

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators December-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	4486 (83%)	4552 (82%)	-1%	44310 (83%)	44763 (81%)	-1%
3.1.12	Agl Consumption	MU	904 (17%)	1019 (18%)	-11%	9067 (17%)	10329 (19%)	-12%
3.1.22	Discom Sales	MU	5390	5570	-3%	53377	55092	-3%
1.02	Private Sales	MU	3315 (61%)	3441 (62%)	-4%	34843 (65%)	35454 (64%)	-2%
1.03	Government Sales	MU	698 (13%)	666 (12%)	5%	5490 (10%)	5486 (10%)	0%
1.04	Government Subsidy	MU	1378 (26%)	1462 (26%)	-6%	13044 (24%)	14152 (26%)	-8%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	18819	18680	1%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	2706	3098	-13%	28579	30662	-7%
5.2.7	Gov Sales	Rs Cr	6899	175	3836%	8512	1977	331%
5.2.1	Gov Subsidy	Rs Cr	1206	518	133%	10209	9460	8%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	10810	3791	185%	47300	42099	12%
1.07	Metered Sales	Rs Cr	9847	3269	67%	38256	33369	13%
3.3.12	Agl Consumption	Rs Cr	963	523	84%	9043	8736	3%
1.08	Revenue from Sale	Rs Cr	5440	4117	32%	44151	40843	8%
1.09	Adj Revenue from Sale	Rs Cr	5192	4591	13%	44382	41103	8%
1.10	Closing Debtors	Rs Cr	17675	19302	-8%	17675	19302	-8%
1.11	Adj Closing Debtors	Rs Cr	17675	19302	-8%	17675	19302	-8%
KPIs								
3.5.22	ARR	Rs/kWh	20.06	6.81	195%	8.86	7.64	16%
3.6.22	AMC	kWh/bill/Mth	267	286	-7%	294	315	-7%
3.7.22	ACPB	Rs/bill/Mth	5350	1950	174%	2601	2406	8%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5390 (94%)	5570 (100%)	-3%	53377 (92%)	55092 (91%)	-3%
2.01	Discom Losses	MU	391 (7%)	246 (4%)	59%	4193 (7%)	3944 (6%)	6%
2.02	Discom Input	MU	5630 (98%)	5557 (100%)	0%	56357 (97%)	58133 (96%)	-3%
4.10.4	Transmission Loss	MU	146 (3%)	148 (3%)	-2%	1497 (3%)	1554 (3%)	-4%
4.1.11	Discom Purchases	MU	5725	5556	3%	58180	60716	-4%
4.2.11	Power Purchase Cost	Rs. Cr	2933 (71%)	2824 (70%)	4%	30401 (73%)	33082 (75%)	-8%
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	1.9	2.0	-5%	1.8	1.9	-5%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.5	3.4	3%	3.4	2.9	17%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	8.1	5.4	50%	8.6	5.9	45%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	274 (7%)	300 (7%)	-9%	2358 (6%)	2556 (6%)	-8%
2.10	CTU Cost	Rs Cr	149 (4%)	144 (4%)	3%	1296 (3%)	1106 (3%)	17%
2.11	Distribution Network Cost	Rs Cr	779 (19%)	752 (19%)	4%	7492 (18%)	7392 (17%)	1%
2.12	O&M Cost	Rs Cr	536	465	15%	4885	4721	3%
2.13	HR Cost	Rs Cr	445	405	10%	4123	4009	3%
2.14	A&G Cost	Rs Cr	19	13	55%	200	172	16%
2.15	R & M Cost	Rs Cr	71	47	51%	561	540	4%
2.16	Depreciation	Rs Cr	193	164	17%	1656	1432	16%
2.17	ROCE	Rs Cr	13	76	-83%	391	537	-27%
2.18	Others	Rs Cr	37	47	-20%	561	702	-20%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	4135	4021	3%	41547	44136	-6%
7.2.2	ERC Disallowed Debt	Rs Cr	2305	1415	63%	21138	13127	61%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.12	5.08	1%	5.23	5.45	-4%
2.20	STU Cost per Unit	Rs/kWh	0.48	0.54	-11%	0.41	0.42	-4%
2.21	CTU Cost per Unit	Rs/kWh	0.26	0.26	0%	0.22	0.18	22%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.79	5.18	-65%	5.37	5.42	-1%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.36	1.35	1%	1.29	1.22	6%
2.23	Cost of Service per Unit	Rs/kWh	7.22	7.24	0%	7.14	7.27	-2%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.44	5.07	7%	5.70	6.00	-5%
2.25	STU Cost per Unit	Rs/kWh	0.51	0.25	101%	0.44	0.46	-5%
2.26	CTU Cost per Unit	Rs/kWh	0.28	0.26	6%	0.24	0.20	21%

2.27	Distribution Network Cost per Unit	Rs/kWh	1.45	1.35	7%		1.40	1.34	5%
2.28	ACS	Rs/kWh	7.67	7.22	6%		7.78	8.01	-3%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	4.28	2.54	68%		3.96	2.38	66%
AT&C Losses									
2.30	Collection η	%	100%	96%	4%		100%	92%	9%
2.31	Units Realized	MU	5239	5092	3%		52334	49830	5%
2.32	Units Unrealized	MU	391	465	-16%		4024	8303	-52%
2.33	AT&C Losses	%	7%	8%	-17%		7%	14%	-50%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	12.38	-0.41	3107%		1.08	-0.37	392%

*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	38 (1%)	34 (1%)	12%	251 (0%)	285 (1%)	-12%
3.1.2	31-75	239 (4%)	222 (4%)	8%	1742 (3%)	1768 (3%)	-1%
3.1.3	76-125	361 (7%)	370 (7%)	-2%	3179 (6%)	3165 (6%)	0%
3.1.4	126-225	389 (7%)	469 (8%)	-17%	4737 (9%)	4590 (8%)	3%
3.1.5	226-400	165 (3%)	174 (3%)	-6%	3332 (6%)	3037 (6%)	10%
3.1.6	>400	73 (1%)	64 (1%)	15%	2066 (4%)	2066 (4%)	0%
3.1.7	LT-1	1265 (23%)	1333 (24%)	-5%	15307 (29%)	14911 (27%)	3%
3.1.8	LT-2	308 (6%)	305 (5%)	1%	3138 (6%)	2996 (5%)	5%
3.1.9	LT-3	123 (2%)	119 (2%)	3%	1081 (2%)	1120 (2%)	-3%
3.1.10	LT-4	134 (2%)	139 (3%)	-4%	1226 (2%)	1234 (2%)	-1%
3.1.11	LT-5	1270 (24%)	1359 (24%)	-7%	12010 (23%)	13269 (24%)	-9%
3.1.12	LT-5 A (ii)	904 (17%)	1019 (18%)	-11%	9067 (17%)	10329 (19%)	-12%
3.1.13	LT-5 excluding A(ii)	365 (7%)	340 (6%)	7%	2943 (6%)	2940 (5%)	0%
3.1.14	LT	3099 (57%)	3256 (58%)	-5%	32762 (61%)	33531 (61%)	-2%
3.1.15	HT-1	6 (0%)	5 (0%)	12%	65 (0%)	58 (0%)	11%
3.1.16	HT-2	182 (3%)	167 (3%)	9%	1740 (3%)	1658 (3%)	5%
3.1.17	HT-3	1642 (30%)	1692 (30%)	-3%	15160 (28%)	16206 (29%)	-6%
3.1.18	HT-4	263 (5%)	257 (5%)	2%	2378 (4%)	2288 (4%)	4%
3.1.19	HT-5	166 (3%)	163 (3%)	2%	876 (2%)	982 (2%)	-11%
3.1.20	Rescos	32 (1%)	30 (1%)	8%	395 (1%)	368 (1%)	7%
3.1.21	HT	2291 (43%)	2314 (42%)	-1%	20614 (39%)	21561 (39%)	-4%
3.1.22	Discom Sales	5390	5570	-3%	53377	55092	-3%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3099	3256	-5%	32762	33531	-2%
3.2.1	11KV	533	508	5%	4796	4798	0%
3.2.2	33KV	590	580	2%	5417	5410	0%
3.2.3	EHT	1168	1188	-2%	10351	11342	-9%
3.1.22	Discom Sales	5390	5570	-3%	53377	55092	-3%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	44 (0%)	31 (1%)	41%	268 (1%)	255 (1%)	5%
3.3.2	31-75	110 (1%)	81 (2%)	35%	659 (1%)	649 (2%)	2%
3.3.3	76-125	173 (2%)	148 (4%)	17%	1245 (3%)	1245 (3%)	0%
3.3.4	126-225	236 (2%)	200 (5%)	18%	2256 (5%)	2133 (5%)	6%
3.3.5	226-400	118 (1%)	141 (4%)	-16%	2069 (4%)	1978 (5%)	5%
3.3.6	>400	52 (0%)	128 (3%)	-59%	1576 (3%)	1961 (5%)	-20%
3.3.7	LT-1	733 (7%)	729 (19%)	1%	8074 (17%)	8221 (20%)	-2%
3.3.8	LT-2	453 (4%)	392 (10%)	16%	3879 (8%)	3702 (9%)	5%
3.3.9	LT-3	333 (3%)	126 (3%)	165%	1310 (3%)	1182 (3%)	11%
3.3.10	LT-4	2520 (23%)	21 (1%)	-	2747 (6%)	569 (1%)	383%
3.3.11	LT-5	1076 (10%)	641 (17%)	68%	10667 (23%)	10259 (24%)	4%
3.3.12	LT-5 A (ii)	963 (9%)	523 (14%)	84%	9043 (19%)	8736 (21%)	4%
3.3.13	LT-5 excluding A(ii)	114 (1%)	118 (3%)	-3%	1623 (3%)	1523 (4%)	7%
3.3.14	LT	5116 (47%)	1908 (50%)	168%	26678 (56%)	23931 (57%)	11%
3.3.15	HT-1	16 (0%)	5 (0%)	233%	64 (0%)	48 (0%)	33%
3.3.16	HT-2	258 (2%)	227 (6%)	14%	2222 (5%)	2050 (5%)	8%
3.3.17	HT-3	1553 (14%)	1459 (38%)	6%	12757 (27%)	14256 (34%)	-11%

3.3.18	HT-4	746 (7%)	188 (5%)	298%	2401 (5%)	1716 (4%)	40%
3.3.19	HT-5	3120 (29%)	3 (0%)	-	3161 (7%)	89 (0%)	3449%
3.3.20	Rescos	1 (0%)	1 (0%)	6%	16 (0%)	15 (0%)	12%
3.3.21	HT	5694 (53%)	1883 (50%)	202%	20621 (44%)	18174 (43%)	13%
3.3.22	Discom Collections	10810	3792	185%	47299	42105	12%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	3,936,877(19%)	3,496,535(18%)	13%	3,936,877(19%)	3,496,535(18%)	13%
3.4.2	31-75	4,521,974(22%)	3,921,678(20%)	15%	4,521,974(22%)	3,921,678(20%)	15%
3.4.3	76-125	3,787,051(19%)	3,976,969(20%)	-5%	3,787,051(19%)	3,976,969(20%)	-5%
3.4.4	126-225	2,677,304(13%)	3,119,515(16%)	-14%	2,677,304(13%)	3,119,515(16%)	-14%
3.4.5	226-400	596,783(3%)	630,934(3%)	-5%	596,783(3%)	630,934(3%)	-5%
3.4.6	>400	106,366(1%)	116,502(1%)	-9%	106,366(1%)	116,502(1%)	-9%
3.4.7	LT-1	15,626,355(77%)	15,262,133(78%)	2%	15,626,355(77%)	15,262,133(78%)	2%
3.4.8	LT-2	1,789,714(9%)	1,728,458(9%)	4%	1,789,714(9%)	1,728,458(9%)	4%
3.4.9	LT-3	80,823(0%)	82,849(0%)	-2%	80,823(0%)	82,849(0%)	-2%
3.4.10	LT-4	375,907(2%)	367,053(2%)	2%	375,907(2%)	367,053(2%)	2%
3.4.11	LT-5	2,316,255(11%)	1,989,912(10%)	16%	2,316,255(11%)	1,989,912(10%)	16%
3.4.12	LT-5 A (ii)	1,979,603(10%)	1,909,386(10%)	4%	1,979,603(10%)	1,909,386(10%)	4%
3.4.13	LT-5 excluding A(ii)	336,652(2%)	80,526(0%)	318%	336,652(2%)	80,526(0%)	318%
3.4.14	LT	20,189,054(100%)	19,430,405(100%)	4%	20,189,054(100%)	19,430,405(100%)	4%
3.4.15	HT-1	135(0%)	128(0%)	5%	135(0%)	128(0%)	5%
3.4.16	HT-2	5,708(0%)	5,282(0%)	8%	5,708(0%)	5,282(0%)	8%
3.4.17	HT-3	6,915(0%)	6,774(0%)	2%	6,915(0%)	6,774(0%)	2%
3.4.18	HT-4	880(0%)	880(0%)	0%	880(0%)	880(0%)	0%
3.4.19	HT-5	722(0%)	723(0%)	0%	722(0%)	723(0%)	0%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,361(0%)	13,788(0%)	4%	14,361(0%)	13,788(0%)	4%
3.4.22	Discom Bills	20,203,415	19,444,193	4%	20,203,415	19,444,193	4%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	11.57	9.14	27%	10.69	8.96	19%
3.5.2	31-75	4.58	3.67	25%	3.78	3.67	3%
3.5.3	76-125	4.80	4.01	20%	3.92	3.93	0%
3.5.4	126-225	6.07	4.26	43%	4.76	4.65	2%
3.5.5	226-400	7.17	8.07	-11%	6.21	6.51	-5%
3.5.6	>400	7.11	20.07	-65%	7.63	9.49	-20%
3.5.7	LT-1	5.79	5.47	6%	5.27	5.51	-4%
3.5.8	LT-2	14.73	12.84	15%	12.36	12.35	0%
3.5.9	LT-3	27.20	10.55	158%	12.12	10.55	15%
3.5.10	LT-4	187.48	1.49	-	22.41	4.61	386%
3.5.11	LT-5	8.48	4.72	80%	8.88	7.73	15%
3.5.12	LT-5 A (ii)	10.64	5.13	107%	9.97	8.46	18%
3.5.13	LT-5 excluding A(ii)	3.12	3.46	-10%	5.52	5.18	7%
3.5.14	LT	16.51	5.86	182%	8.14	7.14	14%
3.5.15	HT-1	26.37	8.86	198%	9.83	8.24	19%
3.5.16	HT-2	14.21	13.57	5%	12.77	12.37	3%
3.5.17	HT-3	9.46	8.62	10%	8.41	8.80	-4%
3.5.18	HT-4	28.41	7.30	289%	10.09	7.50	35%
3.5.19	HT-5	188.11	0.21	-	36.09	0.91	3881%
3.5.20	Rescos	0.39	0.40	-2%	0.42	0.40	4%
3.5.21	HT	24.86	8.14	205%	10.00	8.43	19%
3.5.22	ARR	20.06	6.81	195%	8.86	7.64	16%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	10	-1%	7	9	-22%
3.6.2	31-75	53	57	-6%	43	50	-15%
3.6.3	76-125	95	93	2%	93	88	5%
3.6.4	126-225	145	150	-3%	197	163	20%
3.6.5	226-400	276	277	0%	620	535	16%
3.6.6	>400	689	547	26%	2158	1970	10%
3.6.7	LT-1	81	87	-7%	109	109	0%
3.6.8	LT-2	172	177	-3%	195	193	1%
3.6.9	LT-3	1517	1441	5%	1487	1502	-1%
3.6.10	LT-4	358	380	-6%	362	374	-3%
3.6.11	LT-5	548	683	-20%	576	741	-22%
3.6.12	LT-5 A (ii)	457	533	-14%	509	601	-15%
3.6.13	LT-5 excluding A(ii)	1085	4228	-74%	971	4057	-76%
3.6.14	LT	154	168	-8%	180	192	-6%
3.6.15	HT-1	43630	41094	6%	53251	50469	6%
3.6.16	HT-2	31822	31694	0%	33880	34875	-3%
3.6.17	HT-3	237488	249782	-5%	243592	265826	-8%
3.6.18	HT-4	298443	291807	2%	300309	288938	4%
3.6.19	HT-5	229695	224896	2%	134809	150987	-11%
3.6.20	Rescos	32480000	30210000	8%	43856667	40856279	7%
3.6.21	HT	159509	167848	-5%	159493	173750	-8%
3.6.22	AMC	267	286	-7%	294	315	-7%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	111	89	25%	76	81	-7%
3.7.2	31-75	242	207	17%	162	184	-12%
3.7.3	76-125	458	373	23%	365	348	5%
3.7.4	126-225	882	641	38%	936	760	23%
3.7.5	226-400	1979	2232	-11%	3852	3483	11%
3.7.6	>400	4895	10982	-55%	16468	18704	-12%
3.7.7	LT-1	469	478	-2%	574	598	-4%
3.7.8	LT-2	2532	2268	12%	2408	2380	1%
3.7.9	LT-3	41259	15194	172%	18012	15847	14%
3.7.10	LT-4	67039	564	-	8121	1721	372%
3.7.11	LT-5	4647	3220	44%	5117	5728	-11%
3.7.12	LT-5 A (ii)	4862	2738	78%	5076	5084	0%
3.7.13	LT-5 excluding A(ii)	3384	14647	-77%	5358	21014	-75%
3.7.14	LT	2534	982	158%	1468	1368	7%
3.7.15	HT-1	1150370	364063	216%	523715	416048	26%
3.7.16	HT-2	452260	430178	5%	432597	431298	0%
3.7.17	HT-3	2245785	2154060	4%	2049746	2338294	-12%
3.7.18	HT-4	8477614	2131364	298%	3031471	2167083	40%
3.7.19	HT-5	43207895	47441	-	4865230	136893	3454%
3.7.20	Rescos	12800000	12100000	6%	18261512	16333623	12%
3.7.21	HT	3964599	1365854	190%	1595474	1464557	9%
3.7.22	ACPB	5350	1950	174%	2601	2406	8%

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	2819 (49%)	2159 (39%)	31%	2421 (40%)	16%	23401 (40%)	21520 (35%)	9%	25404 (42%)	-8%
4.1.2	State Hydel	214 (4%)	189 (3%)	13%	232 (4%)	-8%	3018 (5%)	1580 (3%)	91%	3115 (5%)	-3%
4.1.3	CGS	832 (15%)	816 (15%)	2%	862 (14%)	-3%	8105 (14%)	8549 (14%)	-5%	7713 (13%)	5%
4.1.4	Gas	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	0 (0%)	- 100%	0 (0%)	-
4.1.5	IPPs	759 (13%)	715 (13%)	6%	1197 (20%)	-37%	7333 (13%)	8181 (13%)	-10%	10824 (18%)	-32%
4.1.6	VRE-Wind	248 (4%)	386 (7%)	-36%	285 (5%)	-13%	6043 (10%)	6557 (11%)	-8%	5569 (9%)	9%
4.1.7	VRE-Solar	493 (9%)	518 (9%)	-5%	1067 (18%)	-54%	5417 (9%)	5159 (8%)	5%	6946 (11%)	-22%
4.1.8	RE-Others	23 (0%)	23 (0%)	-2%	30 (0%)	-23%	215 (0%)	194 (0%)	11%	264 (0%)	-18%
4.1.9	Markets	336 (6%)	750 (13%)	-55%	0 (0%)	-	4621 (8%)	8593 (14%)	-46%	1037 (2%)	346%
4.1.10	Others*	0 (0%)	0 (0%)	-	0 (0%)	-	27 (0%)	383 (1%)	-93%	0 (0%)	-
4.1.11	Discom Purchases	5725	5556	3%	6093	-6%	58180	60716	-4%	60872	-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	1537 (52%)	1132 (40%)	36%	1377 (48%)	12%	13313 (44%)	12251 (37%)	9%	13978 (50%)	-5%
4.2.2	State Hydel	52 (2%)	54 (2%)	-4%	60 (2%)	-15%	496 (2%)	482 (1%)	3%	544 (2%)	-9%
4.2.3	CGS	454 (15%)	422 (15%)	8%	362 (13%)	25%	4354 (14%)	4634 (14%)	-6%	3259 (12%)	34%
4.2.4	Gas	1 (0%)	0 (0%)	-	2 (0%)	-29%	64 (0%)	0 (0%)	-	14 (0%)	378%
4.2.5	IPPs	356 (12%)	312 (11%)	14%	515 (18%)	-31%	3604 (12%)	3689 (11%)	-2%	4680 (17%)	-23%
4.2.6	VRE-Wind	110 (4%)	147 (5%)	-25%	134 (5%)	-18%	2825 (9%)	3046 (9%)	-7%	2618 (9%)	8%
4.2.7	VRE-Solar	217 (7%)	226 (8%)	-4%	408 (14%)	-47%	2475 (8%)	2311 (7%)	7%	2653 (9%)	-7%
4.2.8	RE-Others	13 (0%)	16 (1%)	-21%	19 (1%)	-34%	122 (0%)	120 (0%)	2%	171 (1%)	-28%
4.2.9	Markets	193 (7%)	515 (18%)	-62%	0 (0%)	-	3154 (10%)	6385 (19%)	-51%	277 (1%)	1040%
4.2.10	Others*	0 (0%)	1 (0%)	-80%	0 (0%)	-	-6 (0%)	164 (0%)	-104%	0 (0%)	-
4.2.11	Power Purchase Cost	2933	2824	4%	2877	2%	30401	33082	-8%	28193	8%

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	428	268	60%	521	-18%	3542	2502	42%	4686	-24%
4.3.2	State Hydel	52	54	-4%	60	-15%	496	482	3%	544	-9%
4.3.3	CGS	122	117	4%	80	52%	1100	1113	-1%	719	53%
4.3.4	Gas	1	0	-	2	-29%	64	0	-	14	378%
4.3.5	IPPs	148	124	20%	181	-18%	1320	1279	3%	1633	-19%
4.3.6	Others*	0	1	-80%	0	-	7	11	-32%	0	-
4.3.7	Fixed Cost	750	563	33%	844	-11%	6528	5386	21%	7595	-14%

*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	1109	863	28%	856	30%	9771	9749	0%	9292	5%
4.4.2	CGS	333	305	9%	282	18%	3254	3522	-8%	2541	28%
4.4.3	Gas	0	0	-	0	-	0	0	-	0	-
4.4.4	IPPs	208	188	11%	333	-38%	2284	2410	-5%	3047	-25%
4.4.5	VRE-Wind	110	147	-25%	134	-18%	2825	3046	-7%	2618	8%
4.4.6	VRE-Solar	217	226	-4%	408	-47%	2475	2311	7%	2653	-7%
4.4.7	RE-Others	12	15	-21%	18	-33%	118	116	2%	161	-27%
4.4.8	Markets	193	515	-62%	0	-	3154	6384	-51%	277	1039%
4.4.9	Others*	0	0	-	0	-	-13	154	-109%	0	-
4.4.10	Variable Cost	2182	2260	-3%	2032	7%	23868	27690	-14%	20589	16%

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	5.45	5.24	4%	5.69	-4%	5.69	5.69	0%	5.50	3%
4.5.2	State Hydel	2.41	2.84	-15%	2.61	-8%	1.64	3.05	-46%	1.75	-6%
4.5.3	CGS	5.46	5.18	5%	4.20	30%	5.37	5.42	-1%	4.23	27%
4.5.4	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.5.5	IPPs	4.69	4.36	7%	4.30	9%	4.91	4.51	9%	4.32	14%
4.5.6	VRE-Wind	4.43	3.80	17%	4.70	-6%	4.67	4.64	1%	4.70	-1%
4.5.7	VRE-Solar	4.39	4.36	1%	3.82	15%	4.57	4.48	2%	3.82	20%
4.5.8	RE-Others	5.51	6.88	-20%	6.47	-15%	5.68	6.19	-8%	6.48	-12%
4.5.9	Markets	5.75	6.87	-16%	0.00	-	6.83	7.43	-8%	2.67	156%
4.5.10	Others*	0.00	0.00	-	0.00	-	-2.16	4.29	-150%	0.00	-
4.5.11	Weighted Average	5.12	5.08	1%	4.72	9%	5.23	5.45	-4%	4.63	13%

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	1.24	22%	2.15	-29%	1.51	1.16	30%	1.84	-18%
4.6.2	State Hydel	2.41	2.84	-15%	2.61	-8%	1.64	3.05	-46%	1.75	-6%
4.6.3	CGS	1.46	1.43	2%	0.93	58%	1.36	1.30	4%	0.93	46%
4.6.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.6.5	IPPs	1.95	1.73	13%	1.52	29%	1.80	1.56	15%	1.51	19%
4.6.6	Others*	0.00	0.00	-	0.00	-	2.66	0.28	855%	0.00	-
4.6.7	Average FC	1.31	1.01	29%	1.39	-5%	1.12	0.89	26%	1.25	-10%

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	3.94	4.00	-2%	3.54	11%	4.18	4.53	-8%	3.66	14%
4.7.2	CGS	4.00	3.74	7%	3.28	22%	4.01	4.12	-3%	3.29	22%
4.7.3	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.7.4	IPPs	2.74	2.63	4%	2.78	-2%	3.11	2.95	6%	2.81	11%
4.7.5	VRE-Wind	4.43	3.80	17%	4.70	-6%	4.67	4.64	1%	4.70	-1%
4.7.6	VRE-Solar	4.39	4.36	1%	3.82	15%	4.57	4.48	2%	3.82	20%
4.7.7	RE-Others	5.51	6.88	-20%	6.47	-15%	5.68	6.19	-8%	6.48	-12%
4.7.8	Markets	5.75	6.87	-16%	0.00	-	6.83	7.43	-8%	2.67	156%
4.7.9	Others*	0.00	0.00	-	0.00	-	-4.81	4.01	-220%	0.00	-
4.7.10	Average VC	3.81	4.07	-6%	3.33	14%	4.10	4.56	-10%	3.38	21%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1686	1651	2%	18660	20135	-7%
4.8.2	11KV	290	258	13%	2731	2881	-5%
4.8.3	33KV	321	294	9%	3085	3249	-5%
4.8.4	EHT	635	602	6%	5896	6811	-13%
4.2.11	Power Purchase Cost	2933	2824	4%	30401	33082	-8%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2377	2351	1%	25501	26863	-5%
4.9.2	11KV	409	367	11%	3733	3843	-3%
4.9.3	33KV	453	419	8%	4217	4334	-3%
4.9.4	EHT	896	857	4%	8057	9086	-11%
2.19	Cost of Service	4135	3994	4%	41507	44127	-6%

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	142	34	319%	1449	1171	24%
4.10.2	11KV	127	102	25%	1352	1304	4%
4.10.3	33KV	123	110	11%	1392	1470	-5%
4.10.4	EHT	146	148	-2%	1497	1554	-4%
4.10.5	Loss	537	395	36%	5690	5498	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	2461	2392	3%	26320	27652	-5%
4.11.2	11KV	405	370	10%	3690	3823	-3%
4.11.3	33KV	433	411	6%	4028	4173	-3%
4.11.4	EHT	835	821	2%	7470	8479	-12%
2.19	Cost of Service	4135	3994	4%	41507	44127	-6%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	7.9	7.3	8%	8.0	8.2	-3%
4.12.2	11KV	7.6	7.3	4%	7.7	8.0	-3%
4.12.3	33KV	7.3	7.1	4%	7.4	7.7	-4%
4.12.4	EHT	7.2	6.9	3%	7.2	7.5	-3%
2.28	ACS	7.7	7.2	7%	7.8	8.0	-3%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2814	3965	3430	3397	13606
5.1.2	Agriculture Subsidy	2447	3498	3307	2216	11468
5.1.3	Aquaculture Subsidy	367	467	123	185	1141
5.1.4	SC Colonies Subsidy	0	0	0	159	159
5.1.5	ST Thandas Subsidy	0	0	0	36	36
5.1.6	Other Subsidy	0	0	0	802	802
5.1.7	Govt Agencies	727	549	7236	1341	9853
5.1.8	Panchayats	83	21	2659	525	3289
5.1.9	WR Dept	17	0	3313	415	3746
5.1.10	ULB	87	19	426	214	745
5.1.11	Other Govt Dept	539	508	838	186	2072
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	8787	9303	37883
5.1.15	Total	13789	14058	19453	14041	61341
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	1273	1206	518	67	133%	6%
5.2.2	Agriculture Subsidy	739	903	1206	518	-303	133%	63%
5.2.3	Aquaculture Subsidy	62	78	0	0	78	-	-100%
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	223	0	0	223	-	-100%
5.2.7	Govt Agencies	447	765	6899	175	-6134	3836%	1444%
5.2.8	Panchayats	175	227	2651	5	-2424	-	1414%
5.2.9	WR Dept	138	243	3312	1	-3069	-	2294%
5.2.10	ULB	71	78	417	10	-339	4152%	484%
5.2.11	Other Govt Dept	62	217	519	160	-302	224%	736%
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	3101	2706	3098	395	-13%	-13%
5.2.15	Total	4680	5139	10810	3791	-5671	185%	131%
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	10192	11447	10209	9460	13629	13726	8%	0%
5.3.2	Agriculture Subsidy	9760	6649	8310	9252	8690	8818	10663	6%	39%
5.3.3	Aquaculture Subsidy	1460	554	605	957	563	1108	1179	70%	73%
5.3.4	SC Colonies Subsidy	882	476	582	0	207	1464	1024	-100%	-100%
5.3.5	ST Thandas Subsidy	277	108	130	0	0	407	320	-	-100%
5.3.6	Other Subsidy	12	2406	1819	0	0	1831	540	-	-100%
5.3.7	Govt Agencies	15166	4022	5508	8512	1977	12162	15623	331%	112%
5.3.8	Panchayats	6654	1576	1631	2764	363	5521	6889	662%	75%
5.3.9	WR Dept	7233	1245	1408	3331	81	5309	6796	4005%	168%

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11508	9937	8955	9432	39833
6.1.2	State Thermal	4870	3961	4482	4724	18037
6.1.3	State Hydel	170	171	154	181	677
6.1.4	CGS	1561	1437	1355	1060	5413
6.1.5	IPPs Gas	0	0	64	5	69
6.1.6	IPPs Thermal	1245	1090	1269	1520	5124
6.1.7	VRE- Wind	909	1635	280	461	3285
6.1.8	VRE- Solar	1044	717	714	1426	3901
6.1.9	Other-NCE	40	44	38	56	178
6.1.10	Market	1637	876	642	0	3154
6.1.11	Other	32	5	-43	0	-6
6.1.12	CTU Cost	445	409	442	361	1657
6.1.13	STU Cost	751	806	801	1013	3371
6.1.14	Distribution Cost	2624	2522	2346	2855	10347
6.1.15	O&M Cost	1625	1642	1618	1938	6822
6.1.16	HR Cost	1374	1395	1355	1585	5709
6.1.17	A&G Cost	64	68	68	87	288
6.1.18	R&M Cost	187	179	195	265	826
6.1.19	Depreciation	533	564	559	532	2188
6.1.20	ROCE	313	39	39	437	828
6.1.21	Others	153	277	131	-52	508
6.1.22	Cost of Service	15328	13675	12544	13661	55207
7.1.1	Capex Debt service (P+I)	524	662	555	0	1741
7.1.2	Opex Debt service (P+I)	5958	7499	7382	0	20839

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2877	2933	3089	2180	-156	42%	7%
6.2.2	State Thermal	1377	1537	1375	695	162	98%	0%
6.2.3	State Hydel	60	52	55	54	-3	2%	-9%
6.2.4	CGS	362	454	553	344	-99	61%	53%
6.2.5	IPPs Gas	2	1	0	0	1	-	-100%
6.2.6	IPPs Thermal	515	356	334	282	22	18%	-35%
6.2.7	VRE- Wind	134	110	461	382	-351	21%	244%
6.2.8	VRE- Solar	408	217	113	76	104	49%	-72%
6.2.9	Other-NCE	19	13	13	1	0	1200%	-33%
6.2.10	Market	0	193	185	346	8	-47%	-
6.2.11	Other	0	0	0	0	0	-	-
6.2.12	CTU Cost	120	149	129	103	20	25%	7%
6.2.13	STU Cost	338	274	141	99	133	42%	-58%
6.2.14	Distribution Cost	952	779	668	614	111	9%	-30%
6.2.15	O&M Cost	646	536	575	470	-39	22%	-11%
6.2.16	HR Cost	528	445	507	405	-62	25%	-4%
6.2.17	A&G Cost	29	19	20	17	-1	18%	-31%
6.2.18	R&M Cost	88	71	48	48	23	0%	-46%
6.2.19	Depreciation	177	193	60	128	0	-53%	-66%
6.2.20	ROCE	146	13	13	0	0	-	-91%
6.2.21	Others	-17	37	20	16	17	25%	-215%
6.2.22	Cost of Service	4286	4135	4027	2996	108	34%	-6%
7.2.1	Capex Debt service (P+I)	0	179	179	159	0	13%	-
7.2.2	Opex Debt service (P+I)	0	2000	2305	1415	-305	63%	-

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	28193	30401	33110	33705	4396	4028	-2%	17%
6.3.2	State Thermal	-1261	13978	13313	15232	12147	-3180	2572	25%	9%
6.3.3	State Hydel	130	544	496	636	486	-10	122	31%	17%
6.3.4	CGS	1638	3259	4354	5683	5923	309	651	-4%	74%
6.3.5	IPPs Gas	83	14	64	1	3	146	0	-67%	-93%
6.3.6	IPPs Thermal	1954	4680	3604	3182	3617	2376	206	-12%	-32%
6.3.7	VRE- Wind	1086	2618	2825	2782	4602	1129	386	-40%	6%
6.3.8	VRE- Solar	671	2653	2475	1197	1249	1949	91	-4%	-55%
6.3.9	Other-NCE	58	171	122	148	187	32	0	-21%	-13%
6.3.10	Market	2746	277	3154	4249	5491	1651	0	-23%	1435%
6.3.11	Other	0	0	-6	0	0	-6	0	-	-
6.3.12	CTU Cost	26	1083	1296	1236	1215	86	0	2%	14%
6.3.13	STU Cost	3182	3038	2358	1838	1629	3702	1967	13%	-39%
6.3.14	Distribution Cost	0	8565	7492	6494	5706	999	0	14%	-24%
6.3.15	O&M Cost	0	5813	4885	5049	4599	-164	0	10%	-13%
6.3.16	HR Cost	0	4756	4123	4351	3844	-228	0	13%	-9%
6.3.17	A&G Cost	0	262	200	201	210	-1	0	-4%	-23%
6.3.18	R&M Cost	0	795	561	497	545	64	0	-9%	-37%
6.3.19	Depreciation	0	1597	1656	821	403	0	0	104%	-49%
6.3.20	ROCE	0	1312	391	79	76	0	0	4%	-94%
6.3.21	Others	0	-157	561	544	628	16	0	-13%	-448%
6.3.22	Cost of Service	10313	40879	41547	42678	42255	9182	5995	1%	4%
7.3.1	Capex Debt service (P+I)	0	0	1741	1741	1368	0	0	27%	-
7.3.2	Opex Debt service (P+I)	0	0	20839	21138	13127	-299	0	61%	-

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	555	0	1741
7.1.2	ERC disallowable-Opex Debt	5958	7499	7382	0	20839
7.1.3	Debt Servicing	6482	8161	7937	0	22580

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	179	179	159	0	13%	-
7.2.2	ERC disallowable-Opex Debt	0	2000	2305	1415	-305	63%	-
7.2.3	Debt Servicing	0	2179	2484	1574	-305	58%	-

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	1741	1741	1368	0	0	27%	-
7.3.2	ERC disallowable-Opex Debt	0	0	20839	21138	13127	-299	0	61%	-
7.3.3	Debt Servicing	0	0	22580	22879	14495	-299	0	58%	-

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	6412	6789	-6%	20671	19215	8%	27083	26004	4%
7.4.2	PFC	3486	3451	1%	24129	19852	22%	27615	23303	19%
7.4.3	APPFCL	0	0	-	8602	8584	0%	8602	8584	0%
7.4.4	BANKS	949	1104	-14%	1337	1609	-17%	2286	2713	-16%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2397	1990	20%	2397	1990	20%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	0	9	-	0	0	-	0	9	-100%
7.4.9	OTHERS	1834	1399	31%	2509	2902	-14%	4343	4301	1%
7.4.10	Debt Outstanding	12681	12752	-1%	59645	54152	10%	72326	66904	8%

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	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}}$ (Rs Lacs/MW/Month)
2.07	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}}$ (Rs Lacs/MW/Month)
2.08	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)} \times 100}{\text{Total Distribution Capacity Contracted by Discoms (MW)}}$ (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