

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

Prepared by- Strategic Planning Unit

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1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Energy (MU)								
1.01	Metered Sales	MU	4901 (83%)	4983 (83%)	-2%	35087 (83%)	35171 (82%)	0%
3.1.12	Agl Consumption	MU	978 (17%)	1053 (17%)	-7%	7349 (17%)	7942 (18%)	-7%
3.1.22	Discom Sales	MU	5879	6036	-3%	42436	43113	-2%
1.02	Private Sales	MU	3756 (64%)	3936 (65%)	-5%	27940 (66%)	28152 (65%)	-1%
1.03	Government Sales	MU	720 (12%)	761 (13%)	-5%	4098 (10%)	4075 (9%)	1%
1.04	Government Subsidy	MU	1403 (24%)	1338 (22%)	5%	10398 (25%)	10886 (25%)	-4%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	17882	17528	2%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3001	3384	-11%	22793	24082	-5%
5.2.7	Gov Sales	Rs Cr	165	197	-16%	1441	1623	-11%
5.2.1	Gov Subsidy	Rs Cr	1350	0	-	8129	6028	35%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	4516	3580	26%	32363	31733	2%
1.07	Metered Sales	Rs Cr	3267	3577	-9%	25139	26242	-4%
3.3.12	Agl Consumption	Rs Cr	1250	4	-	7224	5497	24%
1.08	Revenue from Sale	Rs Cr	5001	4555	10%	34682	31759	9%
1.09	Adj Revenue from Sale	Rs Cr	4651	5135	-9%	35213	31212	13%
1.10	Closing Debtors	Rs Cr	18321	18119	1%	18321	18119	1%
1.11	Adj Closing Debtors	Rs Cr	18321	18119	1%	18321	18119	1%
KPIs								
3.5.22	ARR	Rs/kWh	7.68	5.93	30%	7.63	7.36	4%
3.6.22	AMC	kWh/bill/Mth	296	312	-5%	305	319	-4%
3.7.22	ACPB	Rs/bill/Mth	2276	1852	23%	2329	2345	-1%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5879 (93%)	6036 (84%)	-3%	42436 (91%)	43113 (88%)	-2%
2.01	Discom Losses	MU	488 (8%)	559 (8%)	-13%	3385 (7%)	3302 (7%)	2%
2.02	Discom Input	MU	6307 (100%)	6688 (93%)	-3%	44970 (97%)	46133 (94%)	-1%
4.10.4	Transmission Loss	MU	159 (3%)	192 (3%)	-17%	1190 (3%)	1266 (3%)	-6%
4.1.11	Discom Purchases	MU	6292	7185	-12%	46523	48968	-5%
4.2.11	Power Purchase Cost	Rs. Cr	3062 (73%)	4232 (74%)	-28%	24508 (74%)	26911 (76%)	-9%
Contracted Network Capacity (MW)								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	4199	0%	4199	4199	0%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.8	1.9	-5%	1.8	1.9	-9%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.2	2.7	19%	3.4	3.0	11%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	7.9	8.2	-4%	8.7	5.8	50%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	263 (6%)	281 (5%)	-6%	1820 (5%)	2038 (6%)	-11%
2.10	CTU Cost	Rs Cr	134 (3%)	115 (2%)	17%	988 (3%)	891 (3%)	11%
2.11	Distribution Network Cost	Rs Cr	759 (18%)	1127 (20%)	-33%	5905 (18%)	5627 (16%)	5%
2.12	O&M Cost	Rs Cr	516	824	-37%	3784	3575	6%
2.13	HR Cost	Rs Cr	434	684	-37%	3203	3018	6%
2.14	A&G Cost	Rs Cr	24	29	-16%	157	131	20%
2.15	R & M Cost	Rs Cr	58	111	-48%	424	427	-1%
2.16	Depreciation	Rs Cr	184	162	14%	1281	1078	19%
2.17	ROCE	Rs Cr	13	65	-80%	365	385	-5%
2.18	Others	Rs Cr	45	77	-41%	475	589	-19%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	4218	5754	-27%	33221	35468	-6%
7.2.2	ERC Disallowed Debt	Rs Cr	2979	2251	32%	16548	10033	65%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.87	5.89	-17%	5.27	5.50	-4%
2.20	STU Cost per Unit	Rs/kWh	0.42	0.39	7%	0.39	0.42	-6%
2.21	CTU Cost per Unit	Rs/kWh	0.21	0.16	34%	0.21	0.18	17%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.64	4.85	-66%	5.40	5.52	-2%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.21	1.57	-23%	1.27	1.15	10%
2.23	Cost of Service per Unit	Rs/kWh	6.70	8.01	-16%	7.14	7.24	-1%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.21	7.01	-26%	5.78	6.24	-7%
2.25	STU Cost per Unit	Rs/kWh	0.45	0.61	-26%	0.43	0.47	-9%
2.26	CTU Cost per Unit	Rs/kWh	0.23	0.19	20%	0.23	0.21	13%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.29	1.87	-31%	1.39	1.31	7%

2.28	ACS	Rs/kWh	7.17	9.53	-25%		7.83	8.23	-5%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	5.07	3.73	36%		3.90	2.33	68%
AT&C Losses									
2.30	Collection η	%	84%	100%	-16%		100%	91%	10%
2.31	Units Realized	MU	4902	6114	-20%		41754	38936	7%
2.32	Units Unrealized	MU	1405	573	145%		3215	7196	-55%
2.33	AT&C Losses	%	22%	9%	160%		7%	16%	-54%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	0.51	-3.60	114%		-0.20	-0.86	77%

*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	26 (0%)	30 (0%)	-15%	187 (0%)	223 (1%)	-16%
3.1.2	31-75	196 (3%)	197 (3%)	-1%	1307 (3%)	1350 (3%)	-3%
3.1.3	76-125	369 (6%)	366 (6%)	1%	2444 (6%)	2428 (6%)	1%
3.1.4	126-225	556 (9%)	539 (9%)	3%	3827 (9%)	3577 (8%)	7%
3.1.5	226-400	334 (6%)	317 (5%)	6%	2850 (7%)	2543 (6%)	12%
3.1.6	>400	158 (3%)	158 (3%)	0%	1891 (4%)	1851 (4%)	2%
3.1.7	LT-1	1638 (28%)	1607 (27%)	2%	12507 (29%)	11972 (28%)	4%
3.1.8	LT-2	339 (6%)	325 (5%)	4%	2497 (6%)	2354 (5%)	6%
3.1.9	LT-3	113 (2%)	116 (2%)	-3%	845 (2%)	878 (2%)	-4%
3.1.10	LT-4	135 (2%)	136 (2%)	-1%	956 (2%)	955 (2%)	0%
3.1.11	LT-5	1292 (22%)	1368 (23%)	-6%	9589 (23%)	10181 (24%)	-6%
3.1.12	LT-5 A (ii)	978 (17%)	1053 (17%)	-7%	7349 (17%)	7942 (18%)	-7%
3.1.13	LT-5 excluding A(ii)	314 (5%)	314 (5%)	0%	2241 (5%)	2239 (5%)	0%
3.1.14	LT	3517 (60%)	3552 (59%)	-1%	26394 (62%)	26341 (61%)	0%
3.1.15	HT-1	7 (0%)	6 (0%)	15%	52 (0%)	47 (0%)	12%
3.1.16	HT-2	194 (3%)	180 (3%)	8%	1368 (3%)	1311 (3%)	4%
3.1.17	HT-3	1640 (28%)	1767 (29%)	-7%	11934 (28%)	12760 (30%)	-6%
3.1.18	HT-4	258 (4%)	259 (4%)	-1%	1854 (4%)	1770 (4%)	5%
3.1.19	HT-5	208 (4%)	237 (4%)	-12%	503 (1%)	592 (1%)	-15%
3.1.20	Rescos	56 (1%)	35 (1%)	58%	330 (1%)	292 (1%)	13%
3.1.21	HT	2362 (40%)	2484 (41%)	-5%	16042 (38%)	16772 (39%)	-4%
3.1.22	Discom Sales	5879	6036	-3%	42436	43113	-2%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3517	3552	-1%	26394	26341	0%
3.2.1	11KV	530	522	2%	3796	3754	1%
3.2.2	33KV	605	604	0%	4247	4219	1%
3.2.3	EHT	1226	1358	-10%	7998	8825	-9%
3.1.22	Discom Sales	5879	6036	-3%	42436	43113	-2%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	29 (1%)	30 (1%)	-2%	196 (1%)	190 (1%)	3%
3.3.2	31-75	73 (2%)	73 (2%)	-1%	476 (1%)	482 (2%)	-1%
3.3.3	76-125	143 (3%)	146 (4%)	-2%	926 (3%)	930 (3%)	0%
3.3.4	126-225	258 (6%)	259 (7%)	-1%	1761 (5%)	1644 (5%)	7%
3.3.5	226-400	212 (5%)	224 (6%)	-6%	1756 (5%)	1618 (5%)	8%
3.3.6	>400	133 (3%)	170 (5%)	-22%	1410 (4%)	1585 (5%)	-11%
3.3.7	LT-1	847 (19%)	901 (25%)	-6%	6525 (20%)	6449 (20%)	1%
3.3.8	LT-2	417 (9%)	415 (12%)	1%	3011 (9%)	2883 (9%)	4%
3.3.9	LT-3	115 (3%)	128 (4%)	-10%	863 (3%)	928 (3%)	-7%
3.3.10	LT-4	16 (0%)	27 (1%)	-39%	212 (1%)	524 (2%)	-60%
3.3.11	LT-5	1428 (32%)	129 (4%)	1009%	8606 (27%)	6780 (21%)	27%
3.3.12	LT-5 A (ii)	1250 (28%)	4 (0%)	-	7224 (22%)	5497 (17%)	31%
3.3.13	LT-5 excluding A(ii)	178 (4%)	125 (3%)	42%	1382 (4%)	1283 (4%)	8%
3.3.14	LT	2824 (63%)	1601 (45%)	76%	19217 (59%)	17564 (55%)	9%
3.3.15	HT-1	5 (0%)	5 (0%)	2%	43 (0%)	38 (0%)	12%
3.3.16	HT-2	221 (5%)	232 (6%)	-5%	1730 (5%)	1589 (5%)	9%
3.3.17	HT-3	1267 (28%)	1536 (43%)	-18%	9865 (30%)	11114 (35%)	-11%

3.3.18	HT-4	196 (4%)	186 (5%)	6%	1457 (5%)	1341 (4%)	9%
3.3.19	HT-5	3 (0%)	19 (1%)	-84%	39 (0%)	82 (0%)	-52%
3.3.20	Rescos	2 (0%)	1 (0%)	22%	13 (0%)	12 (0%)	11%
3.3.21	HT	1694 (37%)	1980 (55%)	-14%	13146 (41%)	14175 (45%)	-7%
3.3.22	Discom Collections	4518	3581	26%	32363	31739	2%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	3,259,780(16%)	3,118,706(16%)	5%	3,259,780(16%)	3,118,706(16%)	5%
3.4.2	31-75	3,668,603(18%)	3,682,324(19%)	0%	3,668,603(18%)	3,682,324(19%)	0%
3.4.3	76-125	3,726,320(19%)	3,697,044(19%)	1%	3,726,320(19%)	3,697,044(19%)	1%
3.4.4	126-225	3,398,644(17%)	3,305,135(17%)	3%	3,398,644(17%)	3,305,135(17%)	3%
3.4.5	226-400	1,178,642(6%)	1,111,360(6%)	6%	1,178,642(6%)	1,111,360(6%)	6%
3.4.6	>400	349,446(2%)	253,637(1%)	38%	349,446(2%)	253,637(1%)	38%
3.4.7	LT-1	15,581,435(78%)	15,168,206(78%)	3%	15,581,435(78%)	15,168,206(78%)	3%
3.4.8	LT-2	1,777,754(9%)	1,710,055(9%)	4%	1,777,754(9%)	1,710,055(9%)	4%
3.4.9	LT-3	81,005(0%)	80,938(0%)	0%	81,005(0%)	80,938(0%)	0%
3.4.10	LT-4	373,890(2%)	364,411(2%)	3%	373,890(2%)	364,411(2%)	3%
3.4.11	LT-5	2,023,951(10%)	1,996,268(10%)	1%	2,023,951(10%)	1,996,268(10%)	1%
3.4.12	LT-5 A (ii)	1,938,811(10%)	1,890,323(10%)	3%	1,938,811(10%)	1,890,323(10%)	3%
3.4.13	LT-5 excluding A(ii)	85,140(0%)	105,945(1%)	-20%	85,140(0%)	105,945(1%)	-20%
3.4.14	LT	19,838,035(100%)	19,319,878(100%)	3%	19,838,035(100%)	19,319,878(100%)	3%
3.4.15	HT-1	135(0%)	127(0%)	6%	135(0%)	127(0%)	6%
3.4.16	HT-2	5,637(0%)	5,197(0%)	8%	5,637(0%)	5,197(0%)	8%
3.4.17	HT-3	6,875(0%)	6,719(0%)	2%	6,875(0%)	6,719(0%)	2%
3.4.18	HT-4	873(0%)	878(0%)	-1%	873(0%)	878(0%)	-1%
3.4.19	HT-5	725(0%)	726(0%)	0%	725(0%)	726(0%)	0%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,246(0%)	13,648(0%)	4%	14,246(0%)	13,648(0%)	4%
3.4.22	Discom Bills	19,852,281	19,333,526	3%	19,852,281	19,333,526	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	11.30	9.83	15%	10.43	8.50	23%
3.5.2	31-75	3.70	3.70	0%	3.64	3.57	2%
3.5.3	76-125	3.89	3.98	-2%	3.79	3.83	-1%
3.5.4	126-225	4.64	4.81	-4%	4.60	4.60	0%
3.5.5	226-400	6.33	7.08	-11%	6.16	6.36	-3%
3.5.6	>400	8.42	10.76	-22%	7.46	8.57	-13%
3.5.7	LT-1	5.17	5.61	-8%	5.22	5.39	-3%
3.5.8	LT-2	12.30	12.78	-4%	12.06	12.25	-2%
3.5.9	LT-3	10.19	11.08	-8%	10.21	10.57	-3%
3.5.10	LT-4	1.22	1.99	-39%	2.21	5.48	-60%
3.5.11	LT-5	11.05	0.94	1074%	8.97	6.66	35%
3.5.12	LT-5 A (ii)	12.79	0.04	-	9.83	6.92	42%
3.5.13	LT-5 excluding A(ii)	5.65	3.97	42%	6.17	5.73	8%
3.5.14	LT	8.03	4.51	78%	7.28	6.67	9%
3.5.15	HT-1	7.40	8.39	-12%	8.13	8.12	0%
3.5.16	HT-2	11.41	12.93	-12%	12.64	12.12	4%
3.5.17	HT-3	7.72	8.70	-11%	8.27	8.71	-5%
3.5.18	HT-4	7.59	7.16	6%	7.86	7.57	4%
3.5.19	HT-5	0.15	0.79	-82%	0.78	1.38	-44%
3.5.20	Rescos	0.31	0.40	-23%	0.39	0.40	-2%
3.5.21	HT	7.17	7.97	-10%	8.19	8.45	-3%
3.5.22	ARR	7.68	5.93	30%	7.63	7.36	4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	8	10	-18%	8	10	-20%
3.6.2	31-75	53	54	0%	51	52	-3%
3.6.3	76-125	99	99	0%	94	94	0%
3.6.4	126-225	163	163	0%	161	155	4%
3.6.5	226-400	284	285	0%	345	327	6%
3.6.6	>400	451	622	-27%	773	1042	-26%
3.6.7	LT-1	105	106	-1%	115	113	2%
3.6.8	LT-2	191	190	0%	201	197	2%
3.6.9	LT-3	1394	1433	-3%	1491	1550	-4%
3.6.10	LT-4	361	374	-4%	365	374	-2%
3.6.11	LT-5	638	685	-7%	677	729	-7%
3.6.12	LT-5 A (ii)	504	557	-9%	541	600	-10%
3.6.13	LT-5 excluding A(ii)	3691	2967	24%	3759	3019	25%
3.6.14	LT	177	184	-4%	190	195	-2%
3.6.15	HT-1	54074	49843	8%	55450	52610	5%
3.6.16	HT-2	34327	34574	-1%	34680	36031	-4%
3.6.17	HT-3	238508	262965	-9%	247969	271293	-9%
3.6.18	HT-4	295556	295501	0%	303436	288029	5%
3.6.19	HT-5	286221	325964	-12%	99133	116491	-15%
3.6.20	Rescos	55660000	35120000	58%	47178571	41785215	13%
3.6.21	HT	165782	182011	-9%	160867	175557	-8%
3.6.22	AMC	296	312	-5%	305	319	-4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	89	95	-6%	86	87	-1%
3.7.2	31-75	198	198	0%	185	187	-1%
3.7.3	76-125	385	394	-2%	355	359	-1%
3.7.4	126-225	759	785	-3%	740	711	4%
3.7.5	226-400	1795	2017	-11%	2128	2080	2%
3.7.6	>400	3800	6690	-43%	5765	8929	-35%
3.7.7	LT-1	544	594	-9%	598	607	-2%
3.7.8	LT-2	2346	2427	-3%	2419	2409	0%
3.7.9	LT-3	14213	15873	-10%	15218	16381	-7%
3.7.10	LT-4	441	744	-41%	808	2053	-61%
3.7.11	LT-5	7056	645	994%	6074	4852	25%
3.7.12	LT-5 A (ii)	6449	21	-	5323	4154	28%
3.7.13	LT-5 excluding A(ii)	20862	11777	77%	23191	17294	34%
3.7.14	LT	1424	829	72%	1384	1299	7%
3.7.15	HT-1	400000	418110	-4%	450915	426982	6%
3.7.16	HT-2	391804	446892	-12%	438403	436868	0%
3.7.17	HT-3	1842298	2286650	-19%	2049788	2362956	-13%
3.7.18	HT-4	2244444	2114351	6%	2384283	2181191	9%
3.7.19	HT-5	41931	259091	-84%	77096	161268	-52%
3.7.20	Rescos	17100000	14000000	22%	18479087	16700372	11%
3.7.21	HT	1188776	1450623	-18%	1318285	1483749	-11%
3.7.22	ACPB	2276	1852	23%	2329	2345	-1%

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	2643 (42%)	2322 (32%)	14%	2438 (38%)	8%	17902 (38%)	17122 (35%)	5%	20282 (42%)	-12%
4.1.2	State Hydel	644 (10%)	197 (3%)	227%	677 (10%)	-5%	2526 (5%)	1208 (2%)	109%	2501 (5%)	1%
4.1.3	CGS	817 (13%)	1036 (14%)	-21%	862 (13%)	-5%	6362 (14%)	6811 (14%)	-7%	6017 (12%)	6%
4.1.4	Gas	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	0 (0%)	- 100%	0 (0%)	-
4.1.5	IPPs	912 (14%)	1115 (16%)	-18%	1197 (18%)	-24%	5696 (12%)	6733 (14%)	-15%	8469 (18%)	-33%
4.1.6	VRE-Wind	185 (3%)	291 (4%)	-36%	231 (4%)	-20%	5594 (12%)	5849 (12%)	-4%	5046 (10%)	11%
4.1.7	VRE-Solar	592 (9%)	629 (9%)	-6%	1066 (16%)	-44%	4397 (9%)	4021 (8%)	9%	4791 (10%)	-8%
4.1.8	RE-Others	23 (0%)	23 (0%)	3%	30 (0%)	-21%	167 (0%)	150 (0%)	12%	205 (0%)	-18%
4.1.9	Markets	475 (8%)	1571 (22%)	-70%	0 (0%)	-	3851 (8%)	6692 (14%)	-42%	1037 (2%)	272%
4.1.10	Others*	0 (0%)	0 (0%)	-	0 (0%)	-	27 (0%)	383 (1%)	-93%	0 (0%)	-
4.1.11	Discom Purchases	6292	7185	-12%	6501	-3%	46523	48968	-5%	48348	-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	1466 (48%)	1475 (35%)	-1%	1384 (48%)	6%	10297 (42%)	9661 (36%)	7%	11098 (50%)	-7%
4.2.2	State Hydel	51 (2%)	54 (1%)	-5%	60 (2%)	-16%	392 (2%)	375 (1%)	5%	423 (2%)	-7%
4.2.3	CGS	434 (14%)	503 (12%)	-14%	362 (13%)	20%	3433 (14%)	3760 (14%)	-9%	2544 (11%)	35%
4.2.4	Gas	1 (0%)	0 (0%)	-	2 (0%)	-41%	1 (0%)	0 (0%)	-	11 (0%)	-92%
4.2.5	IPPs	475 (16%)	495 (12%)	-4%	515 (18%)	-8%	2810 (11%)	3063 (11%)	-8%	3661 (16%)	-23%
4.2.6	VRE-Wind	80 (3%)	134 (3%)	-40%	108 (4%)	-27%	2624 (11%)	2765 (10%)	-5%	2372 (11%)	11%
4.2.7	VRE-Solar	262 (9%)	275 (7%)	-5%	407 (14%)	-36%	2023 (8%)	1813 (7%)	12%	1830 (8%)	11%
4.2.8	RE-Others	12 (0%)	13 (0%)	-7%	19 (1%)	-37%	96 (0%)	91 (0%)	6%	133 (1%)	-28%
4.2.9	Markets	282 (9%)	1283 (30%)	-78%	0 (0%)	-	2795 (11%)	5219 (19%)	-46%	277 (1%)	910%
4.2.10	Others*	0 (0%)	1 (0%)	- 100%	0 (0%)	-	37 (0%)	163 (1%)	-77%	0 (0%)	-
4.2.11	Power Purchase Cost	3062	4232	-28%	2858	7%	24508	26911	-9%	22349	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	401	258	56%	521	-23%	2721	1965	38%	3645	-25%
4.3.2	State Hydel	51	54	-5%	60	-16%	392	375	5%	423	-7%
4.3.3	CGS	124	150	-17%	80	56%	857	880	-3%	559	53%
4.3.4	Gas	1	0	-	2	-41%	1	0	-	11	-92%
4.3.5	IPPs	187	163	15%	181	3%	996	1030	-3%	1270	-22%
4.3.6	Others*	0	1	-100%	0	-	7	9	-21%	0	-
4.3.7	Fixed Cost	765	624	23%	844	-9%	4974	4259	17%	5907	-16%

*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	1064	1218	-13%	864	23%	7576	7696	-2%	7454	2%
4.4.2	CGS	310	353	-12%	282	10%	2576	2880	-11%	1985	30%
4.4.3	Gas	0	0	-	0	-	0	0	-	0	-
4.4.4	IPPs	287	332	-14%	333	-14%	1814	2034	-11%	2391	-24%
4.4.5	VRE-Wind	80	134	-40%	108	-27%	2624	2765	-5%	2372	11%
4.4.6	VRE-Solar	262	275	-5%	407	-36%	2023	1813	12%	1830	11%
4.4.7	RE-Others	12	12	-3%	18	-33%	93	87	6%	126	-26%
4.4.8	Markets	282	1282	-78%	0	-	2795	5218	-46%	277	910%
4.4.9	Others*	0	0	-	0	-	30	154	-80%	0	-
4.4.10	Variable Cost	2297	3606	-36%	2013	14%	19530	22647	-14%	16434	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	5.55	6.35	-13%	5.68	-2%	5.75	5.64	2%	5.47	5%
4.5.2	State Hydrel	0.79	2.72	-71%	0.89	-12%	1.55	3.11	-50%	1.69	-8%
4.5.3	CGS	5.32	4.85	10%	4.20	26%	5.40	5.52	-2%	4.23	28%
4.5.4	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.5.5	IPPs	5.20	4.44	17%	4.30	21%	4.93	4.55	8%	4.32	14%
4.5.6	VRE-Wind	4.31	4.59	-6%	4.70	-8%	4.69	4.73	-1%	4.70	0%
4.5.7	VRE-Solar	4.42	4.37	1%	3.82	16%	4.60	4.51	2%	3.82	20%
4.5.8	RE-Others	5.17	5.71	-9%	6.47	-20%	5.75	6.09	-6%	6.48	-11%
4.5.9	Markets	5.94	8.17	-27%	0.00	-	7.26	7.80	-7%	2.67	172%
4.5.10	Others*	0.00	0.00	-	0.00	-	13.65	4.24	222%	0.00	-
4.5.11	Weighted Average	4.87	5.89	-17%	4.40	11%	5.27	5.50	-4%	4.62	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	1.52	1.11	37%	2.14	-29%	1.52	1.15	32%	1.80	-15%
4.6.2	State Hydrel	0.79	2.72	-71%	0.89	-12%	1.55	3.11	-50%	1.69	-8%
4.6.3	CGS	1.52	1.44	6%	0.93	64%	1.35	1.29	4%	0.93	45%
4.6.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.6.5	IPPs	2.06	1.46	41%	1.52	36%	1.75	1.53	14%	1.50	17%
4.6.6	Others*	0.00	0.00	-	0.00	-	2.61	0.23	1014%	0.00	-
4.6.7	Average FC	1.22	0.87	40%	1.30	-6%	1.07	0.87	23%	1.22	-13%

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	4.03	5.24	-23%	3.54	14%	4.23	4.49	-6%	3.68	15%
4.7.2	CGS	3.79	3.41	11%	3.28	16%	4.05	4.23	-4%	3.30	23%
4.7.3	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.7.4	IPPs	3.15	2.98	6%	2.78	13%	3.18	3.02	5%	2.82	13%
4.7.5	VRE-Wind	4.31	4.59	-6%	4.70	-8%	4.69	4.73	-1%	4.70	0%
4.7.6	VRE-Solar	4.42	4.37	1%	3.82	16%	4.60	4.51	2%	3.82	20%
4.7.7	RE-Others	5.17	5.71	-9%	6.47	-20%	5.75	6.09	-6%	6.48	-11%
4.7.8	Markets	5.94	8.17	-27%	0.00	-	7.26	7.80	-7%	2.67	172%
4.7.9	Others*	0.00	0.00	-	0.00	-	11.04	4.01	175%	0.00	-
4.7.10	Average VC	3.65	5.02	-27%	3.10	18%	4.20	4.62	-9%	3.40	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	1832	2490	-26%	15243	16442	-7%
4.8.2	11KV	276	366	-25%	2192	2343	-6%
4.8.3	33KV	315	423	-26%	2453	2633	-7%
4.8.4	EHT	638	952	-33%	4619	5509	-16%
4.2.11	Power Purchase Cost	3062	4232	-28%	24508	26911	-9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2523	3386	-25%	20663	21670	-5%
4.9.2	11KV	381	498	-24%	2972	3088	-4%
4.9.3	33KV	434	576	-25%	3325	3471	-4%
4.9.4	EHT	879	1294	-32%	6262	7260	-14%
2.19	Cost of Service	4218	5754	-27%	33221	35490	-6%

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	158	179	-12%	1166	992	18%
4.10.2	11KV	170	214	-21%	1083	1088	0%
4.10.3	33KV	161	166	-3%	1136	1222	-7%
4.10.4	EHT	159	192	-17%	1190	1266	-6%
4.10.5	Loss	647	751	-14%	4574	4568	0%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2614	3531	-26%	21312	22344	-5%
4.11.2	11KV	377	494	-24%	2935	3069	-4%
4.11.3	33KV	414	544	-24%	3175	3332	-5%
4.11.4	EHT	812	1185	-31%	5799	6744	-14%
2.19	Cost of Service	4218	5754	-27%	33221	35490	-6%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	7.4	9.9	-25%	8.1	8.5	-5%
4.12.2	11KV	7.1	9.5	-25%	7.7	8.2	-5%
4.12.3	33KV	6.8	9.0	-24%	7.5	7.9	-5%
4.12.4	EHT	6.6	8.7	-24%	7.3	7.6	-5%
2.28	ACS	7.2	9.5	-25%	7.8	8.2	-5%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2814	3965	3615	3397	13791
5.1.2	Agriculture Subsidy	2447	3498	2728	2216	10889
5.1.3	Aquaculture Subsidy	367	467	223	185	1241
5.1.4	SC Colonies Subsidy	0	0	106	159	264
5.1.5	ST Thandas Subsidy	0	0	24	36	60
5.1.6	Other Subsidy	0	0	535	802	1337
5.1.7	Govt Agencies	727	549	1059	1341	3675
5.1.8	Panchayats	83	21	354	525	984
5.1.9	WR Dept	17	0	277	415	709
5.1.10	ULB	87	19	149	214	468
5.1.11	Other Govt Dept	539	508	279	186	1513
5.1.12	Govt serviced debt	0	0	0	0	0
5.1.13	UDAY Receivables	0	0	0	0	0
5.1.14	Private Customers Receivables	10248	9545	9203	9303	38299
5.1.15	Total	13789	14058	13877	14041	55765
5.1.16	Opex Loans	0	0	0	0	0
5.1.17	Capex Loans	0	0	0	0	0

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	Subsidy	1132	1262	1350	0	-88	-	19%
5.2.2	Agriculture Subsidy	739	903	1250	0	-347	-	69%
5.2.3	Aquaculture Subsidy	62	62	100	0	-38	-	63%
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	228	0	0	228	-	-100%
5.2.7	Govt Agencies	447	678	165	197	513	-16%	-63%
5.2.8	Panchayats	175	176	4	9	172	-54%	-98%
5.2.9	WR Dept	138	241	0	15	241	-100%	-100%
5.2.10	ULB	71	64	6	15	58	-59%	-92%
5.2.11	Other Govt Dept	62	197	155	158	42	-2%	150%
5.2.12	Govt serviced debt	0	0	0	0	0	-	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	3101	3104	3001	3384	103	-11%	-3%
5.2.15	Total	4680	5044	4516	3580	528	26%	-4%
5.2.16	Opex Loans	0	0	0	0	0	-	-
5.2.17	Capex Loans	0	0	0	0	0	-	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
5.3.1	Subsidy	12391	7927	8914	8129	6028	13176	12136	35%	3%
5.3.2	Agriculture Subsidy	9760	5171	6504	7195	5465	9069	9506	32%	39%
5.3.3	Aquaculture Subsidy	1460	431	460	934	563	986	1374	66%	117%
5.3.4	SC Colonies Subsidy	882	370	467	0	0	1349	808	-	-100%
5.3.5	ST Thandas Subsidy	277	84	106	0	0	383	264	-	-100%
5.3.6	Other Subsidy	12	1872	1376	0	0	1388	184	-	-100%
5.3.7	Govt Agencies	15166	3128	4066	1441	1623	17791	15480	-11%	-54%
5.3.8	Panchayats	6654	1226	1227	108	351	7773	6784	-69%	-91%
5.3.9	WR Dept	7233	968	935	18	78	8150	7360	-77%	-98%

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11508	9937	8907	9432	39784
6.1.2	State Thermal	4870	3961	4346	4724	17900
6.1.3	State Hydel	170	171	172	181	694
6.1.4	CGS	1561	1437	1150	1060	5208
6.1.5	IPPs Gas	0	0	4	5	8
6.1.6	IPPs Thermal	1245	1090	1493	1520	5348
6.1.7	VRE- Wind	909	1635	325	461	3330
6.1.8	VRE- Solar	1044	717	1085	1426	4272
6.1.9	Other-NCE	40	44	50	56	190
6.1.10	Market	1637	876	282	0	2795
6.1.11	Other	32	5	0	0	37
6.1.12	CTU Cost	445	409	375	361	1590
6.1.13	STU Cost	751	806	938	1013	3508
6.1.14	Distribution Cost	2624	2522	2662	2855	10663
6.1.15	O&M Cost	1625	1642	1808	1938	7013
6.1.16	HR Cost	1374	1395	1491	1585	5845
6.1.17	A&G Cost	64	68	83	87	302
6.1.18	R&M Cost	187	179	234	265	865
6.1.19	Depreciation	533	564	539	532	2168
6.1.20	ROCE	313	39	305	437	1094
6.1.21	Others	153	277	10	-52	388
6.1.22	Cost of Service	15328	13675	12882	13661	55545
7.1.1	Capex Debt service (P+I)	524	662	192	0	1378
7.1.2	Opex Debt service (P+I)	5958	7499	2963	0	16420

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2858	3062	4435	3180	-1373	39%	55%
6.2.2	State Thermal	1384	1466	2451	1098	-985	123%	77%
6.2.3	State Hydel	60	51	55	54	-4	2%	-9%
6.2.4	CGS	362	434	494	130	-60	280%	36%
6.2.5	IPPs Gas	2	1	0	0	1	-	-100%
6.2.6	IPPs Thermal	515	475	561	338	-86	66%	9%
6.2.7	VRE- Wind	108	80	364	554	-284	-34%	235%
6.2.8	VRE- Solar	407	262	138	57	124	142%	-66%
6.2.9	Other-NCE	19	12	18	21	-6	-14%	-7%
6.2.10	Market	0	282	354	928	-72	-62%	-
6.2.11	Other	0	0	0	0	0	-	-
6.2.12	CTU Cost	120	134	170	146	-36	16%	41%
6.2.13	STU Cost	338	263	366	116	-103	216%	8%
6.2.14	Distribution Cost	952	759	798	742	-39	8%	-16%
6.2.15	O&M Cost	646	516	595	595	-79	0%	-8%
6.2.16	HR Cost	528	434	530	453	-96	17%	0%
6.2.17	A&G Cost	29	24	24	32	0	-25%	-17%
6.2.18	R&M Cost	88	58	41	110	17	-63%	-54%
6.2.19	Depreciation	177	184	142	85	0	67%	-20%
6.2.20	ROCE	146	13	0	0	0	-	-100%
6.2.21	Others	-17	45	61	62	-16	-2%	-451%
6.2.22	Cost of Service	4268	4218	5769	4184	-1551	38%	35%
7.2.1	Capex Debt service (P+I)	0	192	192	159	0	21%	-
7.2.2	Opex Debt service (P+I)	0	2963	2979	2251	-16	32%	-

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	7105	22349	24508	26759	27197	4854	4519	-2%	20%
6.3.2	State Thermal	-1261	11098	10297	12735	9664	-3699	2748	32%	15%
6.3.3	State Hydel	130	423	392	526	378	-4	130	39%	24%
6.3.4	CGS	1638	2544	3433	4441	4986	630	727	-11%	75%
6.3.5	IPPs Gas	83	11	1	1	3	83	0	-67%	-90%
6.3.6	IPPs Thermal	1954	3661	2810	2501	2964	2263	218	-16%	-32%
6.3.7	VRE- Wind	1086	2372	2624	1602	3560	2108	573	-55%	-32%
6.3.8	VRE- Solar	671	1830	2023	995	1075	1699	123	-7%	-46%
6.3.9	Other-NCE	58	133	96	120	136	34	0	-12%	-10%
6.3.10	Market	2746	277	2795	3838	4431	1703	0	-13%	1286%
6.3.11	Other	0	0	37	0	0	37	0	-	-
6.3.12	CTU Cost	26	842	988	983	1055	31	0	-7%	17%
6.3.13	STU Cost	3182	2363	1820	1633	1404	3369	2030	16%	-31%
6.3.14	Distribution Cost	0	6662	5905	5057	4080	848	0	24%	-24%
6.3.15	O&M Cost	0	4521	3784	3877	3444	-94	0	13%	-14%
6.3.16	HR Cost	0	3699	3203	3318	2853	-115	0	16%	-10%
6.3.17	A&G Cost	0	204	157	162	160	-5	0	1%	-21%
6.3.18	R&M Cost	0	618	424	398	431	26	0	-8%	-36%
6.3.19	Depreciation	0	1242	1281	621	85	0	0	631%	-50%
6.3.20	ROCE	0	1020	365	66	0	0	0	-	-94%
6.3.21	Others	0	-122	475	492	551	-17	0	-11%	-505%
6.3.22	Cost of Service	10313	32216	33221	34432	33736	9102	6549	2%	7%
7.3.1	Capex Debt service (P+I)	0	0	1378	1378	1058	0	0	30%	-
7.3.2	Opex Debt service (P+I)	0	0	16420	16548	10033	-128	0	65%	-

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	192	0	1378
7.1.2	ERC disallowable-Opex Debt	5958	7499	2963	0	16420
7.1.3	Debt Servicing	6482	8161	3155	0	17798

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	192	192	159	0	21%	-
7.2.2	ERC disallowable-Opex Debt	0	2963	2979	2251	-16	32%	-
7.2.3	Debt Servicing	0	3155	3171	2410	-16	32%	-

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	1378	1378	1058	0	0	30%	-
7.3.2	ERC disallowable-Opex Debt	0	0	16420	16548	10033	-128	0	65%	-
7.3.3	Debt Servicing	0	0	17798	17926	11091	-128	0	62%	-

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	6516	6789	-4%	20159	19215	5%	26675	26004	3%
7.4.2	PFC	3310	3451	-4%	23410	19852	18%	26720	23303	15%
7.4.3	APPFCL	0	0	-	8744	8584	2%	8744	8584	2%
7.4.4	BANKS	984	1104	-11%	1524	1609	-5%	2508	2713	-8%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2528	1990	27%	2528	1990	27%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	0	9	- 100%	0	0	-	0	9	-100%
7.4.9	OTHERS	1834	1399	31%	2625	2902	-10%	4459	4301	4%
7.4.10	Debt Outstanding	12644	12752	-1%	58990	54152	9%	71634	66904	7%

Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) \times 100}{\text{Value in Last Year for given Category}}$
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 ⁶ Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 ³ V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) \times 100}{\text{Approved value by APERC for given Category}}$
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 ³ 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	D =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	G = 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	E = 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	F = 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	H = 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	I =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	D =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	C =Input at Discom Periphery
4.10.4	Transmission Loss	B = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	A =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	a =Expenditure for using State Transmission Network for Transmission of Power
2.10	CTU Cost	b =Expenditure for using Central Transmission Network for Transmission of Power
2.11	Distribution Network Cost	c =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.12	O&M Cost	d =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
Cost of Service (Rs Cr)		
2.19	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
KPIs on Purchase basis		
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	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
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	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
AT&C Losses		
2.30	Collection η	$J=(F+G-I)/E \times 100$
2.31	Units Realized	$K=D \times J/100$
2.32	Units Unrealized	$L=C-K$
2.33	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} = L/(\text{Discom Input}) \times 100$
ARR-ACS GAP		
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 31st March for previous Year