

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators September-2024

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**Prepared by- Strategic Planning Unit**

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# 1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Energy (MU)</b>								
1.01	Metered Sales	MU	4902 (84%)	4994 (79%)	-2%	30186 (83%)	30188 (81%)	0%
3.1.12	Agl Consumption	MU	941 (16%)	1302 (21%)	-28%	6371 (17%)	6889 (19%)	-8%
<b>3.1.22</b>	<b>Discom Sales</b>	<b>MU</b>	<b>5843</b>	<b>6296</b>	<b>-7%</b>	<b>36557</b>	<b>37077</b>	<b>-1%</b>
1.02	Private Sales	MU	3954 (68%)	3933 (62%)	1%	24184 (66%)	24216 (65%)	0%
1.03	Government Sales	MU	514 (9%)	681 (11%)	-25%	3378 (9%)	3314 (9%)	2%
1.04	Government Subsidy	MU	1376 (24%)	1682 (27%)	-18%	8996 (25%)	9548 (26%)	-6%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	22484	16972	32%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3070	3511	-13%	19792	20699	-4%
5.2.7	Gov Sales	Rs Cr	178	177	1%	1276	1426	-11%
5.2.1	Gov Subsidy	Rs Cr	668	1680	-60%	6779	6028	12%
1.06	Others	Rs Cr	0	0	-	0	0	-
<b>5.2.15</b>	<b>Discom Collections</b>	<b>Rs Cr</b>	<b>3916</b>	<b>5368</b>	<b>-27%</b>	<b>27847</b>	<b>28153</b>	<b>-1%</b>
1.07	Metered Sales	Rs Cr	3611	3748	-4%	21872	22665	-4%
3.3.12	Agl Consumption	Rs Cr	304	1621	-81%	5974	5493	8%
1.08	Revenue from Sale	Rs Cr	5241	4203	25%	29682	27204	9%
1.09	Adj Revenue from Sale	Rs Cr	5115	3949	30%	30562	26077	17%
1.10	Closing Debtors	Rs Cr	23046	17528	31%	23046	17528	31%
1.11	Adj Closing Debtors	Rs Cr	23046	17528	31%	23046	17528	31%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	6.70	8.53	-21%	7.62	7.59	0%
3.6.22	AMC	kWh/bill/Mth	295	326	-10%	307	320	-4%
3.7.22	ACPB	Rs/bill/Mth	1975	2781	-29%	2341	2431	-4%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	5843 (93%)	6296 (92%)	-7%	36557 (91%)	37077 (89%)	-1%
2.01	Discom Losses	MU	388 (6%)	439 (6%)	-12%	2897 (7%)	2743 (7%)	6%
2.02	Discom Input	MU	6098 (97%)	6668 (97%)	-7%	38663 (96%)	39445 (94%)	-1%
4.10.4	Transmission Loss	MU	157 (2%)	167 (2%)	-6%	1031 (3%)	1074 (3%)	-4%
4.1.11	Discom Purchases	MU	6279	6878	-9%	40231	41783	-4%
4.2.11	Power Purchase Cost	Rs. Cr	3231 (74%)	3819 (77%)	-15%	21445 (74%)	22679 (76%)	-5%
<b>Contracted Network Capacity (MW)</b>								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	1574	167%	4199	1775	137%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
<b>Capacity Charges</b>								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.7	2.1	-19%	1.8	2.0	-9%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.3	3.8	-13%	3.4	7.3	-54%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	7.8	5.4	44%	8.9	5.4	63%
<b>Network Cost (Rs. Cr)</b>								
2.09	STU Cost	Rs Cr	253 (6%)	317 (6%)	-20%	1557 (5%)	1758 (6%)	-11%
2.10	CTU Cost	Rs Cr	137 (3%)	60 (1%)	128%	854 (3%)	777 (3%)	10%
2.11	Distribution Network Cost	Rs Cr	757 (17%)	749 (15%)	1%	5133 (18%)	4500 (15%)	14%
2.12	O&M Cost	Rs Cr	523	449	16%	3267	2751	19%
2.13	HR Cost	Rs Cr	459	398	15%	2769	2334	19%
2.14	A&G Cost	Rs Cr	17	8	112%	132	102	30%
2.15	R & M Cost	Rs Cr	47	43	9%	366	316	16%
2.16	Depreciation	Rs Cr	186	157	19%	1097	916	20%
2.17	ROCE	Rs Cr	0	63	-100%	339	320	6%
2.18	Others	Rs Cr	48	80	-40%	430	513	-16%
<b>Cost of Service (Rs. Cr)</b>								
2.19	Cost of Service	Rs Cr	4378	4945	-11%	28989	29714	-2%
7.2.2	ERC Disallowed Debt	Rs Cr	5719	1686	239%	13569	7782	74%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.15	5.55	-7%	5.33	5.43	-2%
2.20	STU Cost per Unit	Rs/kWh	0.40	0.46	-12%	0.39	0.42	-8%
2.21	CTU Cost per Unit	Rs/kWh	0.22	0.09	150%	0.21	0.19	14%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.69	5.22	-68%	5.41	5.64	-4%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.21	1.09	11%	1.28	1.08	18%
2.23	Cost of Service per Unit	Rs/kWh	6.97	7.19	-3%	7.21	7.11	1%
<b>KPIs on Sales basis</b>								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.53	6.07	-9%	5.87	6.12	-4%
2.25	STU Cost per Unit	Rs/kWh	0.43	0.91	-53%	0.43	0.47	-10%
2.26	CTU Cost per Unit	Rs/kWh	0.23	0.10	146%	0.23	0.21	12%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.30	1.19	9%	1.40	1.21	16%

2.28	ACS	Rs/kWh	7.49	7.85	-5%		7.93	8.01	-1%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	9.79	2.68	266%		3.71	2.10	77%
<b>AT&amp;C Losses</b>									
2.30	Collection $\eta$	%	87%	81%	8%		95%	89%	6%
2.31	Units Realized	MU	4961	5029	-1%		33969	32820	3%
2.32	Units Unrealized	MU	1137	1639	-31%		4694	6624	-29%
2.33	AT&C Losses	%	19%	25%	-24%		12%	17%	-28%
<b>ACS-ARR GAP</b>									
2.34	GAP	Rs/kWh	-0.79	0.67	-218%		-0.31	-0.42	25%

\*CTU charges are being charged on GNA from October-2023

### 3. Sales by Categories

#### 3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	25 (0%)	30 (0%)	-17%	162 (0%)	193 (1%)	-16%
3.1.2	31-75	185 (3%)	187 (3%)	-1%	1111 (3%)	1153 (3%)	-4%
3.1.3	76-125	356 (6%)	351 (6%)	2%	2075 (6%)	2061 (6%)	1%
3.1.4	126-225	584 (10%)	550 (9%)	6%	3272 (9%)	3038 (8%)	8%
3.1.5	226-400	407 (7%)	387 (6%)	5%	2516 (7%)	2227 (6%)	13%
3.1.6	>400	174 (3%)	187 (3%)	-7%	1733 (5%)	1693 (5%)	2%
3.1.7	LT-1	1731 (30%)	1691 (27%)	2%	10869 (30%)	10365 (28%)	5%
3.1.8	LT-2	353 (6%)	339 (5%)	4%	2158 (6%)	2029 (5%)	6%
3.1.9	LT-3	115 (2%)	122 (2%)	-6%	733 (2%)	762 (2%)	-4%
3.1.10	LT-4	137 (2%)	138 (2%)	-1%	821 (2%)	819 (2%)	0%
3.1.11	LT-5	1256 (21%)	1601 (25%)	-22%	8297 (23%)	8814 (24%)	-6%
3.1.12	LT-5 A (ii)	941 (16%)	1302 (21%)	-28%	6371 (17%)	6889 (19%)	-8%
3.1.13	LT-5 excluding A(ii)	315 (5%)	298 (5%)	6%	1926 (5%)	1925 (5%)	0%
3.1.14	LT	3592 (61%)	3891 (62%)	-8%	22877 (63%)	22789 (61%)	0%
3.1.15	HT-1	7 (0%)	6 (0%)	12%	45 (0%)	40 (0%)	12%
3.1.16	HT-2	192 (3%)	173 (3%)	11%	1175 (3%)	1131 (3%)	4%
3.1.17	HT-3	1620 (28%)	1764 (28%)	-8%	10294 (28%)	10993 (30%)	-6%
3.1.18	HT-4	256 (4%)	256 (4%)	0%	1596 (4%)	1511 (4%)	6%
3.1.19	HT-5	134 (2%)	154 (2%)	-13%	296 (1%)	355 (1%)	-17%
3.1.20	Rescos	43 (1%)	51 (1%)	-17%	275 (1%)	257 (1%)	7%
3.1.21	HT	2251 (39%)	2405 (38%)	-6%	13680 (37%)	14288 (39%)	-4%
3.1.22	Discom Sales	5843	6296	-7%	36557	37077	-1%

#### 3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3592	3891	-8%	22877	22789	0%
3.2.1	11KV	511	535	-5%	3266	3232	1%
3.2.2	33KV	593	577	3%	3642	3615	1%
3.2.3	EHT	1148	1292	-11%	6773	7468	-9%
3.1.22	Discom Sales	5843	6296	-7%	36557	37077	-1%

#### 3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	26 (1%)	28 (1%)	-8%	167 (1%)	160 (1%)	4%
3.3.2	31-75	65 (2%)	69 (1%)	-6%	404 (1%)	409 (1%)	-1%
3.3.3	76-125	130 (3%)	138 (3%)	-5%	783 (3%)	784 (3%)	0%
3.3.4	126-225	248 (6%)	254 (5%)	-2%	1503 (5%)	1385 (5%)	9%
3.3.5	226-400	238 (6%)	251 (5%)	-5%	1544 (6%)	1394 (5%)	11%
3.3.6	>400	157 (4%)	216 (4%)	-27%	1278 (5%)	1416 (5%)	-10%
3.3.7	LT-1	864 (22%)	956 (18%)	-10%	5678 (20%)	5548 (20%)	2%
3.3.8	LT-2	422 (11%)	430 (8%)	-2%	2594 (9%)	2468 (9%)	5%
3.3.9	LT-3	113 (3%)	134 (3%)	-16%	748 (3%)	800 (3%)	-6%
3.3.10	LT-4	20 (1%)	24 (0%)	-18%	195 (1%)	497 (2%)	-61%
3.3.11	LT-5	766 (20%)	1805 (34%)	-58%	7178 (26%)	6651 (24%)	8%
3.3.12	LT-5 A (ii)	304 (8%)	1621 (30%)	-81%	5974 (21%)	5493 (20%)	9%
3.3.13	LT-5 excluding A(ii)	462 (12%)	184 (3%)	151%	1205 (4%)	1158 (4%)	4%
3.3.14	LT	2184 (56%)	3350 (62%)	-35%	16393 (59%)	15963 (57%)	3%
3.3.15	HT-1	6 (0%)	5 (0%)	11%	37 (0%)	33 (0%)	14%
3.3.16	HT-2	237 (6%)	224 (4%)	5%	1509 (5%)	1357 (5%)	11%
3.3.17	HT-3	1284 (33%)	1597 (30%)	-20%	8598 (31%)	9577 (34%)	-10%

3.3.18	HT-4	200 (5%)	187 (3%)	7%	1261 (5%)	1155 (4%)	9%
3.3.19	HT-5	3 (0%)	4 (0%)	-24%	36 (0%)	63 (0%)	-43%
3.3.20	Rescos	2 (0%)	2 (0%)	-9%	11 (0%)	10 (0%)	9%
3.3.21	HT	1730 (44%)	2019 (38%)	-14%	11453 (41%)	12195 (43%)	-6%
3.3.22	Discom Collections	3915	5369	-27%	27845	28158	-1%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	3,128,735(16%)	3,321,252(17%)	-6%	3,128,735(16%)	3,321,252(17%)	-6%
3.4.2	31-75	3,478,422(18%)	4,041,912(21%)	-14%	3,478,422(18%)	4,041,912(21%)	-14%
3.4.3	76-125	3,594,446(18%)	3,620,054(19%)	-1%	3,594,446(18%)	3,620,054(19%)	-1%
3.4.4	126-225	3,550,054(18%)	2,954,857(15%)	20%	3,550,054(18%)	2,954,857(15%)	20%
3.4.5	226-400	1,420,880(7%)	942,712(5%)	51%	1,420,880(7%)	942,712(5%)	51%
3.4.6	>400	387,099(2%)	285,705(1%)	35%	387,099(2%)	285,705(1%)	35%
3.4.7	LT-1	15,559,636(78%)	15,166,492(79%)	3%	15,559,636(78%)	15,166,492(79%)	3%
3.4.8	LT-2	1,774,533(9%)	1,707,679(9%)	4%	1,774,533(9%)	1,707,679(9%)	4%
3.4.9	LT-3	81,083(0%)	81,208(0%)	0%	81,083(0%)	81,208(0%)	0%
3.4.10	LT-4	373,462(2%)	362,275(2%)	3%	373,462(2%)	362,275(2%)	3%
3.4.11	LT-5	2,021,479(10%)	1,974,981(10%)	2%	2,021,479(10%)	1,974,981(10%)	2%
3.4.12	LT-5 A (ii)	1,935,928(10%)	1,886,026(10%)	3%	1,935,928(10%)	1,886,026(10%)	3%
3.4.13	LT-5 excluding A(ii)	85,551(0%)	88,955(0%)	-4%	85,551(0%)	88,955(0%)	-4%
3.4.14	LT	19,810,193(100%)	19,292,635(100%)	3%	19,810,193(100%)	19,292,635(100%)	3%
3.4.15	HT-1	136(0%)	127(0%)	7%	136(0%)	127(0%)	7%
3.4.16	HT-2	5,609(0%)	5,162(0%)	9%	5,609(0%)	5,162(0%)	9%
3.4.17	HT-3	6,871(0%)	6,698(0%)	3%	6,871(0%)	6,698(0%)	3%
3.4.18	HT-4	871(0%)	872(0%)	0%	871(0%)	872(0%)	0%
3.4.19	HT-5	724(0%)	725(0%)	0%	724(0%)	725(0%)	0%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,212(0%)	13,585(0%)	5%	14,212(0%)	13,585(0%)	5%
3.4.22	Discom Bills	19,824,405	19,306,220	3%	19,824,405	19,306,220	3%

### 3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	10.45	9.45	11%	10.29	8.29	24%
3.5.2	31-75	3.49	3.71	-6%	3.63	3.55	2%
3.5.3	76-125	3.65	3.92	-7%	3.77	3.80	-1%
3.5.4	126-225	4.26	4.61	-8%	4.60	4.56	1%
3.5.5	226-400	5.85	6.49	-10%	6.14	6.26	-2%
3.5.6	>400	9.03	11.53	-22%	7.37	8.36	-12%
3.5.7	LT-1	4.99	5.65	-12%	5.22	5.35	-2%
3.5.8	LT-2	11.94	12.69	-6%	12.02	12.16	-1%
3.5.9	LT-3	9.82	11.01	-11%	10.21	10.49	-3%
3.5.10	LT-4	1.46	1.77	-17%	2.38	6.06	-61%
3.5.11	LT-5	6.10	11.27	-46%	8.65	7.55	15%
3.5.12	LT-5 A (ii)	3.23	12.44	-74%	9.38	7.97	18%
3.5.13	LT-5 excluding A(ii)	14.67	6.17	138%	6.25	6.01	4%
3.5.14	LT	6.08	8.61	-29%	7.17	7.00	2%
3.5.15	HT-1	8.43	8.51	-1%	8.25	8.07	2%
3.5.16	HT-2	12.34	12.98	-5%	12.84	12.00	7%
3.5.17	HT-3	7.92	9.05	-12%	8.35	8.71	-4%
3.5.18	HT-4	7.80	7.28	7%	7.90	7.64	3%
3.5.19	HT-5	0.21	0.24	-12%	1.22	1.78	-31%
3.5.20	Rescos	0.44	0.40	10%	0.41	0.40	2%
3.5.21	HT	7.69	8.40	-8%	8.37	8.54	-2%
3.5.22	ARR	6.70	8.53	-21%	7.62	7.59	0%

### 3.6 Average Monthly Consumption by Category (kWh/Bill/Month)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	8	9	-12%	9	10	-11%
3.6.2	31-75	53	46	15%	53	48	12%
3.6.3	76-125	99	97	2%	96	95	1%
3.6.4	126-225	164	186	-12%	154	171	-10%
3.6.5	226-400	286	411	-30%	295	394	-25%
3.6.6	>400	449	654	-31%	746	988	-24%
3.6.7	LT-1	111	112	0%	116	114	2%
3.6.8	LT-2	199	199	0%	203	198	2%
3.6.9	LT-3	1419	1501	-6%	1506	1565	-4%
3.6.10	LT-4	368	381	-4%	366	377	-3%
3.6.11	LT-5	621	811	-23%	684	744	-8%
3.6.12	LT-5 A (ii)	486	691	-30%	548	609	-10%
3.6.13	LT-5 excluding A(ii)	3682	3355	10%	3753	3606	4%
3.6.14	LT	181	202	-10%	192	197	-2%
3.6.15	HT-1	51912	49606	5%	55270	53071	4%
3.6.16	HT-2	34167	33481	2%	34912	36519	-4%
3.6.17	HT-3	235810	263379	-10%	249692	273536	-9%
3.6.18	HT-4	293927	293807	0%	305450	288757	6%
3.6.19	HT-5	184530	212303	-13%	68046	81692	-17%
3.6.20	Rescos	42800000	51290000	-17%	45765000	42896085	7%
3.6.21	HT	158413	177008	-11%	160431	175290	-8%
3.6.22	AMC	295	326	-10%	307	320	-4%

### 3.7 Average Collection per Bill by Category (Rs/Bill/Month)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	82	85	-3%	89	80	10%
3.7.2	31-75	186	171	9%	193	169	15%
3.7.3	76-125	362	380	-5%	363	361	1%
3.7.4	126-225	700	859	-19%	706	781	-10%
3.7.5	226-400	1675	2668	-37%	1811	2464	-27%
3.7.6	>400	4053	7546	-46%	5500	8258	-33%
3.7.7	LT-1	555	630	-12%	608	610	0%
3.7.8	LT-2	2376	2520	-6%	2436	2409	1%
3.7.9	LT-3	13924	16529	-16%	15370	16411	-6%
3.7.10	LT-4	537	674	-20%	871	2285	-62%
3.7.11	LT-5	3788	9139	-59%	5918	5613	5%
3.7.12	LT-5 A (ii)	1568	8594	-82%	5143	4854	6%
3.7.13	LT-5 excluding A(ii)	54015	20689	161%	23466	21692	8%
3.7.14	LT	1103	1736	-37%	1379	1379	0%
3.7.15	HT-1	437605	422047	4%	456022	428461	6%
3.7.16	HT-2	421779	434715	-3%	448397	438148	2%
3.7.17	HT-3	1868203	2384398	-22%	2085582	2383123	-12%
3.7.18	HT-4	2291677	2140367	7%	2413117	2207416	9%
3.7.19	HT-5	38348	50207	-24%	83072	145164	-43%
3.7.20	Rescos	18753609	20500000	-9%	18708935	17150434	9%
3.7.21	HT	1217581	1486316	-18%	1343076	1496176	-10%
3.7.22	ACPB	1975	2781	-29%	2341	2431	-4%

## 4. Purchase by Categories

### 4.1 Energy Purchased by Source (MU)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.1.1	State Thermal	2017 (32%)	1965 (29%)	3%	3018 (44%)	-33%	15259 (38%)	14800 (35%)	3%	17844 (43%)	-14%
4.1.2	State Hydrel	586 (9%)	185 (3%)	217%	573 (8%)	2%	1881 (5%)	1011 (2%)	86%	1824 (4%)	3%
4.1.3	CGS	810 (13%)	813 (12%)	0%	834 (12%)	-3%	5545 (14%)	5775 (14%)	-4%	5155 (12%)	8%
4.1.4	Gas	0 (0%)	0 (0%)	- 100%	0 (0%)	-	0 (0%)	0 (0%)	- 100%	0 (0%)	-
4.1.5	IPPs	798 (13%)	1027 (15%)	-22%	1172 (17%)	-32%	4784 (12%)	5618 (13%)	-15%	7272 (17%)	-34%
4.1.6	VRE-Wind	894 (14%)	939 (14%)	-5%	687 (10%)	30%	5409 (13%)	5558 (13%)	-3%	4815 (12%)	12%
4.1.7	VRE-Solar	612 (10%)	648 (9%)	-6%	543 (8%)	13%	3804 (9%)	3391 (8%)	12%	3724 (9%)	2%
4.1.8	RE-Others	25 (0%)	21 (0%)	17%	29 (0%)	-14%	144 (0%)	127 (0%)	14%	176 (0%)	-18%
4.1.9	Markets	537 (9%)	1281 (19%)	-58%	0 (0%)	-	3376 (8%)	5120 (12%)	-34%	1037 (2%)	226%
4.1.10	Others*	0 (0%)	0 (0%)	- 100%	0 (0%)	-	27 (0%)	383 (1%)	-93%	0 (0%)	-
4.1.11	Discom Purchases	6279	6878	-9%	6856	-8%	40231	41783	-4%	41848	-4%

### 4.2 Power Purchase Cost by Source (Rs Cr)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.2.1	State Thermal	1310 (41%)	1055 (28%)	24%	1642 (53%)	-20%	8831 (41%)	8186 (36%)	8%	9714 (50%)	-9%
4.2.2	State Hydrel	51 (2%)	54 (1%)	-4%	60 (2%)	-15%	342 (2%)	322 (1%)	6%	363 (2%)	-6%
4.2.3	CGS	417 (13%)	425 (11%)	-2%	353 (11%)	18%	2999 (14%)	3258 (14%)	-8%	2182 (11%)	37%
4.2.4	Gas	0 (0%)	0 (0%)	-	2 (0%)	-100%	0 (0%)	0 (0%)	-	9 (0%)	-100%
4.2.5	IPPs	423 (13%)	477 (12%)	-11%	510 (16%)	-17%	2335 (11%)	2568 (11%)	-9%	3146 (16%)	-26%
4.2.6	VRE-Wind	427 (13%)	445 (12%)	-4%	323 (10%)	32%	2544 (12%)	2632 (12%)	-3%	2263 (12%)	12%
4.2.7	VRE-Solar	268 (8%)	282 (7%)	-5%	208 (7%)	29%	1761 (8%)	1538 (7%)	15%	1423 (7%)	24%
4.2.8	RE-Others	13 (0%)	12 (0%)	14%	19 (1%)	-29%	84 (0%)	78 (0%)	8%	114 (1%)	-26%
4.2.9	Markets	320 (10%)	1067 (28%)	-70%	0 (0%)	-	2513 (12%)	3936 (17%)	-36%	277 (1%)	808%
4.2.10	Others*	1 (0%)	3 (0%)	-68%	0 (0%)	-	37 (0%)	162 (1%)	-77%	0 (0%)	-
4.2.11	Power Purchase Cost	3231	3819	-15%	3116	4%	21445	22679	-5%	19490	10%

### 4.3 Fixed Cost by Source (Rs Cr)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.3.1	State Thermal	323	229	41%	521	-38%	2319	1707	36%	3124	-26%
4.3.2	State Hydrel	51	54	-4%	60	-15%	342	322	6%	363	-6%
4.3.3	CGS	123	135	-9%	80	53%	732	731	0%	479	53%
4.3.4	Gas	0	0	-	2	-100%	0	0	-	9	-100%
4.3.5	IPPs	182	162	12%	181	0%	808	867	-7%	1089	-26%
4.3.6	Others*	1	3	-68%	0	-	7	8	-14%	0	-
4.3.7	Fixed Cost	679	582	17%	844	-20%	4209	3635	16%	5063	-17%

\*Others-GGPP has consumption for supplying electricity to its colonies and for trail runs of turbines. APDISCOMs are paying FC to GGPP.

#### 4.4 Variable Cost by Source (Rs Cr)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.4.1	State Thermal	987	827	19%	1121	-12%	6512	6478	1%	6590	-1%
4.4.2	CGS	295	289	2%	273	8%	2267	2527	-10%	1703	33%
4.4.3	Gas	0	0	-	0	-	0	0	-	0	-
4.4.4	IPPs	242	315	-23%	329	-26%	1526	1701	-10%	2058	-26%
4.4.5	VRE-Wind	427	445	-4%	323	32%	2544	2632	-3%	2263	12%
4.4.6	VRE-Solar	268	282	-5%	208	29%	1761	1538	15%	1423	24%
4.4.7	RE-Others	13	11	15%	18	-28%	81	75	7%	107	-25%
4.4.8	Markets	320	1067	-70%	0	-	2513	3936	-36%	277	808%
4.4.9	Others*	0	0	-	0	-	30	154	-80%	0	-
4.4.10	Variable Cost	2552	3236	-21%	2271	12%	17233	19040	-9%	14421	19%

#### 4.5 Average Energy Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.5.1	State Thermal	6.49	5.37	21%	5.44	19%	5.79	5.53	5%	5.44	6%
4.5.2	State Hydel	0.88	2.90	-70%	1.06	-17%	1.82	3.18	-43%	1.99	-9%
4.5.3	CGS	5.15	5.22	-1%	4.23	22%	5.41	5.64	-4%	4.23	28%
4.5.4	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.5.5	IPPs	5.30	4.65	14%	4.35	22%	4.88	4.57	7%	4.33	13%
4.5.6	VRE-Wind	4.77	4.74	1%	4.70	2%	4.70	4.73	-1%	4.70	0%
4.5.7	VRE-Solar	4.39	4.34	1%	3.82	15%	4.63	4.53	2%	3.82	21%
4.5.8	RE-Others	5.34	5.50	-3%	6.49	-18%	5.85	6.16	-5%	6.48	-10%
4.5.9	Markets	5.96	8.34	-28%	0.00	-	7.44	7.69	-3%	2.67	179%
4.5.10	Others*	0.00	-97.00	-100%	0.00	-	13.65	4.22	223%	0.00	-
4.5.11	Weighted Average	5.15	5.55	-7%	4.54	13%	5.33	5.43	-2%	4.66	14%

#### 4.6 Fixed Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.6.1	State Thermal	1.60	1.16	38%	1.73	-7%	1.52	1.15	32%	1.75	-13%
4.6.2	State Hydel	0.88	2.90	-70%	1.06	-17%	1.82	3.18	-43%	1.99	-9%
4.6.3	CGS	1.51	1.66	-9%	0.96	58%	1.32	1.27	4%	0.93	42%
4.6.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.6.5	IPPs	2.27	1.58	44%	1.55	47%	1.69	1.54	9%	1.50	13%
4.6.6	Others*	0.00	-97.00	-	0.00	-	2.61	0.21	1114%	0.00	-
4.6.7	Average FC	1.08	0.85	28%	1.23	-12%	1.05	0.87	20%	1.21	-14%

#### 4.7 Variable Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.7.1	State Thermal	4.89	4.21	16%	3.71	32%	4.27	4.38	-3%	3.69	16%
4.7.2	CGS	3.64	3.56	2%	3.28	11%	4.09	4.38	-7%	3.30	24%
4.7.3	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.7.4	IPPs	3.03	3.07	-1%	2.80	8%	3.19	3.03	5%	2.83	13%
4.7.5	VRE-Wind	4.77	4.74	1%	4.70	2%	4.70	4.73	-1%	4.70	0%
4.7.6	VRE-Solar	4.39	4.34	1%	3.82	15%	4.63	4.53	2%	3.82	21%
4.7.7	RE-Others	5.34	5.50	-3%	6.49	-18%	5.85	6.16	-5%	6.48	-10%
4.7.8	Markets	5.96	8.34	-28%	0.00	-	7.44	7.69	-3%	2.67	179%
4.7.9	Others*	0.00	0.00	-	0.00	-	11.04	4.01	175%	0.00	-
4.7.10	Average VC	4.06	4.70	-14%	3.31	23%	4.28	4.56	-6%	3.45	24%

#### 4.8 Power Purchase Cost by Voltage Level on Sales basis (Rs Cr)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1986	2360	-16%	13420	13939	-4%
4.8.2	11KV	283	325	-13%	1916	1977	-3%
4.8.3	33KV	328	350	-6%	2136	2211	-3%
4.8.4	EHT	635	784	-19%	3973	4568	-13%
4.2.11	Power Purchase Cost	3231	3819	-15%	21445	22679	-5%

#### 4.9 Cost of Service by Voltage Level on Sales basis (Rs Cr)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2691	3056	-12%	18141	18263	-1%
4.9.2	11KV	383	421	-9%	2590	2590	0%
4.9.3	33KV	444	453	-2%	2888	2897	0%
4.9.4	EHT	860	1015	-15%	5371	5985	-10%
2.19	Cost of Service	4378	4945	-11%	28989	29735	-3%

#### 4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	112	145	-23%	1008	813	24%
4.10.2	11KV	140	139	0%	913	874	5%
4.10.3	33KV	136	154	-12%	975	1056	-8%
4.10.4	EHT	157	167	-6%	1031	1074	-4%
4.10.5	Loss	545	606	-10%	3927	3817	3%

#### 4.11 Cost of Service by Voltage Level on Purchase Basis (Rs Cr)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2763	3143	-12%	18698	18800	-1%
4.11.2	11KV	381	417	-9%	2556	2574	-1%
4.11.3	33KV	428	436	-2%	2758	2789	-1%
4.11.4	EHT	806	949	-15%	4976	5573	-11%
2.19	Cost of Service	4378	4945	-11%	28989	29735	-3%

#### 4.12 Average Cost of Service by Voltage Level (Rs/kWh)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	7.7	8.1	-5%	8.2	8.2	-1%
4.12.2	11KV	7.5	7.8	-4%	7.8	8.0	-2%
4.12.3	33KV	7.2	7.6	-4%	7.6	7.7	-2%
4.12.4	EHT	7.0	7.3	-4%	7.3	7.5	-2%
2.28	ACS	7.5	7.9	-5%	7.9	8.0	-1%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>2814</b>	<b>3965</b>	<b>3397</b>	<b>3397</b>	<b>13574</b>
5.1.2	Agriculture Subsidy	2447	3498	2216	2216	10378
5.1.3	Aquaculture Subsidy	367	467	185	185	1203
5.1.4	SC Colonies Subsidy	0	0	159	159	317
5.1.5	ST Thandas Subsidy	0	0	36	36	72
5.1.6	Other Subsidy	0	0	802	802	1604
5.1.7	<b>Govt Agencies</b>	<b>727</b>	<b>549</b>	<b>1341</b>	<b>1341</b>	<b>3957</b>
5.1.8	Panchayats	83	21	525	525	1155
5.1.9	WR Dept	17	0	415	415	848
5.1.10	ULB	87	19	214	214	533
5.1.11	Other Govt Dept	539	508	186	186	1420
5.1.12	<b>Govt serviced debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5.1.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5.1.14	<b>Private Customers Receivables</b>	<b>10248</b>	<b>9545</b>	<b>9303</b>	<b>9303</b>	<b>38399</b>
5.1.15	<b>Total</b>	<b>13789</b>	<b>14058</b>	<b>14041</b>	<b>14041</b>	<b>55929</b>
5.1.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5.1.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	<b>Subsidy</b>	<b>1132</b>	<b>1220</b>	<b>668</b>	<b>1680</b>	<b>552</b>	<b>-60%</b>	<b>-41%</b>
5.2.2	Agriculture Subsidy	739	850	301	1616	549	-81%	-59%
5.2.3	Aquaculture Subsidy	62	64	367	64	-303	473%	497%
5.2.4	SC Colonies Subsidy	53	57	0	0	57	-	-100%
5.2.5	ST Thandas Subsidy	12	12	0	0	12	-	-100%
5.2.6	Other Subsidy	267	237	0	0	237	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>447</b>	<b>638</b>	<b>178</b>	<b>177</b>	<b>460</b>	<b>1%</b>	<b>-60%</b>
5.2.8	Panchayats	175	178	8	7	170	13%	-95%
5.2.9	WR Dept	138	185	0	0	185	-75%	-100%
5.2.10	ULB	71	65	4	16	61	-78%	-95%
5.2.11	Other Govt Dept	62	210	166	153	44	8%	168%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.14	<b>Private Customers Receivables</b>	<b>3101</b>	<b>3848</b>	<b>3070</b>	<b>3511</b>	<b>778</b>	<b>-13%</b>	<b>-1%</b>
5.2.15	<b>Total</b>	<b>4680</b>	<b>5706</b>	<b>3916</b>	<b>5368</b>	<b>1790</b>	<b>-27%</b>	<b>-16%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>

### 5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
5.3.1	<b>Subsidy</b>	<b>12391</b>	<b>6795</b>	<b>7652</b>	<b>6779</b>	<b>6028</b>	<b>13264</b>	<b>12145</b>	<b>12%</b>	<b>0%</b>
5.3.2	Agriculture Subsidy	9760	4433	5601	5945	5465	9416	9647	9%	34%
5.3.3	Aquaculture Subsidy	1460	369	398	834	563	1024	1356	48%	126%
5.3.4	SC Colonies Subsidy	882	317	410	0	0	1292	877	-	-100%
5.3.5	ST Thandas Subsidy	277	72	94	0	0	371	257	-	-100%
5.3.6	Other Subsidy	12	1604	1148	0	0	1160	8	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>15166</b>	<b>2681</b>	<b>3388</b>	<b>1276</b>	<b>1426</b>	<b>17278</b>	<b>15182</b>	<b>-11%</b>	<b>-52%</b>
5.3.8	Panchayats	6654	1051	1051	104	342	7601	6669	-69%	-90%
5.3.9	WR Dept	7233	830	694	18	63	7909	7233	-72%	-98%



## 6. Payables

### 6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
<b>6.1.1</b>	<b>PP Cost</b>	<b>11508</b>	<b>9937</b>	<b>8703</b>	<b>9432</b>	<b>39580</b>
6.1.2	State Thermal	4870	3961	4264	4724	17819
6.1.3	State Hydel	170	171	181	181	704
6.1.4	CGS	1561	1437	1078	1060	5136
6.1.5	IPPs Gas	0	0	5	5	9
6.1.6	IPPs Thermal	1245	1090	1533	1520	5388
6.1.7	VRE- Wind	909	1635	354	461	3359
6.1.8	VRE- Solar	1044	717	1231	1426	4417
6.1.9	Other-NCE	40	44	57	56	197
6.1.10	Market	1637	876	0	0	2513
6.1.11	Other	32	5	0	0	37
<b>6.1.12</b>	<b>CTU Cost</b>	<b>445</b>	<b>409</b>	<b>361</b>	<b>361</b>	<b>1576</b>
<b>6.1.13</b>	<b>STU Cost</b>	<b>751</b>	<b>806</b>	<b>1013</b>	<b>1013</b>	<b>3582</b>
<b>6.1.14</b>	<b>Distribution Cost</b>	<b>2624</b>	<b>2509</b>	<b>2855</b>	<b>2855</b>	<b>10843</b>
6.1.15	O&M Cost	1625	1642	1938	1938	7142
6.1.16	HR Cost	1374	1395	1585	1585	5939
6.1.17	A&G Cost	64	68	87	87	307
6.1.18	R&M Cost	187	179	265	265	896
6.1.19	Depreciation	533	564	532	532	2162
6.1.20	ROCE	313	26	437	437	1214
6.1.21	Others	153	277	-52	-52	326
<b>6.1.22</b>	<b>Cost of Service</b>	<b>15328</b>	<b>13662</b>	<b>12931</b>	<b>13661</b>	<b>55581</b>
7.1.1	Capex Debt service (P+I)	524	662	0	0	1186
7.1.2	Opex Debt service (P+I)	5958	7499	0	0	13457

### 6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
<b>6.2.1</b>	<b>PP Cost</b>	<b>3116</b>	<b>3231</b>	<b>4825</b>	<b>3795</b>	<b>-1594</b>	<b>27%</b>	<b>55%</b>
6.2.2	State Thermal	1642	1310	2699	1282	-1389	111%	64%
6.2.3	State Hydel	60	51	202	54	-151	274%	234%
6.2.4	CGS	353	417	684	836	-267	-18%	94%
6.2.5	IPPs Gas	2	0	0	3	0	-100%	-100%
6.2.6	IPPs Thermal	510	423	353	381	70	-7%	-31%
6.2.7	VRE- Wind	323	427	317	460	110	-31%	-2%
6.2.8	VRE- Solar	208	268	80	56	188	43%	-61%
6.2.9	Other-NCE	19	13	13	38	0	-66%	-30%
6.2.10	Market	0	320	477	685	-157	-30%	-
6.2.11	Other	0	1	0	0	1	-	-
<b>6.2.12</b>	<b>CTU Cost</b>	<b>120</b>	<b>137</b>	<b>129</b>	<b>113</b>	<b>8</b>	<b>14%</b>	<b>7%</b>
<b>6.2.13</b>	<b>STU Cost</b>	<b>338</b>	<b>253</b>	<b>576</b>	<b>441</b>	<b>-323</b>	<b>31%</b>	<b>71%</b>
<b>6.2.14</b>	<b>Distribution Cost</b>	<b>952</b>	<b>757</b>	<b>728</b>	<b>520</b>	<b>29</b>	<b>40%</b>	<b>-24%</b>
6.2.15	O&M Cost	646	523	538	455	-15	18%	-17%
6.2.16	HR Cost	528	459	478	399	-19	20%	-10%
6.2.17	A&G Cost	29	17	22	13	-5	69%	-24%
6.2.18	R&M Cost	88	47	38	43	9	-12%	-57%
6.2.19	Depreciation	177	186	140	0	0	-	-21%
6.2.20	ROCE	146	0	0	0	0	-	-100%
6.2.21	Others	-17	48	50	65	-2	-23%	-388%
<b>6.2.22</b>	<b>Cost of Service</b>	<b>4526</b>	<b>4378</b>	<b>6258</b>	<b>4869</b>	<b>-1880</b>	<b>29%</b>	<b>38%</b>
7.2.1	Capex Debt service (P+I)	0	178	178	154	0	16%	-
7.2.2	Opex Debt service (P+I)	0	2520	5719	1686	-3199	239%	-

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
<b>6.3.1</b>	<b>PP Cost</b>	<b>7105</b>	<b>19490</b>	<b>21445</b>	<b>22324</b>	<b>24017</b>	<b>6226</b>	<b>4519</b>	<b>-7%</b>	<b>15%</b>
6.3.2	State Thermal	-1261	9714	8831	10284	8566	-2714	2748	20%	6%
6.3.3	State Hydel	130	363	342	471	324	1	130	45%	30%
6.3.4	CGS	1638	2182	2999	3947	4856	690	727	-19%	81%
6.3.5	IPPs Gas	83	9	0	1	3	82	0	-67%	-89%
6.3.6	IPPs Thermal	1954	3146	2335	1940	2626	2349	218	-26%	-38%
6.3.7	VRE- Wind	1086	2263	2544	1238	3006	2392	573	-59%	-45%
6.3.8	VRE- Solar	671	1423	1761	857	1018	1575	123	-16%	-40%
6.3.9	Other-NCE	58	114	84	102	115	40	0	-11%	-10%
6.3.10	Market	2746	277	2513	3484	3503	1775	0	-1%	1159%
6.3.11	Other	0	0	37	0	0	37	0	-	-
<b>6.3.12</b>	<b>CTU Cost</b>	<b>26</b>	<b>722</b>	<b>854</b>	<b>813</b>	<b>909</b>	<b>67</b>	<b>0</b>	<b>-11%</b>	<b>13%</b>
<b>6.3.13</b>	<b>STU Cost</b>	<b>3182</b>	<b>2025</b>	<b>1557</b>	<b>1267</b>	<b>1288</b>	<b>3472</b>	<b>2030</b>	<b>-2%</b>	<b>-37%</b>
<b>6.3.14</b>	<b>Distribution Cost</b>	<b>0</b>	<b>5710</b>	<b>5133</b>	<b>4259</b>	<b>3338</b>	<b>874</b>	<b>0</b>	<b>28%</b>	<b>-25%</b>
6.3.15	O&M Cost	0	3875	3267	3282	2849	-15	0	15%	-15%
6.3.16	HR Cost	0	3171	2769	2788	2400	-19	0	16%	-12%
6.3.17	A&G Cost	0	175	132	138	128	-5	0	8%	-21%
6.3.18	R&M Cost	0	530	366	357	321	9	0	11%	-33%
6.3.19	Depreciation	0	1065	1097	479	0	0	0	-	-55%
6.3.20	ROCE	0	875	339	66	0	0	0	-	-92%
6.3.21	Others	0	-104	430	431	489	-2	0	-12%	-514%
<b>6.3.22</b>	<b>Cost of Service</b>	<b>10313</b>	<b>27948</b>	<b>28989</b>	<b>28663</b>	<b>29552</b>	<b>10639</b>	<b>6549</b>	<b>-3%</b>	<b>3%</b>
7.3.1	Capex Debt service (P+I)	0	0	1186	1186	899	0	0	32%	-
7.3.2	Opex Debt service (P+I)	0	0	13457	13569	7782	-112	0	74%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	524	662	0	0	1186
7.1.2	ERC disallowable-Opex Debt	5958	7499	0	0	13457
7.1.3	<b>Debt Servicing</b>	6482	8161	0	0	14643

### 7.2 Debt Servicing during the month (Rs Cr)

#	Item	ERC-BE	Due	Paid		Over Due	% ↑	% δ ERC
				CY	PY			
7.2.1	ERC allowed-Capex Debt	0	178	178	154	0	16%	-
7.2.2	ERC disallowable-Opex Debt	0	2520	5719	1686	-3199	239%	-
7.2.3	<b>Debt Servicing</b>	0	2698	5897	1840	-3199	220%	-

### 7.3 Debt Servicing YTD (Rs Cr)

#	Item	OB	ERC-BE	Due	Paid		CB – OD	OD>60days	% ↑	% δ ERC
					CY	PY				
7.3.1	ERC allowed-Capex Debt	0	0	1186	1186	899	0	0	32%	-
7.3.2	ERC disallowable-Opex Debt	0	0	13457	13569	7782	-112	0	74%	-
7.3.3	<b>Debt Servicing</b>	0	0	14643	14755	8681	-112	0	70%	-

### 7.4 Debt Outstanding (Rs Cr)

#	Item	Capex			Opex			Total		
		CB CY	CB PY	% ↑	CB CY	CB PY	% ↑	CB CY	CB PY	% ↑
7.4.1	REC	6568	6789	-3%	18316	19215	-5%	24884	26004	-4%
7.4.2	PFC	3221	3451	-7%	23938	19852	21%	27159	23303	17%
7.4.3	APPFCL	0	0	-	8774	8584	2%	8774	8584	2%
7.4.4	BANKS	1000	1104	-9%	1417	1609	-12%	2417	2713	-11%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2547	1990	28%	2547	1990	28%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	9	9	0%	0	0	-	9	9	0%
7.4.9	OTHERS	1808	1399	29%	2684	2902	-8%	4492	4301	4%
7.4.10	<b>Debt Outstanding</b>	<b>12606</b>	<b>12752</b>	<b>-1%</b>	<b>57676</b>	<b>54152</b>	<b>7%</b>	<b>70282</b>	<b>66904</b>	<b>5%</b>

## Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) * 100}{\text{Value in Last Year for given Category}}$
Apr-April, May-May, Jun-June, Jul-July, Aug-August, Sep-September, Oct- October, Nov- November, Dec- December, Jan- January, Feb- February, Mar- March	
FY	Financial Year Ending with March
Mth	Month
YTD	Year to Date
MU	Million Units (10 <sup>6</sup> Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 <sup>3</sup> V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) * 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 <sup>3</sup> Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Financial Year
CY	Current Financial Year
Tariff Categories	
Category segregation for previous years are considered as per the categories mentioned in recent APERC Retail Supply Tariff Order irrespective of categories at that period and the sub categories are mentioned as below.	
0-30	LT Domestic Consumers with consumption < 30units in the month
31-75	LT Domestic Consumers with consumption > 30 units and <=75 units in the month
76-125	LT Domestic Consumers with consumption > 75 units and <=125 units in the month
126-225	LT Domestic Consumers with consumption > 125 units and <=225 units in the month
226-400	LT Domestic Consumers with consumption > 225 units and <=400 units in the month
>400	LT Domestic Consumers with consumption > 400units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)- Minor (<50kWh), Major (>50kWh), Advertising Hoardings, Function Halls/ Auditorium, Startup Power, Electric Vehicles/Charging Stations
LT-3	Industrial (LT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Seasonal Industries, Cottage Industries (<10HP)
LT-4	Institutional (LT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places
LT-5	Agriculture (LT)- Corporate Farming, Non-Corporate Farming, Salt Farming, Horticulture, Flora Culture, Sugarcane Crushing, Aqua Culture and Animal Husbandry, Agro based Cottage Industries
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)- Townships, Colonies, Gated Communities and Villas
HT-2	Commercial (HT)- Major, Function Halls/ Auditoriums, Startup power, Electric Vehicles/ Charging Stations, Green Power
HT-3	Industrial (HT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Industrial Colonies, Seasonal Industries, Energy Intensive Industries

HT-4	Institutional (HT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places, Electric Traction
HT-5	Agriculture (HT)-Aqua Culture and Animal Husbandry, Government/Private Lift irrigation
Rescos	Rural Electric Supply Cooperative Societies
Temporary Supply	There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed at the rate and other conditions specified in this order.
Categories not defined in either HT-Supply or LT-Supply shall be billed at the rates specified in Category - II (A) (ii) Commercial – Major Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)
IPPs	Independent Power Producers (Private Thermal- Coal)
VRE	Variable Renewable Energy
RE-Others	RE other than Wind and Solar
Markets	Power Procured from Exchanges and Open Markets
Others	Power procured from any other means other than markets
FC	Fixed Cost
VC	Variable Cost
CTU Cost	B=Expenditure for using Central Transmission Network for Transmission of Power
STU Cost	A=Expenditure for using State Transmission Network for Transmission of Power
Distribution Cost	C=Expenditure incurred to Discoms for wheeling of Energy through its Network (D+H+I+J)
O&M Cost	D=Operation and Maintenance Cost (E+F+G)
HR Cost	E=Human Resource Cost
A&G Cost	F=Admin and General Cost
R&M Cost	G=Repairs and Maintenance
Depreciation	H=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
ROCE	I=Return on Capital Employed
Others	J=Expenditure for Discoms other than O&M, Depreciation and ROCE
Cost of Service	Power Purchase Cost + CTU Cost + STU Cost+ Distribution Cost
Capex Debt service (P+I)	Expenditure incurred for Capex Debt (Principal + Interest)
Opex Debt service (P+I)	Expenditure incurred for Opex Debt (Principal +Interest)
Receivables Categories	
Subsidy	Receivable from Government Collected for Subsidy Sales
Agriculture Subsidy	Subsidy given for Agriculture Consumption
Aquaculture Subsidy	Subsidy given for Aquaculture Consumption
SC Colonies Subsidy	Subsidy given for SC Colonies Consumption
ST Thandas Subsidy	Subsidy given for ST Colonies Consumption
Other Subsidy	Subsidy given for any other Consumption
Govt Agencies	Receivable from Government Utilities
Panchayats	Receivable from Panchayats
WR Dept	Water Resources Department
ULB	Urban Local Bodies
Other Govt Dept	Receivables from other Gov Agencies
Govt serviced debt	Debt in books of the Discoms but servicing is being met by releases from Govt due to commitments in Uday or APPFCL loans
UDAY Receivables	Ujjwal DISCOM Assurance Yojana-Financial turnaround and revival package for electricity distribution companies of India initiated by the Government of India
Private Customers Receivables	Receivables Collected from Sales Consumed by Private users
Total	Total receivables
Opex Loans	Receivables as part of Opex Loans
Capex Loans	Receivables as part of Capex Loans
REC	Loans taken from Rural Electrification Corporation Limited

PFC	Loans taken from Power Finance Corporation Ltd.
APPFCL	Loans taken from Andhra Pradesh Power Finance Corporation Limited
BANKS	Loans taken from banks
IREDA	Loans taken from Indian Renewable Energy Development Agency Limited
ICD	Loans taken from Interest on Consumer Deposit
PTC	Loans taken from Power Trading Corporation of India Limited
GOAP	Loans taken from Government of Andhra Pradesh
OTHERS	Loans taken from any other sources

Note:

1. Sales related data (Rs Cr) is obtained on Billing basis provided by Distribution licensees of Andhra Pradesh
2. Billing Cycle: CPDCL - 1-15 of Every Month; EPDCL - 4-21 of Every Month; SPDCL - 1-12 of Every Month
3. CTU Cost is obtained on Billing basis
4. CTU charges are being charged on GNA from October-2023

## Glossary

### 1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.9	AgI Consumption	Refer 3.1.9
3.1.19	Discom Sales	<b>D</b> =Refer 3.1.19
1.02	Private Sales	Sales against Pvt connections
1.03	Government Sales	Sales against Govt connections
1.04	Government Subsidy	Sales against Subsidy connections
Collection (Rs Cr)		
1.05	Opening Debtors	<b>G</b> = Opening debtors for sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debtors). Unbilled Revenue shall not be considered as Debtors
5.2.14	Pvt Sales	Refer 5.2.14
5.2.7	Gov Sales	Refer 5.2.7
5.2.1	Gov Subsidy	Refer 5.2.1
1.06	Others	Collections from any other category provided above
3.3.19	Discom Collections	Refer 3.3.19
1.07	Metered Sales	Collections from Metered Sales
3.3.10	AgI Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	<b>E</b> = Revenue from Sale of Energy to all categories of consumers (including Subsidy Booked) but excluding Revenue from Energy Traded /Inter-State Sales.
1.09	Adj Revenue from Sale	<b>F</b> = Revenue from Sale of Energy (same as E above) minus Subsidy Booked plus Subsidy Received against subsidy booked during the year
1.10	Closing Debtors	<b>H</b> = i) Closing debtors for Sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debts). Unbilled Revenue shall not be considered as Debtors ii) Any amount written off during the year directly from(i)
1.11	Adj Closing Debtors	<b>I</b> =H(i+ii)
Key Performance Indicators		
3.5.19	ARR	Refer 3.5.19
3.6.19	AMC	Refer 3.6.19
3.7.19	ACPB	Refer 3.7.19

### 2. Purchases

Power Purchase		
3.1.19	Discom Sales	<b>D</b> =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	<b>C</b> =Input at Discom Periphery
4.10.4	Transmission Loss	<b>B</b> = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	<b>A</b> =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.03	STU	Contracted Capacity of State Transmission Utility
2.04	CTU	Contracted Capacity of Contracted Transmission Utility
2.05	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.06	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.07	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)} \times 100}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
Network Cost (Rs Cr)		
2.09	STU Cost	<b>a</b> =Expenditure for using State Transmission Network for Transmission of Power
2.10	CTU Cost	<b>b</b> =Expenditure for using Central Transmission Network for Transmission of Power
2.11	Distribution Network Cost	<b>c</b> =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.12	O&M Cost	<b>d</b> =Operation and Maintenance Cost (e+f+g)

2.13	HR Cost	e=Human Resource Cost
2.14	A&G Cost	f=Admin and General Cost
2.15	R & M Cost	g=Repairs and Maintenance
2.16	Depreciation	h=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.17	ROCE	i=Return on Capital Employed
2.18	Others	j=Any other Cost
<b>Cost of Service (Rs Cr)</b>		
2.19	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
<b>KPIs on Purchase basis</b>		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.20	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.21	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.22	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.23	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
<b>KPIs on Sales basis</b>		
2.24	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.28	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.29	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
<b>AT&amp;C Losses</b>		
2.30	Collection $\eta$	$J=(F+G-I)/E \times 100$
2.31	Units Realized	$K=D \times J/100$
2.32	Units Unrealized	$L=C-K$
2.33	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} = L/(\text{Discom Input}) \times 100$
<b>ARR-ACS GAP</b>		
2.34	GAP	=ARR-ACS

### 3. Sales by Categories

3.1 Energy Sales by Category (MU) – Consumption Recorded during the Month segregated by Consumer Category

3.2 Energy Sales by Voltage (MU) – Consumption Recorded during the Month segregated by Voltage

3.3 Collection by Category (Rs Cr) – Collection Received during the Month segregated by Consumer Category

3.4 Bills by Category (Rs Cr)- Bills Generated during the Month segregated by Consumer Category

3.5 Average Revenue Realized by Category (Rs/kWh) =  $\frac{\text{Consumption During in the Month(Rs.Cr)} \times 10}{\text{Revenue Collected in the Month (MU)}}$

3.6 Average Monthly Consumption by Category (kWh/bill/Mth) =  $\frac{\text{Consumption During in the Month(Rs.Cr)} \times 10^6}{\text{Bills generated in the Month (MU)}}$

3.7 Average Collection per bill by Category (Rs/bill/Mth) =  $\frac{\text{Revenue Collected in the Month (MU)} \times 10^7}{\text{Total Number of bills Generated in a Month (Nos)}}$

### 4. Expenditure by Category

4.1 Energy Purchased by Source (MU) – Energy Purchased during the Month segregated by Source

4.2 Power Purchase Cost by Source (Rs Cr) – Expenditure Incurred for Energy Purchase during the month segregated by Source

4.3 Fixed Cost by Source (Rs Cr)- Expenditure Incurred towards Fixed Cost in Energy Purchase during the month segregated by Source

4.4 Variable Cost by Source (Rs Cr) - Expenditure Incurred towards Variable Cost in Energy Purchase during the month segregated by Source

4.5 Average Energy Cost per Unit by Source (Rs/kWh) =  $\frac{\text{Power Purchase Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the Month(MU)}}$

4.6 Fixed Cost per Unit by Source (Rs/kWh) =  $\frac{\text{Fixed Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the month(MU)}}$

4.7 Variable Cost per Unit by Source (Rs/kWh) =  $\frac{\text{Variable Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the month(MU)}}$

4.8 Power Purchase Cost by Voltage Level on Sales basis (Rs Cr) =  $\frac{\text{Power Purchase Cost(Rs. Cr)*Discom Sales at Specified Voltage(MU)}}{\text{Discom Sales(MU)}}$

4.9 Cost of Service by Voltage Level on Sales basis (Rs Cr) =  $\frac{\text{Cost of Service(Rs. Cr)*Discom Sales at Specified Voltage(MU)}}{\text{Discom Sales(MU)}}$

4.10 Losses by Voltage (MU) = Transmission & Distribution losses on Voltage basis

4.11 Cost of Service by Voltage Level on Purchase Basis (Rs Cr) =  $\frac{\text{Cost of Service(Rs. Cr)*Energy Purchased against sales against specified Voltage (MU)}}{\text{Energy Purchased(MU)}}$

4.12 Average Cost of Service by Voltage Level (Rs/kWh) =  $\frac{\text{Cost of Service by voltage level at specified voltage (Rs. Cr)}}{\text{Sales at Same Voltage Level(MU)}}$

## 5. Receivables

5.1 Income Estimates (Rs Cr)- Actuals till reporting month and Estimates for rest of the period

5.2 Receivables during Month (Rs Cr)- Receivables for given Category in Current Month

5.3 Receivables YTD (Rs Cr)- Receivables for given Category in Current financial year (May-Mar)

## 6. Payables

6.1 Expenditure for FY22 (Rs Cr)- Actuals till reporting month and Estimates for rest of the period

6.2 Receivables during Month (Rs Cr)- Payments made during the period

6.3 Receivables YTD (Rs Cr)- Payables made during given period

## 7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)- Actuals till reporting month and Estimates for rest of the period

7.2 Debt Servicing during the month (Rs Cr)- Payments made during the period

7.3 Debt Servicing YTD (Rs Cr)- Payments made during the period

7.4 Debt Outstanding (Rs Cr)- Debt Outstanding as on last day of month for current year and 31<sup>st</sup> March for previous Year