.173714	19%			0.06882008	0.0337244	49.00%	
	Sub-total				456	5417	5873	100%	0.01544	0.27619	0.29163	100%	2.277	0.046646	0.850173	0.896819	100%	1.380181	61%	0.4212258	0.2128311	50.53%	80%
12	DIRANG	APEC-IV	ED (BOMDIL	Residential	3275	6044	9319	81%	4.821	6.117	10.938	62%		1.309978	1.082915	2.392893	43%			1.27562395	0.9080981	71.19%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	1276	829	2105	18%	2.184	1.077	3.261	19%	10.87	0.811153	0.218159	1.029312	18%	5.303901	49%	0.67951494	0.48245149	71.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	33	18	51	0%	3.231	0.103	3.334	19%		2.071278	0.072616	2.143894	39%			0.79693987	0.6055913	75.99%	
	Sub-total				4584	6891	11475	100%	10.236	7.297	17.533	100%	10.87	4.192409	1.37369	5.566099	100%	5.303901	49%	2.75207876	1.99614088	72.53%	63%
13	DIRANG	APEC-IV	ED (TAWAN	Residential	4154	5750	9904	91%	5.09	3.5888	8.6788	70%		1.1121	0.866383	1.978483	46%			0.79070157	0.6396808	80.90%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	522	353	875	8%	1.658	0.814	2.472	20%	8.386	0.733412	0.203042	0.936454	22%	4.059755	48%	0.5533215	0.3747006	67.72%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	

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				Others	39	77	116	1%	0.504	0.812	1.316	11%		0.45972	0.951588	1.411308	33%			0.54638852	0.5113029	93.58%	
Sub-total					4715	6180	10895	100%	7.252	5.2148	12.4668	100%	8.386	2.305232	2.021013	4.326245	100%	4.059755	48%	1.89041159	1.5256843	80.71%	58%
				Residential	838	8147	8985	91%	0.3085	6.795	7.1035	87%		0.157852	1.694243	1.852095	79%			0.91756143	0.42544695	46.37%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
14	ZIRO	APEC-V	ED (DAPORI	Commercial/Industrial-LT	67	729	796	8%	0.067	0.729	0.796	10%	5.61	0.052572	0.292227	0.344799	15%	3.265053	58%	0.1955341	0.109633	56.07%	
				Commercial/Industrial-HT	13	48	61	1%	0.068	0.136	0.204	3%		0.036882	0.101449	0.138331	6%			0.06424474	0.00801306	12.47%	
				Others	0	3	3	0%	0	0.022	0.022	0%		0	0.009722	0.009722	0%			0.00631275	0	0.00%	
Sub-total					918	8927	9845	100%	0.4435	7.682	8.1255	100%	5.61	0.247306	2.097641	2.344947	100%	3.265053	58%	1.18365301	0.54309301	45.88%	81%
				Residential	76	4424	4500	95%	0.0684	4.2743	4.3427	81%		0.016795	1.487783	1.504578	85%			1.06936843	0.0802784	7.51%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
15	ZIRO	APEC-V	ED(SANGRA	Commercial/Industrial-LT	0	219	219	5%	0	0.85	0.85	16%	2.603	0	0.200971	0.200971	11%	0.834456	32%	0.17625252	0.0164677	9.34%	
				Commercial/Industrial-HT	9	3	12	0%	0.09	0.035	0.125	2%		0.033897	0.006902	0.040799	2%			0.02807313	0.0143271	51.03%	
				Others	0	27	27	1%	0	0.036	0.036	1%		0	0.022196	0.022196	1%			0.01426553	0	0.00%	
Sub-total					85	4673	4758	100%	0.1584	5.1953	5.3537	100%	2.603	0.050692	1.717852	1.768544	100%	0.834456	32%	1.2879596	0.1110732	8.62%	94%
				Residential	2380	678	3058	92%	0.24735	0.14765	0.395	77%		0.17658	0.06685245	0.24343245	80%			0.1006255	0.0413395	41.08%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
16	ZIRO	APEC-V	aED (PANIA	Commercial/Industrial-LT	266	3	269	8%	0.096	0.024	0.12	23%	0.677	0.05949	0.00046	0.05995	20%	0.373618	55%	0.03281	0.0221151	67.40%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
Sub-total					2646	681	3327	100%	0.34335	0.17165	0.515	100%	0.677	0.23607	0.06731245	0.30338245	100%	0.373618	55%	0.1334355	0.0634546	47.55%	79%
				Residential	40	2609	2649	94%	0.08255	1.8852	1.96775	78%		0.01579	0.336068	0.351858	52%			0.29751279	0.0487164	16.37%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
17	ZIRO	APEC-V	RaED (RAGA	Commercial/Industrial-LT	7	116	123	4%	0.0124	0.0918	0.1042	4%	1.221	0.010756	0.055983	0.066739	10%	0.540413	44%	0.0446634	0.0177727	39.79%	
				Commercial/Industrial-HT	22	8	30	1%	0.3797	0.018	0.3977	16%		0.215709	0.032676	0.248385	36%			0.1197861	0.0409336	34.17%	
				Others	1	1	2	0%	0.05	0	0.05	2%		0.001605	0.012	0.013605	2%			0.00524193	0.0002006	3.83%	
Sub-total					70	2734	2804	100%	0.52465	1.995	2.51965	100%	1.221	0.24386	0.436727	0.680587	100%	0.540413	44%	0.46720421	0.1076233	23.04%	87%
				Residential	3279	4258	7537	87%	6.36896	2.50581	8.87477	76%		0.723458	0.961209	1.684667	70%			0.75212683	0.5320022	70.73%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
18	ZIRO	APEC-V	ZED (ZIRO)	Commercial/Industrial-LT	697	289	986	11%	1.37134	0.23601	1.60735	14%	6.181	0.271704	0.106462	0.378166	16%	3.783014	61%	0.27500498	0.1494882	54.36%	
				Commercial/Industrial-HT	14	1	15	0%	0.368	0	0.368	3%		0.071878	0	0.071878	3%			0.0379453	0.0215697	56.84%	
				Others	51	85	136	2%	0.32703	0.47374	0.80077	7%		0.025537	0.237738	0.263275	11%			0.2140352	0.01933969	9.04%	
Sub-total					4041	4633	8674	100%	8.43533	3.21556	11.65089	100%	6.181	1.092577	1.305409	2.397986	100%	3.783014	61%	1.27911231	0.72239979	56.48%	78%
				Residential	8514	2504	11018	84%	47.77539	6.97368	54.74907	92%		2.184079	1.109006	3.293085	65%			1.47085795	0.85525795	58.15%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
19	AALO	APEC-VI	AED (AALO	Commercial/Industrial-LT	1715	307	2022	15%	3.68922	0.47779	4.16701	7%	7.693	0.764444	0.239765	1.004209	20%	2.625115	34%	0.56513684	0.2904506	51.39%	
				Commercial/Industrial-HT	8	9	17	0%	0.2349	0.02501	0.25991	0%		0.04658	0.030889	0.077469	2%			0.03811337	0.018288	47.98%	
				Others	9	17	26	0%	0.23187	0.3372	0.56907	1%		0.379752	0.31337	0.693122	14%			0.27508922	0.1624382	59.05%	
Sub-total					10246	2837	13083	100%	51.93138	7.81368	59.74506	100%	7.693	3.374855	1.69303	5.067885	100%	2.625115	34%	2.34919738	1.32643475	56.46%	63%
				Residential	2783	1997	4780	84%	64.2293	10.51674	74.74604	8%		0.506513	0.273305	0.779818	71%			0.30741097	0.3070465	99.88%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
20	AALO	APEC-VI	sED (BASAF	Commercial/Industrial-LT	757	115	872	15%	848.8501	0.60571	849.45581	92%	1.56	0.217256	0.032203	0.249459	23%	0.467218	30%	0.1319097	0.1474863	111.81%	
				Commercial/Industrial-HT	7	2	9	0%	0.08	0	0.08	0%		0.02999	0.009268	0.039258	4%			0.01878086	0.0020687	11.01%	
				Others	4	5	9	0%	0.63857	1.5	2.13857	0%		0.01588	0.008367	0.024247	2%			0.01067072	0.01592864	149.27%	
Sub-total					3551	2119	5670	100%	913.79797	12.62245	926.42042	100%	1.56	0.769639	0.323148	1.092782	100%	0.467218	30%	0.46877225	0.47253014	100.80%	29%
				Residential	1042	251	1293	83%	38.739	11.069	49.808	80%		0.125787	0.0323	0.158087	80%			0.0549404	0.0533984	97.19%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
21	AALO	APEC-VI	ED (MECHU	Commercial/Industrial-LT	248	15	263	17%	11.63	0.448	12.078	20%	0.354	0.037527	0.002054	0.039581	20%	0.156332	44%	0.0197905	0.0214059	108.16%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	4	4	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
Sub-total					1290	270	1560	100%	50.369	11.517	61.886	100%	0.354	0.163314	0.034354	0.197668	100%	0.156332	44%	0.0747309	0.0748043	100.10%	44%
				Residential	4	1722	1726	89%	0	1.13055	1.13055	92%		0.033232	0.240544	0.273776	89%			0.1237899	0.1082565	87.45%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
22	TEZU	APEC-VII	nED (ANIN	Commercial/Industrial-LT	3	210	213	11%	0.00998	0.083	0.09298	8%	0.564	0.001789	0.031109	0.032898	11%	0.25481	45%	0.0179747	0.0119753	66.62%	
				Commercial/Industrial-HT	1	0	1	0%	0.004	0	0.004	0%		0.000124	0	0.000124	0%			0.00005208	0	0.00%	
				Others	0	1	1	0%	0	0.0052	0.0052	0%		0	0.002392	0.002392	1%			0.00143122	0	0.00%	
Sub-total					8	1933	1941	100%	0.01398	1.21875	1.23273	100%	0.564	0.035145	0.274045	0.30919	100%	0.25481	45%	0.1432479	0.1202318	83.93%	54%
				Residential	1230	1966	3196	83%	0.466	2.125	2.591	65%		0.03491	0.2858	0.32071	49%			0.1857003	0.0751102	40.45%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
23	TEZU	APEC-VII	D (HAYULIA	Commercial/Industrial-LT	112	487	599	16%	0.197	0.791	0.988	25%	1.029	0.080617	0.101892	0.182509	28%	0.368576	36%	0.1126637	0.0276852	24.57%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	22	14	36	1%	0.305	0.082	0.387	10%		0.148463	0.008742	0.157205	24%			0.10243848	0.0452312	44.15%	
Sub-total					1364	2467	3831	100%	0.968	2.998	3.966	100%	1.029	0.26399	0.396434	0.660424	100%	0.368576	36%	0.40080247	0.1480266	36.93%	76%
				Residential	13542	6153	19695	94%	16.139	6.428	22.567	60%		2.792953	1.002822	3.795775	44%			1.57698563	0.5954824	37.76%	
				Agricultural	0	1	1	0%	0	0.005	0.005	0%		0	0.000109	0.000109	0%			0.00003379	0	0.00%	
24	TEZU	APEC-VII	aED (NAMS	Commercial/Industrial-LT	1004	163	1167	6%	3.463	2.195	5.658	15%	17.34	1.114567	0.169501	1.284068	15%	8.73537	50%	0.7255702	0.3819597	52.64%	
				Commercial/Industrial-HT	11	0	11	0%	0.12	0	0.12	0%		0.037533	0	0.037533	0%			0.01576386	0.0146671	93.04%	
				Others	137	33	170	1%	6.922	2.37	9.292	25%		3.431477	0.055668	3.487145	41%			1.43586113	1.0645297	74.14%	
Sub-total					14694	6350	21044	100%	26.644	10.998	37.642	100%	17.34	7.37653	1.2281	8.60463	100%	8.73537	50%	3.75421461	2.0566389	54.78%	73%
				Residential	6781	3835	10616	88%	0	0	0	#DIV/0!		0.985913	0.44987331	1.43578584	58%			0.6021425	0.2496664	41.46%	
				Agricultural	0	0	0	0%	0	0	0	#DIV/0!		0	0	0	0%			0	0	0.00%	
25	TEZU	APEC-VII	RED (ROING	Commercial/Industrial-LT	1072	234	1306	11%	0	0	0	#DIV/0!	6.787	0.238389	0.091893	0.330282	13%	4.310074	64%	0.174653	0.0867854	49.69%	
				Commercial/Industrial-HT	42	15	57	0%	0	0	0	#DIV/0!		0.181362	0.22062	0.4019819	16%			0.1766324	0.0204107	11.56%	
				Others	14	28	42	0%	0	0	0	#DIV/0!		0.235144	0.07373157	0.30887577	12%			0.1335389	0.03778	28.29%	
Sub-total					7909	4112	12021	100%	0	0	0	100%	6.787	1.640808	0.83611788	2.47692551	100%	4.310074	64%	1.0869668	0.3946425	36.31%	87%
				Residential	6264	3652	9916	89%	7.468	4.897	12.365	75%		0.904416	0.598567	1.502983	60%			0.82761607	0.3972121	47.99%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
26	TEZU	APEC-VII	TzED (TEZU	Commercial/Industrial-LT	762	362	1124	10%	1.343	1.795	3.138	19%	6.711	0.478641	0.062886	0.541527	22%	4.19833	63%	0.34495088	0.10294824	29.84%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	46	54	100	1%	0.498	0.405	0.903	6%		0.444697	0.023463	0.46816	19%			0.22757817	0.1031451	45.32%	
Sub-total					7072	4068	11140	100%	9.309	7.097	16.406	100%	6.711	1.827754	0.684916	2.51267	100%	4.19833	63%	1.40014512	0.60330544	43.09%	84%
				Residential	7170	2073	9243	86%	7.597	2.208	9.805	19%		1.710929	0.493762	2.204691	6%			0.95361841	0.64471	67.61%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
27	SUBU	APEC-VIII	RpED (RUPA	Commercial/Industrial-LT	1114	312	1426	13%	1.93	0.561	2.491	5%	36.471	1.066306	0.235274	1.30158	4%	2.12227	6%	0.6944397	0.66905107	96.34%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	35	23	58	1%	38.2195	0.0575	38.277	76%		30.83056	0.011904	30.8424592	90%			10.3467945	9.91253573	95.80%	

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Sub-total					8319	2408	10727	100%	47.7465	2.8265	50.573	100%	36.471	33.60779	0.74094	34.3487302	100%	2.12227	6%	11.9948527	11.2262968	93.59%	12%
28	SUBU	APEC-VIII	SEPPA	Residential	272	6580	6852	89%	0.263	16.598	16.861	90%	3.995	0.058247	1.134674	1.192921	76%	2.415453	60%	0.48957644	0.1761946	35.99%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	105	560	665	9%	0.096	1.363	1.459	8%		0.054977	0.143034	0.198011	13%			0.1068613	0.1310807	122.66%	
				Commercial/Industrial-HT	38	3	41	1%	0.195	0.015	0.21	1%		0.105682	0.046381	0.152063	10%			0.06917046	0.0665066	96.15%	
				Others	0	179	179	2%	0	0.142	0.142	1%		0	0.036552	0.036552	2%			0.02774342	0	0.00%	
Sub-total					415	7322	7737	100%	0.554	18.118	18.672	100%	3.995	0.218906	1.360641	1.579547	100%	2.415453	60%	0.69335162	0.3737819	53.91%	79%
29	SUBU	APEC-VIII	(PAKKE KES	Residential	0	1257	1257	95%	0	35.461	35.461	90%	0.861	0	0.421349	0.421349	89%	0.387504	45%	0.1685396	0.0369931	21.95%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Commercial/Industrial-LT	0	52	52	4%	0	3.454	3.454	9%		0	0.015658	0.015658	3%			0.007829	0.005311	67.84%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	0	14	14	1%	0	0.487	0.487	1%		0	0.036489	0.036489	8%			0.01414508	0	0.00%	
Sub-total					0	1323	1323	100%	0	39.402	39.402	100%	0.861	0	0.473496	0.473496	100%	0.387504	45%	0.19051368	0.0423041	22.21%	88%
30	BAHARLAGU	APEC-I	YuED (YUPIA	Residential	2641	6738	9379	84%	10.66577	12.8765	23.54227	44%	26.264	0.820404	1.858744	2.679148	17%	10.77871	41%	1.23754228	0.6801149	54.96%	
				Agricultural	2	5	7	0%	0.04	0.088	0.128	0%		0.00211	0.00063	0.00274	0%			0.00103183	0.0007132	69.12%	
				Commercial/Industrial-LT	790	835	1625	15%	2.0257	2.4316	4.4573	8%		0.699364	0.55468844	1.254052	8%			0.63278092	0.371823	58.76%	
				Commercial/Industrial-HT	12	6	18	0%	0.451	0.148	0.599	1%		0.137679	0.313227	0.450906	3%			0.19352922	0.1632479	84.35%	
				Others	36	73	109	1%	22.2363	1.9582	24.1945	46%		9.1726	1.92584099	11.09844054	72%			4.23486943	2.7505253	64.95%	
Sub-total					3481	7657	11138	100%	35.41877	17.5023	52.92107	100%	26.264	10.83216	4.65313043	15.48528654	100%	10.77871	41%	6.29975368	3.9664243	62.96%	63%
31	ZIRO	APEC-V	zED (YAZAL	Residential	792	2596	3388	92%	1.0861	3.10073	4.18683	83%	1.832	0.218373	0.425561	0.643934	76%	0.980289	54%	0.2200487	0.1940606	88.19%	
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0.0017008	0.00%	
				Commercial/Industrial-LT	147	120	267	7%	0.44985	0.23956	0.68941	14%		0.160585	0.031392	0.191977	23%			0.0981545	0.0699495	71.26%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
				Others	14	20	34	1%	0.11313	0.06775	0.18088	4%		0.00977	0.00603	0.0158	2%			0.0074144	0.001013	13.66%	
Sub-total					953	2736	3689	100%	1.64908	3.40804	5.05712	100%	1.832	0.388728	0.462983	0.851711	100%	0.980289	54%	0.3256176	0.2667239	81.91%	62%
32				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
33				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
34				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
35				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
36				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
37				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
38				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
39				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
40				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%
41				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%

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70				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**0**	**100%**	**0**	**0%**	**0**	**0**	**0.00%**	**100%**
71				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**0**	**100%**	**0**	**0%**	**0**	**0**	**0.00%**	**100%**
72				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**0**	**100%**	**0**	**0%**	**0**	**0**	**0.00%**	**100%**
73				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**0**	**100%**	**0**	**0%**	**0**	**0**	**0.00%**	**100%**
74				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**0**	**100%**	**0**	**0%**	**0**	**0**	**0.00%**	**100%**
75				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	0%	0	0	0.00%	
				Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
				Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			0	0	0.00%	
Sub-total					**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**100%**	**0**	**0**	**0**	**0**	**100%**	**0**	**0%**	**0**	**0**	**0.00%**	**100%**
76	Total			Residential	117087	145133	262220	88%	282.75277	193.61	476.36277	30%	280.846	32.43929	29.80673192	62.24601741	36%	108.7166	39%	31.8119779	15.8599916	49.86%	
				Agricultural	2	18	20	0%	0.04	0.11325	0.15325	0%		0.00211	0.012271	0.014381	0%			0.00576399	0.0032633	56.62%	
				Commercial/Industrial-LT	21736	11558	33294	11%	934.28711	27.15369	961.4408	61%		14.98815	5.61999974	20.6081449	12%			12.2560051	7.62634421	62.23%	
				Commercial/Industrial-HT	297	149	446	0%	7.63013	2.23001	9.86014	1%		3.987061	0.937202	4.9242629	3%			2.53532051	1.03931978	40.99%	
				Others	798	1265	2063	1%	108.30091	14.943	123.24391	8%		78.96918	5.36742444	84.33660139	49%			30.537632	25.3665091	83.07%	
77	**At company level**				**139920**	**158123**	**298043**	**100%**	**1333.0109**	**238.04995**	**1571.06087**	**100%**	**280.846**	**130.3858**	**41.7436291**	**172.1294076**	**100%**	**108.7166**	**39%**	**77.1466995**	**49.8954281**	**64.68%**	**60%**

**** 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
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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

Name of Authorised Signatory:

Name of the DISCOM:
Full Address:-

Seal

Signature:-
Name of Energy Manager:
Registration Number:

Energy Manager
Department of Power
Arunachal Pradesh

Form-Input energy(Details of input energy & Infrastructure)

A. Summary of energy input & Infrastructure

S.No	Parameters	Period From 01-07-2023 to 30-09-2023	Remarks (Source of data)
A.1	Input Energy purchased (MU)	534.01565	
A.2	Transmission loss (%)	2%	
A.3	Transmission loss (MU)	8.981332606	
A.4	Energy sold outside the periphery(MU)	220.058	
A.5	Open access sale (MU)	0	
A.6	EHT sale	0	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	304.98	
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)	No	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)	No	
A.10	% of metering available at DT	8%	
A.11	% of metering available at consumer end	47%	
A.12	No of feeders at 66kV voltage level	0	
A.13	No of feeders at 33kV voltage level	89	
A.14	No of feeders at 11kV voltage level	497	
A.15	No of LT feeders level	5848	
A.16	Line length (ckt. km) at 66kV voltage level		
A.17	Line length (ckt. km) at 33kV voltage level		
A.18	Line length (ckt. km) at 11kV voltage level		
A.19	Line length (km) at LT level		
A.20	Length of Aerial Bunched Cables		
A.21	Length of Underground Cables		
A.22	HT/LT ratio		

B. Meter reading of input energy at injection points

S.No	Zone	Circle	Voltge Level (KVA)	Division (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/ unmetered/ AMI/AMR)	Status of Meter (Functional/Non-functional)	Metering Date	Feeder Type (Agril/ Industrial/Mixed)	Status of Communication			Period from...to...				Sales	Remarks (Source of data)
										Date of last actual meter reading/ communication		% data received through automatically if feeder AMR/AMI	Number of hours when meter was unable to communicate in period	Total Number of hours in the period	Meter S.No	CT/PT ratio	Import (MU)	Export (MU)		
B.1																	525.03	220.06		
B.2																				
B.3																				
B.4																				
B.5																				
B.6																				
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B.1399																						
B.1400																						
B.1001	Total (MU)																	525.03	220.06			
B.1002	Net input energy at DISCOM periphery (MU)																			304.98		

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

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Authorised Signatory and Seal

Name of Authorised Signatory
Name of the DISCOM:
Full Address:-

Seal

Signature:-
Name of Energy Manager*:
Registration Number:

Energy Manager
Department of Power
Arunachal Pradesh

Details of Input Energy Sources

Period From July-2023 To Sept-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)
	KOPILI-I (NEEPCO)	200	Hydro	Yearly	Inter-State			
	KOPILI-II (NEEPCO)	25	Hydro	Yearly	Inter-State			
	KHANDONG (NEEPCO)	50	Hydro	Yearly	Inter-State			
	RHEP (NEEPCO)	405	Hydro	Yearly	Inter-State			
	DOYANG (NEEPCO)	75	Hydro	Yearly	Inter-State			
	LOKTAK (NHPC)	105	Hydro	Yearly	Inter-State			
	PARE (NEEPCO)	110	Hydro	Yearly	Inter-State			
	AGBPP (NEEPCO)	291	Gas	Yearly	Inter-State			
	AGTCCPP (NEEPCO)	135	Gas	Yearly	Inter-State			
	ONGC TPCL (Palatana)	726	Coal	Yearly	Inter-State			
	BgTPP (NTPC)	750	Coal	Yearly	Inter-State			
	KAMENG (NEEPCO)	600	Hydro	Yearly	Inter-State			
	FARAKKA (NTPC)	1600	Coal	Yearly	Inter-State			
	KAHALGAON (NTPC)	840	Coal	Yearly	Inter-State			
	TALCHAR (NTPC)	1000	Coal	Yearly	Inter-State			
	DIKSHI HEP	24	Hydro	Yearly	Inter-State			
	Sumbachu (HPDCL)	3	Hydro	Yearly	Inter-State			
	DHPD	74	Hydro	Yearly	Intra-State			

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(Details of Consumers)						
Summary of Energy						
Period From July-2023 To Sept-2023						
S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)
1	Domestic			262220	62.24601741	
2	Commercial			33294	20.6081449	
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					
8	Public Lighting					
9	HT Water Supply					
10	HT Industrial					
11	Industrial (Small)					
12	Industrial (Medium)					
13	HT Commercial			446	4.9242629	
14	Applicable to Government Hospitals & Hospitals					
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas					
17	Mixed Load					
18	Government offices and department					
19	Others-1 (if any , specify in remarks)			2063	84.33660139	Bulk Mixed+Temporary
20	Others-2 (if any , specify in remarks)	Agriculture		20	0.014381	
21	Others-3 (if any , specify in remarks)					
22	Others-4 (if any , specify in remarks)					
23	Others-5 (if any , specify in remarks)					
24						
40						
			Total	298043	172.13	

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(Details of Feeder-wise losses)

Period From July-2023 To Sept-2023

Sl No.	Zone	Received at Circle (In MU)	Received at Division (In MU)	Received at Sub-division (In MU)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural)	Type of feeder meter (AMI/AMR/Other)	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	Final Net Export at Feeder Level (In MU)	T&D losses	AT&C losses	% Data Received through Automatically (if feeder AMR/AMI)	Remarks

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