

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators August-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	4813 (83%)	4892 (83%)	-2%	25284 (82%)	25195 (82%)	0%
3.1.12	Agl Consumption	MU	961 (17%)	1037 (17%)	-7%	5430 (18%)	5586 (18%)	-3%
3.1.22	Discom Sales	MU	5774	5929	-3%	30714	30781	0%
1.02	Private Sales	MU	3760 (65%)	3989 (67%)	-6%	20230 (66%)	20283 (66%)	0%
1.03	Government Sales	MU	637 (11%)	513 (9%)	24%	2864 (9%)	2632 (9%)	9%
1.04	Government Subsidy	MU	1376 (24%)	1427 (24%)	-4%	7620 (25%)	7866 (26%)	-3%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	22079	16668	32%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3222	3486	-8%	16722	17187	-3%
5.2.7	Gov Sales	Rs Cr	181	192	-6%	1097	1249	-12%
5.2.1	Gov Subsidy	Rs Cr	1429	794	80%	6111	4348	41%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	4832	4472	8%	23931	22785	5%
1.07	Metered Sales	Rs Cr	3400	3674	-8%	18261	18917	-4%
3.3.12	Agl Consumption	Rs Cr	1432	797	44%	5670	3872	32%
1.08	Revenue from Sale	Rs Cr	3993	5360	-26%	24441	23001	6%
1.09	Adj Revenue from Sale	Rs Cr	4347	4936	-12%	25447	22128	15%
1.10	Closing Debtors	Rs Cr	22484	16972	32%	22484	16972	32%
1.11	Adj Closing Debtors	Rs Cr	22484	16972	32%	22484	16972	32%
KPIs								
3.5.22	ARR	Rs/kWh	8.37	7.54	11%	7.79	7.40	5%
3.6.22	AMC	kWh/bill/Mth	292	308	-5%	310	320	-3%
3.7.22	ACPB	Rs/bill/Mth	2441	2321	5%	2418	2366	2%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5774 (87%)	5929 (82%)	-3%	30714 (90%)	30781 (88%)	0%
2.01	Discom Losses	MU	462 (7%)	471 (6%)	-2%	2509 (7%)	2304 (7%)	9%
2.02	Discom Input	MU	6239 (94%)	6366 (88%)	-3%	32565 (96%)	32777 (94%)	0%
4.10.4	Transmission Loss	MU	161 (2%)	197 (3%)	-18%	874 (3%)	907 (3%)	-4%
4.1.11	Discom Purchases	MU	6654	7272	-9%	33952	34905	-3%
4.2.11	Power Purchase Cost	Rs. Cr	3320 (73%)	4013 (77%)	-17%	18214 (74%)	18860 (76%)	-3%
Contracted Network Capacity (MW)								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	1640	156%	4199	1775	137%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	2.1	1.9	11%	1.8	1.9	-7%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.1	9.6	-68%	3.4	8.1	-58%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	8.4	5.3	58%	9.1	5.4	67%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	306 (7%)	290 (6%)	6%	1303 (5%)	1441 (6%)	-10%
2.10	CTU Cost	Rs Cr	131 (3%)	157 (3%)	-17%	717 (3%)	717 (3%)	0%
2.11	Distribution Network Cost	Rs Cr	812 (18%)	728 (14%)	12%	4376 (18%)	3751 (15%)	17%
2.12	O&M Cost	Rs Cr	554	411	35%	2744	2302	19%
2.13	HR Cost	Rs Cr	463	351	32%	2310	1935	19%
2.14	A&G Cost	Rs Cr	22	18	20%	115	93	23%
2.15	R & M Cost	Rs Cr	69	42	65%	319	273	17%
2.16	Depreciation	Rs Cr	184	160	15%	911	759	20%
2.17	ROCE	Rs Cr	13	59	-78%	339	257	32%
2.18	Others	Rs Cr	61	98	-38%	382	433	-12%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	4568	5187	-12%	24611	24769	-1%
7.2.2	ERC Disallowed Debt	Rs Cr	4128	1650	150%	7850	6096	29%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.99	5.52	-10%	5.36	5.40	-1%
2.20	STU Cost per Unit	Rs/kWh	0.46	0.40	15%	0.38	0.41	-7%
2.21	CTU Cost per Unit	Rs/kWh	0.20	0.22	-9%	0.21	0.21	3%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.36	5.72	-76%	5.45	5.71	-5%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.22	1.00	22%	1.29	1.07	20%
2.23	Cost of Service per Unit	Rs/kWh	6.87	7.13	-4%	7.25	7.10	2%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.75	6.77	-15%	5.93	6.13	-3%
2.25	STU Cost per Unit	Rs/kWh	0.53	0.52	2%	0.42	0.47	-9%
2.26	CTU Cost per Unit	Rs/kWh	0.23	0.26	-14%	0.23	0.23	0%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.41	1.23	15%	1.42	1.22	17%

2.28	ACS	Rs/kWh	7.91	8.75	-10%		8.01	8.05	0%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	7.15	2.78	157%		2.56	1.98	29%
AT&C Losses									
2.30	Collection η	%	99%	86%	14%		96%	91%	6%
2.31	Units Realized	MU	5703	5094	12%		29067	27734	5%
2.32	Units Unrealized	MU	536	1272	-58%		3498	5043	-31%
2.33	AT&C Losses	%	9%	20%	-57%		11%	15%	-30%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	0.46	-1.21	138%		-0.22	-0.64	66%

*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	27 (0%)	34 (1%)	-21%	137 (0%)	163 (1%)	-16%
3.1.2	31-75	193 (3%)	202 (3%)	-4%	926 (3%)	966 (3%)	-4%
3.1.3	76-125	365 (6%)	362 (6%)	1%	1719 (6%)	1710 (6%)	1%
3.1.4	126-225	569 (10%)	519 (9%)	10%	2688 (9%)	2488 (8%)	8%
3.1.5	226-400	329 (6%)	288 (5%)	14%	2109 (7%)	1840 (6%)	15%
3.1.6	>400	197 (3%)	199 (3%)	-1%	1559 (5%)	1506 (5%)	4%
3.1.7	LT-1	1679 (29%)	1604 (27%)	5%	9138 (30%)	8673 (28%)	5%
3.1.8	LT-2	348 (6%)	331 (6%)	5%	1805 (6%)	1690 (5%)	7%
3.1.9	LT-3	119 (2%)	125 (2%)	-5%	618 (2%)	641 (2%)	-4%
3.1.10	LT-4	136 (2%)	138 (2%)	-1%	684 (2%)	681 (2%)	0%
3.1.11	LT-5	1261 (22%)	1348 (23%)	-6%	7041 (23%)	7213 (23%)	-2%
3.1.12	LT-5 A (ii)	961 (17%)	1037 (17%)	-7%	5430 (18%)	5586 (18%)	-3%
3.1.13	LT-5 excluding A(ii)	300 (5%)	311 (5%)	-4%	1611 (5%)	1626 (5%)	-1%
3.1.14	LT	3543 (61%)	3545 (60%)	0%	19285 (63%)	18898 (61%)	2%
3.1.15	HT-1	8 (0%)	7 (0%)	12%	38 (0%)	34 (0%)	11%
3.1.16	HT-2	200 (3%)	181 (3%)	11%	983 (3%)	958 (3%)	3%
3.1.17	HT-3	1690 (29%)	1828 (31%)	-8%	8674 (28%)	9229 (30%)	-6%
3.1.18	HT-4	265 (5%)	250 (4%)	6%	1340 (4%)	1255 (4%)	7%
3.1.19	HT-5	21 (0%)	74 (1%)	-71%	162 (1%)	201 (1%)	-20%
3.1.20	Rescos	47 (1%)	45 (1%)	4%	232 (1%)	206 (1%)	12%
3.1.21	HT	2231 (39%)	2384 (40%)	-6%	11429 (37%)	11883 (39%)	-4%
3.1.22	Discom Sales	5774	5929	-3%	30714	30781	0%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3543	3545	0%	19285	18898	2%
3.2.1	11KV	535	557	-4%	2755	2696	2%
3.2.2	33KV	613	616	0%	3049	3038	0%
3.2.3	EHT	1082	1212	-11%	5625	6176	-9%
3.1.22	Discom Sales	5774	5929	-3%	30714	30781	0%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	29 (1%)	29 (1%)	0%	141 (1%)	132 (1%)	7%
3.3.2	31-75	71 (1%)	74 (2%)	-3%	339 (1%)	340 (1%)	0%
3.3.3	76-125	142 (3%)	146 (3%)	-3%	653 (3%)	646 (3%)	1%
3.3.4	126-225	268 (6%)	261 (6%)	3%	1255 (5%)	1131 (5%)	11%
3.3.5	226-400	218 (5%)	217 (5%)	0%	1306 (5%)	1142 (5%)	14%
3.3.6	>400	120 (2%)	161 (4%)	-25%	1121 (5%)	1200 (5%)	-7%
3.3.7	LT-1	848 (18%)	888 (20%)	-4%	4814 (20%)	4592 (20%)	5%
3.3.8	LT-2	416 (9%)	408 (9%)	2%	2172 (9%)	2038 (9%)	7%
3.3.9	LT-3	117 (2%)	134 (3%)	-12%	635 (3%)	665 (3%)	-5%
3.3.10	LT-4	17 (0%)	29 (1%)	-43%	175 (1%)	472 (2%)	-63%
3.3.11	LT-5	1526 (32%)	915 (20%)	67%	6412 (27%)	4846 (21%)	32%
3.3.12	LT-5 A (ii)	1432 (30%)	797 (18%)	80%	5670 (24%)	3872 (17%)	46%
3.3.13	LT-5 excluding A(ii)	94 (2%)	117 (3%)	-20%	742 (3%)	974 (4%)	-24%
3.3.14	LT	2924 (61%)	2374 (53%)	23%	14208 (59%)	12613 (55%)	13%
3.3.15	HT-1	6 (0%)	6 (0%)	0%	31 (0%)	27 (0%)	15%
3.3.16	HT-2	222 (5%)	218 (5%)	2%	1272 (5%)	1133 (5%)	12%
3.3.17	HT-3	1474 (30%)	1673 (37%)	-12%	7314 (31%)	7980 (35%)	-8%

3.3.18	HT-4	203 (4%)	188 (4%)	8%	1061 (4%)	968 (4%)	10%
3.3.19	HT-5	3 (0%)	11 (0%)	-72%	33 (0%)	60 (0%)	-44%
3.3.20	Rescos	1 (0%)	2 (0%)	-29%	9 (0%)	8 (0%)	13%
3.3.21	HT	1908 (39%)	2097 (47%)	-9%	9722 (41%)	10176 (45%)	-4%
3.3.22	Discom Collections	4832	4471	8%	23931	22789	5%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	33,17,512(17%)	32,57,874(17%)	2%	33,17,512(17%)	32,57,874(17%)	2%
3.4.2	31-75	36,24,524(18%)	37,84,636(20%)	-4%	36,24,524(18%)	37,84,636(20%)	-4%
3.4.3	76-125	36,85,582(19%)	36,61,185(19%)	1%	36,85,582(19%)	36,61,185(19%)	1%
3.4.4	126-225	34,80,204(18%)	31,85,724(17%)	9%	34,80,204(18%)	31,85,724(17%)	9%
3.4.5	226-400	11,58,898(6%)	10,07,265(5%)	15%	11,58,898(6%)	10,07,265(5%)	15%
3.4.6	>400	2,66,030(1%)	2,38,376(1%)	12%	2,66,030(1%)	2,38,376(1%)	12%
3.4.7	LT-1	1,55,32,750(78%)	1,51,35,060(79%)	3%	1,55,32,750(78%)	1,51,35,060(79%)	3%
3.4.8	LT-2	17,70,491(9%)	17,02,241(9%)	4%	17,70,491(9%)	17,02,241(9%)	4%
3.4.9	LT-3	81,145(0%)	81,174(0%)	0%	81,145(0%)	81,174(0%)	0%
3.4.10	LT-4	3,73,041(2%)	3,61,155(2%)	3%	3,73,041(2%)	3,61,155(2%)	3%
3.4.11	LT-5	20,19,685(10%)	19,70,650(10%)	2%	20,19,685(10%)	19,70,650(10%)	2%
3.4.12	LT-5 A (ii)	19,32,907(10%)	18,80,552(10%)	3%	19,32,907(10%)	18,80,552(10%)	3%
3.4.13	LT-5 excluding A(ii)	86,778(0%)	90,098(0%)	-4%	86,778(0%)	90,098(0%)	-4%
3.4.14	LT	1,97,77,112(100%)	1,92,50,280(100%)	3%	1,97,77,112(100%)	1,92,50,280(100%)	3%
3.4.15	HT-1	136(0%)	126(0%)	8%	136(0%)	126(0%)	8%
3.4.16	HT-2	5,577(0%)	5,139(0%)	9%	5,577(0%)	5,139(0%)	9%
3.4.17	HT-3	6,859(0%)	6,691(0%)	3%	6,859(0%)	6,691(0%)	3%
3.4.18	HT-4	866(0%)	864(0%)	0%	866(0%)	864(0%)	0%
3.4.19	HT-5	720(0%)	725(0%)	-1%	720(0%)	725(0%)	-1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,159(0%)	13,546(0%)	5%	14,159(0%)	13,546(0%)	5%
3.4.22	Discom Bills	1,97,91,271	1,92,63,826	3%	1,97,91,271	1,92,63,826	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	10.74	8.51	26%	10.27	8.08	27%
3.5.2	31-75	3.71	3.66	1%	3.66	3.52	4%
3.5.3	76-125	3.89	4.04	-4%	3.80	3.78	0%
3.5.4	126-225	4.71	5.03	-6%	4.67	4.55	3%
3.5.5	226-400	6.63	7.56	-12%	6.19	6.21	0%
3.5.6	>400	6.09	8.07	-24%	7.19	7.97	-10%
3.5.7	LT-1	5.05	5.54	-9%	5.27	5.29	0%
3.5.8	LT-2	11.95	12.34	-3%	12.04	12.06	0%
3.5.9	LT-3	9.90	10.71	-8%	10.28	10.39	-1%
3.5.10	LT-4	1.22	2.12	-43%	2.56	6.94	-63%
3.5.11	LT-5	12.11	6.79	78%	9.11	6.72	36%
3.5.12	LT-5 A (ii)	14.90	7.69	94%	10.44	6.93	51%
3.5.13	LT-5 excluding A(ii)	3.14	3.78	-17%	4.61	5.99	-23%
3.5.14	LT	8.25	6.70	23%	7.37	6.67	10%
3.5.15	HT-1	7.37	8.28	-11%	8.22	7.99	3%
3.5.16	HT-2	11.11	12.10	-8%	12.94	11.82	9%
3.5.17	HT-3	8.72	9.15	-5%	8.43	8.65	-2%
3.5.18	HT-4	7.64	7.53	1%	7.92	7.72	3%
3.5.19	HT-5	1.36	1.42	-4%	2.06	2.95	-30%
3.5.20	Rescos	0.27	0.40	-32%	0.40	0.40	1%
3.5.21	HT	8.55	8.80	-3%	8.51	8.56	-1%
3.5.22	ARR	8.37	7.54	11%	7.79	7.40	5%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	8	11	-22%	8	10	-18%
3.6.2	31-75	53	53	0%	51	51	0%
3.6.3	76-125	99	99	0%	93	93	0%
3.6.4	126-225	164	163	0%	154	156	-1%
3.6.5	226-400	284	285	-1%	364	365	0%
3.6.6	>400	739	835	-11%	1172	1264	-7%
3.6.7	LT-1	108	106	2%	118	115	3%
3.6.8	LT-2	196	194	1%	204	199	3%
3.6.9	LT-3	1462	1543	-5%	1522	1578	-4%
3.6.10	LT-4	366	382	-4%	366	377	-3%
3.6.11	LT-5	624	684	-9%	697	732	-5%
3.6.12	LT-5 A (ii)	497	551	-10%	562	594	-5%
3.6.13	LT-5 excluding A(ii)	3455	3451	0%	3713	3610	3%
3.6.14	LT	179	184	-3%	195	196	-1%
3.6.15	HT-1	55294	53095	4%	55941	54191	3%
3.6.16	HT-2	35860	35145	2%	35262	37293	-5%
3.6.17	HT-3	246383	273130	-10%	252910	275856	-8%
3.6.18	HT-4	305889	289132	6%	309531	290412	7%
3.6.19	HT-5	29792	102303	-71%	44997	55569	-19%
3.6.20	Rescos	46930000	45230000	4%	46358000	41217302	12%
3.6.21	HT	157549	175994	-10%	161437	175450	-8%
3.6.22	AMC	292	308	-5%	310	320	-3%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	88	90	-2%	85	81	5%
3.7.2	31-75	197	195	1%	187	180	4%
3.7.3	76-125	385	399	-4%	354	353	0%
3.7.4	126-225	771	819	-6%	721	710	2%
3.7.5	226-400	1879	2157	-13%	2254	2268	-1%
3.7.6	>400	4507	6734	-33%	8425	10068	-16%
3.7.7	LT-1	546	587	-7%	620	607	2%
3.7.8	LT-2	2347	2395	-2%	2453	2394	2%
3.7.9	LT-3	14477	16530	-12%	15648	16394	-5%
3.7.10	LT-4	444	809	-45%	939	2615	-64%
3.7.11	LT-5	7556	4642	63%	6350	4918	29%
3.7.12	LT-5 A (ii)	7408	4241	75%	5867	4118	42%
3.7.13	LT-5 excluding A(ii)	10843	13032	-17%	17111	21614	-21%
3.7.14	LT	1478	1233	20%	1437	1310	10%
3.7.15	HT-1	407353	439683	-7%	459706	433155	6%
3.7.16	HT-2	398476	425122	-6%	456324	440799	4%
3.7.17	HT-3	2148331	2500179	-14%	2132783	2385360	-11%
3.7.18	HT-4	2338453	2178588	7%	2451478	2241388	9%
3.7.19	HT-5	40556	145103	-72%	92528	164156	-44%
3.7.20	Rescos	12800000	18100000	-29%	18700000	16480521	13%
3.7.21	HT	1347567	1548383	-13%	1373296	1502461	-9%
3.7.22	ACPB	2441	2321	5%	2418	2366	2%

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	2271 (34%)	2157 (30%)	5%	3040 (41%)	-25%	13242 (39%)	12835 (37%)	3%	14826 (42%)	-11%
4.1.2	State Hydel	651 (10%)	207 (3%)	215%	528 (7%)	23%	1295 (4%)	826 (2%)	57%	1251 (4%)	3%
4.1.3	CGS	963 (14%)	1044 (14%)	-8%	862 (12%)	12%	4735 (14%)	4962 (14%)	-5%	4321 (12%)	10%
4.1.4	Gas	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	0 (0%)	-	0 (0%)	-
4.1.5	IPPs	769 (12%)	997 (14%)	-23%	1198 (16%)	-36%	3986 (12%)	4592 (13%)	-	6100 (17%)	-35%
4.1.6	VRE-Wind	845 (13%)	981 (13%)	-14%	1110 (15%)	-24%	4515 (13%)	4620 (13%)	-2%	4128 (12%)	9%
4.1.7	VRE-Solar	548 (8%)	548 (8%)	0%	587 (8%)	-7%	3193 (9%)	2743 (8%)	16%	3181 (9%)	0%
4.1.8	RE-Others	28 (0%)	25 (0%)	10%	30 (0%)	-8%	119 (0%)	106 (0%)	13%	147 (0%)	-19%
4.1.9	Markets	580 (9%)	1314 (18%)	-56%	0 (0%)	-	2840 (8%)	3840 (11%)	-	1037 (3%)	174%
4.1.10	Others*	0 (0%)	0 (0%)	32%	0 (0%)	-	27 (0%)	384 (1%)	-	0 (0%)	-
4.1.11	Discom Purchases	6654	7272	-9%	7355	-10%	33952	34905	93% -3%	34992	-3%

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	1264 (38%)	1141 (28%)	11%	1645 (49%)	-23%	7521 (41%)	7130 (38%)	5%	8072 (49%)	-7%
4.2.2	State Hydel	60 (2%)	54 (1%)	12%	60 (2%)	-1%	290 (2%)	268 (1%)	8%	302 (2%)	-4%
4.2.3	CGS	617 (19%)	598 (15%)	3%	362 (11%)	70%	2582 (14%)	2833 (15%)	-9%	1829 (11%)	41%
4.2.4	Gas	0 (0%)	0 (0%)	-	2 (0%)	-100%	0 (0%)	0 (0%)	-	8 (0%)	-100%
4.2.5	IPPs	347 (10%)	446 (11%)	-22%	515 (15%)	-33%	1911 (10%)	2092 (11%)	-9%	2636 (16%)	-28%
4.2.6	VRE-Wind	393 (12%)	461 (11%)	-15%	522 (16%)	-25%	2118 (12%)	2187 (12%)	-3%	1940 (12%)	9%
4.2.7	VRE-Solar	238 (7%)	282 (7%)	-16%	224 (7%)	6%	1493 (8%)	1256 (7%)	19%	1215 (7%)	23%
4.2.8	RE-Others	15 (0%)	14 (0%)	8%	19 (1%)	-21%	71 (0%)	67 (0%)	7%	95 (1%)	-25%
4.2.9	Markets	383 (12%)	1016 (25%)	-62%	0 (0%)	-	2193 (12%)	2868 (15%)	-24%	277 (2%)	692%
4.2.10	Others*	3 (0%)	1 (0%)	141%	0 (0%)	-	36 (0%)	159 (1%)	-77%	0 (0%)	-
4.2.11	Power Purchase Cost	3320	4013	-17%	3349	-1%	18214	18860	-3%	16375	11%

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	381	237	61%	521	-27%	1997	1479	35%	2603	-23%
4.3.2	State Hydel	60	54	12%	60	-1%	290	268	8%	302	-4%
4.3.3	CGS	144	126	14%	80	81%	610	595	2%	399	53%
4.3.4	Gas	0	0	-	2	-100%	0	0	-	8	-100%
4.3.5	IPPs	126	135	-6%	181	-30%	627	705	-11%	907	-31%
4.3.6	Others*	3	1	152%	0	-	6	5	15%	0	-
4.3.7	Fixed Cost	714	552	29%	844	-15%	3530	3053	16%	4219	-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	883	904	-2%	1124	-21%	5524	5651	-2%	5469	1%
4.4.2	CGS	473	471	0%	283	67%	1972	2238	-12%	1430	38%
4.4.3	Gas	0	0	-	0	-	0	0	-	0	-
4.4.4	IPPs	220	312	-29%	333	-34%	1285	1386	-7%	1729	-26%
4.4.5	VRE-Wind	393	461	-15%	522	-25%	2118	2187	-3%	1940	9%
4.4.6	VRE-Solar	238	282	-16%	224	6%	1493	1256	19%	1215	23%
4.4.7	RE-Others	13	13	4%	18	-26%	68	64	6%	90	-24%
4.4.8	Markets	383	1016	-62%	0	-	2193	2868	-24%	277	692%
4.4.9	Others*	0	0	-100%	0	-	30	154	-80%	0	-
4.4.10	Variable Cost	2604	3460	-25%	2504	4%	14681	15804	-7%	12150	21%

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	5.57	5.29	5%	5.41	3%	5.68	5.56	2%	5.44	4%
4.5.2	State Hydel	0.92	2.59	-64%	1.14	-20%	2.24	3.24	-31%	2.41	-7%
4.5.3	CGS	6.41	5.72	12%	4.20	52%	5.45	5.71	-5%	4.23	29%
4.5.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.5.5	IPPs	4.51	4.48	1%	4.30	5%	4.80	4.56	5%	4.32	11%
4.5.6	VRE-Wind	4.65	4.70	-1%	4.70	-1%	4.69	4.73	-1%	4.70	0%
4.5.7	VRE-Solar	4.35	5.15	-16%	3.82	14%	4.67	4.58	2%	3.82	22%
4.5.8	RE-Others	5.50	5.62	-2%	6.47	-15%	5.95	6.29	-5%	6.48	-8%
4.5.9	Markets	6.60	7.73	-15%	0.00	-	7.72	7.47	3%	2.67	189%
4.5.10	Others*	-60.44	-33.24	82%	0.00	-	13.31	4.14	221%	0.00	-
4.5.11	Weighted Average	4.99	5.52	-10%	4.55	10%	5.36	5.40	-1%	4.68	15%

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	1.68	1.10	53%	1.71	-2%	1.51	1.15	31%	1.76	-14%
4.6.2	State Hydel	0.92	2.59	-64%	1.14	-20%	2.24	3.24	-31%	2.41	-7%
4.6.3	CGS	1.50	1.21	24%	0.93	62%	1.29	1.20	7%	0.92	39%
4.6.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.6.5	IPPs	1.64	1.35	21%	1.51	8%	1.57	1.54	2%	1.49	6%
4.6.6	Others*	-60.44	-31.76	90%	0.00	-	2.26	0.14	1529%	0.00	-
4.6.7	Average FC	1.08	0.76	41%	1.15	-6%	1.04	0.88	19%	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	3.89	4.19	-7%	3.70	5%	4.17	4.40	-5%	3.69	13%
4.7.2	CGS	4.91	4.52	9%	3.28	50%	4.16	4.51	-8%	3.31	26%
4.7.3	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.7.4	IPPs	2.87	3.13	-8%	2.78	3%	3.22	3.02	7%	2.83	14%
4.7.5	VRE-Wind	4.65	4.70	-1%	4.70	-1%	4.69	4.73	-1%	4.70	0%
4.7.6	VRE-Solar	4.35	5.15	-16%	3.82	14%	4.67	4.58	2%	3.82	22%
4.7.7	RE-Others	5.50	5.62	-2%	6.47	-15%	5.95	6.29	-5%	6.48	-8%
4.7.8	Markets	6.60	7.73	-15%	0.00	-	7.72	7.47	3%	2.67	189%
4.7.9	Others*	0.00	-1.47	-100%	0.00	-	11.04	4.00	176%	0.00	-
4.7.10	Average VC	3.91	4.76	-18%	3.40	15%	4.32	4.53	-4%	3.47	25%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2037	2399	-15%	11436	11579	-1%
4.8.2	11KV	308	377	-18%	1634	1652	-1%
4.8.3	33KV	352	417	-15%	1808	1861	-3%
4.8.4	EHT	622	820	-24%	3336	3784	-12%
4.2.11	Power Purchase Cost	3320	4013	-17%	18214	18860	-3%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2803	3101	-10%	15453	15207	2%
4.9.2	11KV	424	487	-13%	2207	2170	2%
4.9.3	33KV	485	538	-10%	2443	2445	0%
4.9.4	EHT	856	1060	-19%	4507	4969	-9%
2.19	Cost of Service	4568	5187	-12%	24611	24790	-1%

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	144	172	-16%	896	667	34%
4.10.2	11KV	148	138	7%	774	734	5%
4.10.3	33KV	170	161	6%	839	902	-7%
4.10.4	EHT	161	197	-18%	874	907	-4%
4.10.5	Loss	623	668	-7%	3382	3211	5%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2891	3209	-10%	15939	15656	2%
4.11.2	11KV	420	481	-13%	2176	2157	1%
4.11.3	33KV	464	515	-10%	2330	2353	-1%
4.11.4	EHT	793	982	-19%	4167	4624	-10%
2.19	Cost of Service	4568	5187	-12%	24611	24790	-1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	8.2	9.1	-10%	8.3	8.3	0%
4.12.2	11KV	7.8	8.6	-9%	7.9	8.0	-1%
4.12.3	33KV	7.6	8.4	-9%	7.6	7.7	-1%
4.12.4	EHT	7.3	8.1	-10%	7.4	7.5	-1%
2.28	ACS	7.9	8.7	-10%	8.0	8.1	-1%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2814	4429	3397	3397	14038
5.1.2	Agriculture Subsidy	2447	3936	2216	2216	10816
5.1.3	Aquaculture Subsidy	367	161	185	185	897
5.1.4	SC Colonies Subsidy	0	53	159	159	370
5.1.5	ST Thandas Subsidy	0	12	36	36	84
5.1.6	Other Subsidy	0	267	802	802	1872
5.1.7	Govt Agencies	727	818	1341	1341	4225
5.1.8	Panchayats	83	188	525	525	1322
5.1.9	WR Dept	17	139	415	415	986
5.1.10	ULB	87	87	214	214	601
5.1.11	Other Govt Dept	539	404	186	186	1316
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	9576	9303	9303	38430
5.1.15	Total	13789	14822	14041	14041	56693
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	1216	1429	794	-213	80%	26%
5.2.2	Agriculture Subsidy	739	850	1429	794	-579	80%	93%
5.2.3	Aquaculture Subsidy	62	62	0	0	62	-	-100%
5.2.4	SC Colonies Subsidy	53	56	0	0	56	-	-100%
5.2.5	ST Thandas Subsidy	12	12	0	0	12	-	-100%
5.2.6	Other Subsidy	267	236	0	0	236	-	-100%
5.2.7	Govt Agencies	447	535	181	192	354	-6%	-59%
5.2.8	Panchayats	175	173	8	13	165	-35%	-95%
5.2.9	WR Dept	138	93	0	8	93	-97%	-100%
5.2.10	ULB	71	64	5	12	59	-60%	-93%
5.2.11	Other Govt Dept	62	205	168	159	37	6%	170%
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	3735	3222	3486	514	-8%	4%
5.2.15	Total	4680	5486	4832	4472	654	8%	3%
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	5662	6432	6111	4348	12712	14409	41%	8%
5.3.2	Agriculture Subsidy	9760	3694	4751	5644	3849	8867	10501	47%	53%
5.3.3	Aquaculture Subsidy	1460	308	334	467	499	1327	1463	-6%	52%
5.3.4	SC Colonies Subsidy	882	264	353	0	0	1235	1082	-	-100%
5.3.5	ST Thandas Subsidy	277	60	82	0	0	359	338	-	-100%
5.3.6	Other Subsidy	12	1337	911	0	0	923	1025	-	-100%
5.3.7	Govt Agencies	15166	2234	2750	1097	1249	16819	15012	-12%	-51%
5.3.8	Panchayats	6654	876	873	96	335	7431	6564	-71%	-89%
5.3.9	WR Dept	7233	692	509	18	62	7724	7064	-72%	-97%

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11508	9822	8703	9432	39465
6.1.2	State Thermal	4870	4293	4264	4724	18151
6.1.3	State Hydel	170	180	181	181	713
6.1.4	CGS	1561	1373	1078	1060	5072
6.1.5	IPPs Gas	0	2	5	5	11
6.1.6	IPPs Thermal	1245	1177	1533	1520	5475
6.1.7	VRE- Wind	909	1531	354	461	3255
6.1.8	VRE- Solar	1044	656	1231	1426	4356
6.1.9	Other-NCE	40	50	57	56	203
6.1.10	Market	1637	556	0	0	2193
6.1.11	Other	32	4	0	0	36
6.1.12	CTU Cost	445	393	361	361	1560
6.1.13	STU Cost	751	890	1013	1013	3666
6.1.14	Distribution Cost	2624	2704	2855	2855	11038
6.1.15	O&M Cost	1625	1765	1938	1938	7265
6.1.16	HR Cost	1374	1464	1585	1585	6009
6.1.17	A&G Cost	64	80	87	87	319
6.1.18	R&M Cost	187	220	265	265	937
6.1.19	Depreciation	533	555	532	532	2153
6.1.20	ROCE	313	172	437	437	1359
6.1.21	Others	153	212	-52	-52	260
6.1.22	Cost of Service	15328	13809	12931	13661	55728
7.1.1	Capex Debt service (P+I)	524	484	0	0	1008
7.1.2	Opex Debt service (P+I)	5958	4979	0	0	10937

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	3349	3320	4350	3772	-1031	15%	30%
6.2.2	State Thermal	1645	1264	2149	1446	-885	49%	31%
6.2.3	State Hydel	60	60	55	54	5	2%	-9%
6.2.4	CGS	362	617	731	711	-114	3%	102%
6.2.5	IPPs Gas	2	0	1	0	-1	-	-33%
6.2.6	IPPs Thermal	515	347	387	303	-40	28%	-25%
6.2.7	VRE- Wind	522	393	283	142	110	99%	-46%
6.2.8	VRE- Solar	224	238	95	122	143	-22%	-58%
6.2.9	Other-NCE	19	15	15	8	0	88%	-22%
6.2.10	Market	0	383	634	986	-251	-36%	-
6.2.11	Other	0	3	0	0	3	-	-
6.2.12	CTU Cost	120	131	197	129	-66	53%	64%
6.2.13	STU Cost	338	306	307	130	-1	136%	-9%
6.2.14	Distribution Cost	952	812	771	579	41	33%	-19%
6.2.15	O&M Cost	646	554	555	497	-1	12%	-14%
6.2.16	HR Cost	528	463	464	436	-1	6%	-12%
6.2.17	A&G Cost	29	22	22	19	0	18%	-23%
6.2.18	R&M Cost	88	69	69	42	0	65%	-22%
6.2.19	Depreciation	177	184	142	0	0	-	-20%
6.2.20	ROCE	146	13	13	0	0	-	-91%
6.2.21	Others	-17	61	61	82	0	-26%	-450%
6.2.22	Cost of Service	4759	4568	5625	4610	-1057	22%	18%
7.2.1	Capex Debt service (P+I)	0	186	186	151	0	23%	-
7.2.2	Opex Debt service (P+I)	0	2443	4128	1650	-1685	150%	-

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	16375	18214	17499	20222	7820	4519	-13%	7%
6.3.2	State Thermal	-1261	8072	7521	7585	7284	-1325	2748	4%	-6%
6.3.3	State Hydel	130	302	290	269	270	151	130	0%	-11%
6.3.4	CGS	1638	1829	2582	3263	4020	957	727	-19%	78%
6.3.5	IPPs Gas	83	8	0	1	0	82	0	-	-87%
6.3.6	IPPs Thermal	1954	2636	1911	1587	2245	2278	218	-29%	-40%
6.3.7	VRE- Wind	1086	1940	2118	921	2546	2283	573	-64%	-53%
6.3.8	VRE- Solar	671	1215	1493	777	962	1387	123	-19%	-36%
6.3.9	Other-NCE	58	95	71	89	77	40	0	16%	-6%
6.3.10	Market	2746	277	2193	3007	2818	1932	0	7%	986%
6.3.11	Other	0	0	36	0	0	36	0	-	-
6.3.12	CTU Cost	26	602	717	684	796	59	0	-14%	14%
6.3.13	STU Cost	3182	1688	1303	691	847	3794	2030	-18%	-59%
6.3.14	Distribution Cost	0	4758	4376	3531	2818	845	0	25%	-26%
6.3.15	O&M Cost	0	3229	2744	2744	2394	0	0	15%	-15%
6.3.16	HR Cost	0	2642	2310	2310	2001	0	0	15%	-13%
6.3.17	A&G Cost	0	145	115	116	115	-1	0	1%	-20%
6.3.18	R&M Cost	0	442	319	319	278	0	0	15%	-28%
6.3.19	Depreciation	0	887	911	339	0	0	0	-	-62%
6.3.20	ROCE	0	729	339	66	0	0	0	-	-91%
6.3.21	Others	0	-87	382	381	424	1	0	-10%	-539%
6.3.22	Cost of Service	10313	23422	24611	22405	24683	12519	6549	-9%	-4%
7.3.1	Capex Debt service (P+I)	0	0	1008	1008	745	0	0	35%	-
7.3.2	Opex Debt service (P+I)	0	0	10937	7850	6096	3087	1793	29%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	524	484	0	0	1008
7.1.2	ERC disallowable-Opex Debt	5958	4979	0	0	10937
7.1.3	Debt Servicing	6482	5463	0	0	11945

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	186	186	151	0	23%	-
7.2.2	ERC disallowable-Opex Debt	0	2443	4128	1650	-1685	150%	-
7.2.3	Debt Servicing	0	2629	4314	1801	-1685	140%	-

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	1008	1008	745	0	0	35%	-
7.3.2	ERC disallowable-Opex Debt	0	0	10937	7850	6096	3087	1793	29%	-
7.3.3	Debt Servicing	0	0	11945	8858	6841	3087	1793	29%	-

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	6597	6789	-3%	18038	19215	-6%	24635	26004	-5%
7.4.2	PFC	2986	3451	-13%	21540	19852	9%	24526	23303	5%
7.4.3	APPFCL	0	0	-	8376	8584	-2%	8376	8584	-2%
7.4.4	BANKS	1018	1104	-8%	1290	1609	-20%	2308	2713	-15%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2566	1990	29%	2566	1990	29%
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	1691	1399	21%	2645	2902	-9%	4336	4301	1%
7.4.10	Debt Outstanding	12301	12752	-4%	54455	54152	1%	66756	66904	0%

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