

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators July-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	4910 (88%)	5025 (84%)	-2%	20471 (82%)	20302 (82%)	1%
3.1.12	Agl Consumption	MU	640 (12%)	955 (16%)	-33%	4469 (18%)	4550 (18%)	-2%
3.1.22	Discom Sales	MU	5550	5980	-7%	24941	24852	0%
1.02	Private Sales	MU	3972 (72%)	4124 (69%)	-4%	16470 (66%)	16294 (66%)	1%
1.03	Government Sales	MU	512 (9%)	515 (9%)	-1%	2227 (9%)	2119 (9%)	5%
1.04	Government Subsidy	MU	1066 (19%)	1341 (22%)	-20%	6244 (25%)	6439 (26%)	-3%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	21742	23526	-8%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3253	3585	-9%	13501	13702	-1%
5.2.7	Gov Sales	Rs Cr	189	314	-40%	916	1057	-13%
5.2.1	Gov Subsidy	Rs Cr	1868	662	182%	4682	3555	32%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	5310	4561	16%	19099	18313	4%
1.07	Metered Sales	Rs Cr	3539	4147	-17%	14861	15243	-3%
3.3.12	Agl Consumption	Rs Cr	1772	415	77%	4238	3075	27%
1.08	Revenue from Sale	Rs Cr	4889	4916	-1%	20448	17641	16%
1.09	Adj Revenue from Sale	Rs Cr	4832	4576	6%	21100	17192	23%
1.10	Closing Debtors	Rs Cr	22088	23853	-7%	22088	23853	-7%
1.11	Adj Closing Debtors	Rs Cr	22088	23853	-7%	22088	23853	-7%
KPIs								
3.5.22	ARR	Rs/kWh	9.57	7.63	25%	7.66	7.37	4%
3.6.22	AMC	kWh/bill/Mth	281	311	-10%	316	323	-2%
3.7.22	ACPB	Rs/bill/Mth	2689	2374	13%	2417	2383	1%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5550 (87%)	5980 (89%)	-7%	24941 (91%)	24852 (90%)	0%
2.01	Discom Losses	MU	365 (6%)	286 (4%)	28%	2047 (7%)	1833 (7%)	12%
2.02	Discom Input	MU	5745 (90%)	6220 (92%)	-6%	26326 (96%)	26411 (96%)	1%
4.10.4	Transmission Loss	MU	161 (3%)	148 (2%)	9%	713 (3%)	709 (3%)	0%
4.1.11	Discom Purchases	MU	6378	6752	-6%	27298	27633	-1%
4.2.11	Power Purchase Cost	Rs. Cr	3386 (72%)	3631 (76%)	-7%	14895 (74%)	14847 (76%)	0%
Contracted Network Capacity (MW)								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	1638	156%	4199	1775	137%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.7	1.7	0%	1.7	1.9	-12%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.4	7.7	-56%	3.5	7.9	-56%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	9.8	5.5	78%	9.3	5.5	69%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	247 (5%)	254 (5%)	-3%	998 (5%)	1151 (6%)	-13%
2.10	CTU Cost	Rs Cr	142 (3%)	126 (3%)	12%	587 (3%)	560 (3%)	5%
2.11	Distribution Network Cost	Rs Cr	950 (20%)	765 (16%)	24%	3574 (18%)	3024 (15%)	18%
2.12	O&M Cost	Rs Cr	560	516	9%	2185	1891	16%
2.13	HR Cost	Rs Cr	472	429	10%	1846	1584	17%
2.14	A&G Cost	Rs Cr	25	23	9%	89	75	19%
2.15	R & M Cost	Rs Cr	63	64	-2%	250	231	8%
2.16	Depreciation	Rs Cr	192	147	31%	725	599	21%
2.17	ROCE	Rs Cr	0	55	-100%	274	198	38%
2.18	Others	Rs Cr	198	47	321%	390	336	16%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	4725	4776	-1%	20054	19582	2%
7.2.2	ERC Disallowed Debt	Rs Cr	1615	1373	18%	3722	4446	-16%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.31	5.38	-1%	5.46	5.37	2%
2.20	STU Cost per Unit	Rs/kWh	0.39	0.38	3%	0.37	0.42	-12%
2.21	CTU Cost per Unit	Rs/kWh	0.22	0.19	19%	0.21	0.20	6%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.90	6.09	-69%	5.21	5.71	-9%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.49	1.13	32%	1.31	1.09	20%
2.23	Cost of Service per Unit	Rs/kWh	7.41	7.07	5%	7.35	7.09	4%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	6.10	6.07	0%	5.97	5.97	0%
2.25	STU Cost per Unit	Rs/kWh	0.45	0.22	106%	0.40	0.46	-14%
2.26	CTU Cost per Unit	Rs/kWh	0.26	0.21	21%	0.24	0.23	4%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.71	1.28	34%	1.43	1.22	18%

2.28	ACS	Rs/kWh	8.51	7.99	7%		8.04	7.88	2%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	2.91	2.30	27%		1.49	1.79	-17%
AT&C Losses									
2.30	Collection η	%	92%	86%	6%		96%	52%	85%
2.31	Units Realized	MU	4938	5128	-4%		23379	12701	84%
2.32	Units Unrealized	MU	807	1092	-26%		2947	13709	-79%
2.33	AT&C Losses	%	14%	18%	-20%		11%	52%	-78%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	1.06	-0.36	395%		-0.38	-0.51	25%

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

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	27 (0%)	33 (1%)	-19%	110 (0%)	129 (1%)	-15%
3.1.2	31-75	186 (3%)	186 (3%)	0%	733 (3%)	765 (3%)	-4%
3.1.3	76-125	344 (6%)	324 (5%)	6%	1354 (5%)	1348 (5%)	0%
3.1.4	126-225	542 (10%)	468 (8%)	16%	2119 (8%)	1968 (8%)	8%
3.1.5	226-400	435 (8%)	456 (8%)	-5%	1780 (7%)	1552 (6%)	15%
3.1.6	>400	194 (4%)	315 (5%)	-38%	1363 (5%)	1307 (5%)	4%
3.1.7	LT-1	1728 (31%)	1782 (30%)	-3%	7459 (30%)	7070 (28%)	6%
3.1.8	LT-2	344 (6%)	341 (6%)	1%	1457 (6%)	1360 (5%)	7%
3.1.9	LT-3	119 (2%)	125 (2%)	-4%	499 (2%)	515 (2%)	-3%
3.1.10	LT-4	129 (2%)	133 (2%)	-4%	547 (2%)	543 (2%)	1%
3.1.11	LT-5	937 (17%)	1275 (21%)	-26%	5781 (23%)	5865 (24%)	-1%
3.1.12	LT-5 A (ii)	640 (12%)	955 (16%)	-33%	4469 (18%)	4550 (18%)	-2%
3.1.13	LT-5 excluding A(ii)	297 (5%)	320 (5%)	-7%	1311 (5%)	1316 (5%)	0%
3.1.14	LT	3256 (59%)	3656 (61%)	-11%	15743 (63%)	15353 (62%)	3%
3.1.15	HT-1	7 (0%)	6 (0%)	11%	31 (0%)	27 (0%)	11%
3.1.16	HT-2	189 (3%)	192 (3%)	-2%	783 (3%)	778 (3%)	1%
3.1.17	HT-3	1742 (31%)	1827 (31%)	-5%	6984 (28%)	7401 (30%)	-6%
3.1.18	HT-4	260 (5%)	247 (4%)	5%	1075 (4%)	1005 (4%)	7%
3.1.19	HT-5	63 (1%)	14 (0%)	338%	141 (1%)	127 (1%)	10%
3.1.20	Rescos	32 (1%)	37 (1%)	-12%	185 (1%)	161 (1%)	15%
3.1.21	HT	2293 (41%)	2324 (39%)	-1%	9198 (37%)	9499 (38%)	-3%
3.1.22	Discom Sales	5550	5980	-7%	24941	24852	0%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3256	3656	-11%	15743	15353	3%
3.2.1	11KV	522	531	-2%	2219	2139	4%
3.2.2	33KV	616	583	6%	2436	2422	1%
3.2.3	EHT	1155	1210	-5%	4543	4964	-8%
3.1.22	Discom Sales	5550	5980	-7%	24941	24852	0%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	29 (1%)	27 (1%)	5%	112 (1%)	103 (1%)	9%
3.3.2	31-75	69 (1%)	68 (1%)	2%	268 (1%)	266 (1%)	1%
3.3.3	76-125	132 (2%)	128 (3%)	4%	511 (3%)	500 (3%)	2%
3.3.4	126-225	257 (5%)	222 (5%)	15%	987 (5%)	870 (5%)	13%
3.3.5	226-400	291 (5%)	299 (7%)	-3%	1088 (6%)	925 (5%)	18%
3.3.6	>400	164 (3%)	380 (8%)	-57%	1001 (5%)	1039 (6%)	-4%
3.3.7	LT-1	941 (18%)	1124 (25%)	-16%	3966 (21%)	3704 (20%)	7%
3.3.8	LT-2	425 (8%)	449 (10%)	-5%	1756 (9%)	1630 (9%)	8%
3.3.9	LT-3	122 (2%)	135 (3%)	-9%	517 (3%)	531 (3%)	-3%
3.3.10	LT-4	21 (0%)	76 (2%)	-72%	158 (1%)	443 (2%)	-64%
3.3.11	LT-5	1898 (36%)	782 (17%)	143%	4886 (26%)	3931 (21%)	24%
3.3.12	LT-5 A (ii)	1772 (33%)	415 (9%)	327%	4238 (22%)	3075 (17%)	38%
3.3.13	LT-5 excluding A(ii)	127 (2%)	366 (8%)	-65%	648 (3%)	856 (5%)	-24%
3.3.14	LT	3408 (64%)	2565 (56%)	33%	11284 (59%)	10239 (56%)	10%
3.3.15	HT-1	6 (0%)	7 (0%)	-13%	26 (0%)	22 (0%)	18%
3.3.16	HT-2	232 (4%)	253 (6%)	-8%	1050 (5%)	914 (5%)	15%
3.3.17	HT-3	1453 (27%)	1517 (33%)	-4%	5841 (31%)	6307 (34%)	-7%

3.3.18	HT-4	207 (4%)	216 (5%)	-4%	859 (4%)	780 (4%)	10%
3.3.19	HT-5	3 (0%)	4 (0%)	-22%	30 (0%)	49 (0%)	-38%
3.3.20	Rescos	1 (0%)	1 (0%)	1%	8 (0%)	6 (0%)	26%
3.3.21	HT	1903 (36%)	1997 (44%)	-5%	7814 (41%)	8079 (44%)	-3%
3.3.22	Discom Collections	5311	4562	16%	19099	18318	4%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	32,65,392(17%)	31,40,413(16%)	4%	32,65,392(17%)	31,40,413(16%)	4%
3.4.2	31-75	34,97,696(18%)	34,41,578(18%)	2%	34,97,696(18%)	34,41,578(18%)	2%
3.4.3	76-125	34,74,455(18%)	32,72,208(17%)	6%	34,74,455(18%)	32,72,208(17%)	6%
3.4.4	126-225	32,98,091(17%)	29,20,539(15%)	13%	32,98,091(17%)	29,20,539(15%)	13%
3.4.5	226-400	14,98,910(8%)	15,21,617(8%)	-1%	14,98,910(8%)	15,21,617(8%)	-1%
3.4.6	>400	4,67,665(2%)	8,03,297(4%)	-42%	4,67,665(2%)	8,03,297(4%)	-42%
3.4.7	LT-1	1,55,02,209(78%)	1,50,99,652(79%)	3%	1,55,02,209(78%)	1,50,99,652(79%)	3%
3.4.8	LT-2	17,65,628(9%)	16,98,044(9%)	4%	17,65,628(9%)	16,98,044(9%)	4%
3.4.9	LT-3	81,249(0%)	81,235(0%)	0%	81,249(0%)	81,235(0%)	0%
3.4.10	LT-4	3,72,719(2%)	3,59,962(2%)	4%	3,72,719(2%)	3,59,962(2%)	4%
3.4.11	LT-5	20,16,924(10%)	19,62,590(10%)	3%	20,16,924(10%)	19,62,590(10%)	3%
3.4.12	LT-5 A (ii)	19,37,322(10%)	18,82,115(10%)	3%	19,37,322(10%)	18,82,115(10%)	3%
3.4.13	LT-5 excluding A(ii)	79,602(0%)	80,475(0%)	-1%	79,602(0%)	80,475(0%)	-1%
3.4.14	LT	1,97,38,729(100%)	1,92,01,483(100%)	3%	1,97,38,729(100%)	1,92,01,483(100%)	3%
3.4.15	HT-1	136(0%)	126(0%)	8%	136(0%)	126(0%)	8%
3.4.16	HT-2	5,523(0%)	5,102(0%)	8%	5,523(0%)	5,102(0%)	8%
3.4.17	HT-3	6,866(0%)	6,699(0%)	2%	6,866(0%)	6,699(0%)	2%
3.4.18	HT-4	863(0%)	861(0%)	0%	863(0%)	861(0%)	0%
3.4.19	HT-5	719(0%)	726(0%)	-1%	719(0%)	726(0%)	-1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,108(0%)	13,515(0%)	4%	14,108(0%)	13,515(0%)	4%
3.4.22	Discom Bills	1,97,52,837	1,92,14,998	3%	1,97,52,837	1,92,14,998	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	10.67	8.27	29%	10.15	7.96	27%
3.5.2	31-75	3.70	3.64	2%	3.65	3.48	5%
3.5.3	76-125	3.85	3.94	-2%	3.77	3.71	2%
3.5.4	126-225	4.73	4.75	0%	4.66	4.42	5%
3.5.5	226-400	6.69	6.56	2%	6.11	5.96	3%
3.5.6	>400	8.43	12.05	-30%	7.34	7.95	-8%
3.5.7	LT-1	5.45	6.31	-14%	5.32	5.24	1%
3.5.8	LT-2	12.37	13.16	-6%	12.06	11.99	1%
3.5.9	LT-3	10.27	10.81	-5%	10.37	10.31	1%
3.5.10	LT-4	1.64	5.68	-71%	2.90	8.16	-65%
3.5.11	LT-5	20.26	6.13	230%	8.45	6.70	26%
3.5.12	LT-5 A (ii)	27.68	4.35	537%	9.48	6.76	40%
3.5.13	LT-5 excluding A(ii)	4.27	11.46	-63%	4.94	6.51	-24%
3.5.14	LT	10.47	7.01	49%	7.17	6.67	7%
3.5.15	HT-1	8.67	11.05	-22%	8.43	7.92	6%
3.5.16	HT-2	12.24	13.15	-7%	13.41	11.76	14%
3.5.17	HT-3	8.34	8.30	0%	8.36	8.52	-2%
3.5.18	HT-4	7.97	8.72	-9%	7.99	7.76	3%
3.5.19	HT-5	0.51	2.84	-82%	2.16	3.85	-44%
3.5.20	Rescos	0.46	0.40	15%	0.44	0.40	9%
3.5.21	HT	8.30	8.60	-3%	8.50	8.50	0%
3.5.22	ARR	9.57	7.63	25%	7.66	7.37	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	-22%	8	10	-18%
3.6.2	31-75	53	54	-2%	52	56	-6%
3.6.3	76-125	99	99	0%	97	103	-5%
3.6.4	126-225	164	160	2%	161	169	-5%
3.6.5	226-400	290	300	-3%	297	255	16%
3.6.6	>400	416	392	6%	728	407	79%
3.6.7	LT-1	111	118	-6%	120	117	3%
3.6.8	LT-2	195	201	-3%	206	200	3%
3.6.9	LT-3	1467	1535	-4%	1535	1586	-3%
3.6.10	LT-4	345	371	-7%	367	377	-3%
3.6.11	LT-5	465	650	-28%	717	747	-4%
3.6.12	LT-5 A (ii)	330	508	-35%	577	604	-5%
3.6.13	LT-5 excluding A(ii)	3732	3970	-6%	4119	4087	1%
3.6.14	LT	165	190	-13%	199	200	0%
3.6.15	HT-1	49706	48336	3%	56103	54465	3%
3.6.16	HT-2	34288	37688	-9%	35456	38104	-7%
3.6.17	HT-3	253743	272770	-7%	254282	276208	-8%
3.6.18	HT-4	301078	287175	5%	311521	291744	7%
3.6.19	HT-5	87775	19834	343%	48866	43826	12%
3.6.20	Rescos	32100000	36506508	-12%	46215000	40214127	15%
3.6.21	HT	162558	171944	-5%	162996	175717	-7%
3.6.22	AMC	281	311	-10%	316	323	-2%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	87	86	1%	85	82	4%
3.7.2	31-75	197	196	0%	191	193	-1%
3.7.3	76-125	381	390	-2%	368	382	-4%
3.7.4	126-225	778	761	2%	748	745	0%
3.7.5	226-400	1943	1968	-1%	1815	1520	19%
3.7.6	>400	3502	4727	-26%	5349	3235	65%
3.7.7	LT-1	607	744	-18%	640	613	4%
3.7.8	LT-2	2408	2642	-9%	2487	2400	4%
3.7.9	LT-3	15070	16589	-9%	15920	16348	-3%
3.7.10	LT-4	566	2108	-73%	1063	3077	-65%
3.7.11	LT-5	9412	3982	136%	6057	5007	21%
3.7.12	LT-5 A (ii)	9145	2207	314%	5469	4084	34%
3.7.13	LT-5 excluding A(ii)	15925	45507	-65%	20362	26601	-23%
3.7.14	LT	1727	1336	29%	1429	1333	7%
3.7.15	HT-1	430882	534027	-19%	472794	431523	10%
3.7.16	HT-2	419555	495418	-15%	475389	447943	6%
3.7.17	HT-3	2116633	2264118	-7%	2126726	2353841	-10%
3.7.18	HT-4	2398494	2505224	-4%	2488355	2264953	10%
3.7.19	HT-5	44506	56288	-21%	105668	168686	-37%
3.7.20	Rescos	14800000	14602603	1%	20175000	16075651	26%
3.7.21	HT	1348547	1477966	-9%	1384716	1494401	-7%
3.7.22	ACPB	2689	2374	13%	2417	2383	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	2190 (34%)	2326 (34%)	-6%	2632 (40%)	-17%	10971 (40%)	10677 (39%)	3%	11786 (43%)	-7%
4.1.2	State Hydel	245 (4%)	169 (3%)	45%	206 (3%)	19%	644 (2%)	619 (2%)	4%	724 (3%)	-11%
4.1.3	CGS	749 (12%)	916 (14%)	-	862 (13%)	-13%	3773 (14%)	3918 (14%)	-4%	3459 (13%)	9%
4.1.4	Gas	0 (0%)	0 (0%)	22%	0 (0%)	-	28 (0%)	-1 (0%)	-	0 (0%)	-
4.1.5	IPPs	705 (11%)	835 (12%)	-	1197 (18%)	-41%	3217 (12%)	3595 (13%)	-11%	4903 (18%)	-34%
4.1.6	VRE-Wind	1749 (27%)	1641 (24%)	7%	1073 (16%)	63%	3670 (13%)	3639 (13%)	1%	3018 (11%)	22%
4.1.7	VRE-Solar	484 (8%)	513 (8%)	-6%	585 (9%)	-17%	2645 (10%)	2195 (8%)	20%	2594 (9%)	2%
4.1.8	RE-Others	30 (0%)	22 (0%)	36%	30 (0%)	-1%	92 (0%)	81 (0%)	14%	117 (0%)	-22%
4.1.9	Markets	227 (4%)	330 (5%)	-	0 (0%)	-	2259 (8%)	2525 (9%)	-11%	1037 (4%)	118%
4.1.10	Others	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	385 (1%)	-100%	0 (0%)	-
4.1.11	Discom Purchases	6378	6752	-6%	6584	-3%	27298	27633	-1%	27637	-1%

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	1387 (41%)	1457 (40%)	-5%	1465 (46%)	-5%	6257 (42%)	5989 (40%)	4%	6428 (49%)	-3%
4.2.2	State Hydel	60 (2%)	54 (1%)	12%	60 (2%)	-1%	230 (2%)	214 (1%)	7%	242 (2%)	-5%
4.2.3	CGS	403 (12%)	558 (15%)	-28%	362 (11%)	11%	1965 (13%)	2236 (15%)	-12%	1466 (11%)	34%
4.2.4	Gas	1 (0%)	1 (0%)	82%	2 (0%)	-19%	33 (0%)	1 (0%)	2414 %	6 (0%)	457%
4.2.5	IPPs	320 (9%)	347 (10%)	-8%	515 (16%)	-38%	1565 (11%)	1645 (11%)	-5%	2122 (16%)	-26%
4.2.6	VRE-Wind	816 (24%)	780 (21%)	5%	504 (16%)	62%	1725 (12%)	1726 (12%)	0%	1418 (11%)	22%
4.2.7	VRE-Solar	210 (6%)	226 (6%)	-7%	224 (7%)	-6%	1254 (8%)	974 (7%)	29%	991 (8%)	27%
4.2.8	RE-Others	16 (0%)	16 (0%)	2%	19 (1%)	-18%	56 (0%)	52 (0%)	6%	76 (1%)	-26%
4.2.9	Markets	173 (5%)	193 (5%)	-10%	0 (0%)	-	1810 (12%)	1853 (12%)	-2%	277 (2%)	554%
4.2.10	Others	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	156 (1%)	-100%	0 (0%)	-
4.2.11	Power Purchase Cost	3386	3631	-7%	3151	7%	14895	14847	0%	13025	14%

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	340	273	24%	521	-35%	1616	1242	30%	2083	-22%
4.3.2	State Hydel	60	54	12%	60	-1%	230	214	7%	242	-5%
4.3.3	CGS	114	115	-1%	80	42%	466	469	-1%	319	46%
4.3.4	Gas	1	1	82%	2	-19%	3	1	158%	6	-43%
4.3.5	IPPs	112	123	-9%	181	-38%	501	571	-12%	726	-31%
4.3.6	Others	0	0	-	0	-	0	3	-100%	0	-
4.3.7	Fixed Cost	626	565	11%	844	-26%	2816	2501	13%	3375	-17%

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	1047	1184	-12%	944	11%	4641	4747	-2%	4345	7%
4.4.2	CGS	289	443	-35%	282	3%	1499	1766	-15%	1147	31%
4.4.3	Gas	0	0	-	0	-	30	0	-	0	-
4.4.4	IPPs	208	224	-7%	333	-37%	1064	1074	-1%	1396	-24%
4.4.5	VRE-Wind	816	780	5%	504	62%	1725	1726	0%	1418	22%
4.4.6	VRE-Solar	210	226	-7%	224	-6%	1254	974	29%	991	27%
4.4.7	RE-Others	15	15	-1%	18	-17%	54	51	7%	72	-24%
4.4.8	Markets	173	193	-10%	0	-	1810	1853	-2%	277	554%
4.4.9	Others	0	0	-	0	-	0	154	-100%	0	-
4.4.10	Variable Cost	2760	3065	-10%	2306	20%	12078	12344	-2%	9646	25%

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

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.5.1	State Thermal	6.33	6.26	1%	5.57	14%	5.70	5.61	2%	5.45	5%
4.5.2	State Hydel	2.44	3.17	-23%	2.93	-17%	3.58	3.46	3%	3.34	7%
4.5.3	CGS	5.38	6.09	-12%	4.20	28%	5.21	5.71	-9%	4.24	23%
4.5.4	Gas	-27.11	-18.11	50%	0.00	-	12.10	-16.63	-173%	0.00	-
4.5.5	IPPs	4.54	4.15	9%	4.30	6%	4.86	4.58	6%	4.33	12%
4.5.6	VRE-Wind	4.66	4.75	-2%	4.70	-1%	4.70	4.74	-1%	4.70	0%
4.5.7	VRE-Solar	4.35	4.41	-1%	3.82	14%	4.74	4.44	7%	3.82	24%
4.5.8	RE-Others	5.35	7.12	-25%	6.47	-17%	6.09	6.50	-6%	6.48	-6%
4.5.9	Markets	7.63	5.85	30%	0.00	-	8.01	7.34	9%	2.67	200%
4.5.10	Others	0.00	0.00	-	0.00	-	0.00	4.07	-100%	0.00	-
4.5.11	Weighted Average	5.31	5.38	-1%	4.79	11%	5.46	5.37	2%	4.71	16%

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	1.55	1.17	32%	1.98	-22%	1.47	1.16	27%	1.77	-17%
4.6.2	State Hydel	2.44	3.17	-23%	2.93	-17%	3.58	3.46	3%	3.34	7%
4.6.3	CGS	1.52	1.25	21%	0.93	64%	1.23	1.20	3%	0.92	34%
4.6.4	Gas	-27.11	-18.11	50%	0.00	-	1.24	-16.63	-107%	0.00	-
4.6.5	IPPs	1.58	1.47	7%	1.52	5%	1.56	1.59	-2%	1.48	5%
4.6.6	Average FC	0.98	0.84	17%	1.28	-23%	1.03	0.91	14%	1.22	-16%

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	4.78	5.09	-6%	3.59	33%	4.23	4.45	-5%	3.69	15%
4.7.2	CGS	3.86	4.84	-20%	3.28	18%	3.97	4.51	-12%	3.32	20%
4.7.3	Gas	0.00	0.00	-	0.00	-	10.86	0.00	-	0.00	-
4.7.4	IPPs	2.95	2.68	10%	2.78	6%	3.31	2.99	11%	2.85	16%
4.7.5	VRE-Wind	4.66	4.75	-2%	4.70	-1%	4.70	4.74	-1%	4.70	0%
4.7.6	VRE-Solar	4.35	4.41	-1%	3.82	14%	4.74	4.44	7%	3.82	24%
4.7.7	RE-Others	5.35	7.12	-25%	6.47	-17%	6.09	6.50	-6%	6.48	-6%
4.7.8	Markets	7.63	5.85	30%	0.00	-	8.01	7.34	9%	2.67	200%
4.7.9	Average VC	4.33	4.54	-5%	3.50	24%	4.42	4.47	-1%	3.49	27%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1986	2220	-11%	9402	9172	3%
4.8.2	11KV	319	322	-1%	1325	1278	4%
4.8.3	33KV	376	354	6%	1455	1447	1%
4.8.4	EHT	705	735	-4%	2713	2966	-9%
4.2.11	Power Purchase Cost	3386	3631	-7%	14895	14847	0%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2772	2920	-5%	12658	12097	5%
4.9.2	11KV	445	424	5%	1784	1686	6%
4.9.3	33KV	524	465	13%	1959	1909	3%
4.9.4	EHT	983	967	2%	3653	3911	-7%
2.19	Cost of Service	4724	4776	-1%	20054	19603	2%

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	116	9	1202%	753	496	52%
4.10.2	11KV	120	117	2%	626	596	5%
4.10.3	33KV	129	160	-19%	669	741	-10%
4.10.4	EHT	161	148	9%	713	709	0%
4.10.5	Loss	526	433	21%	2760	2543	9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2854	2965	-4%	13056	12440	5%
4.11.2	11KV	442	430	3%	1756	1679	5%
4.11.3	33KV	506	458	10%	1866	1840	1%
4.11.4	EHT	923	923	0%	3375	3643	-7%
2.19	Cost of Service	4724	4776	-1%	20054	19603	2%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	8.8	8.1	8%	8.3	8.1	2%
4.12.2	11KV	8.5	8.1	5%	7.9	7.8	1%
4.12.3	33KV	8.2	7.9	4%	7.7	7.6	1%
4.12.4	EHT	8.0	7.6	5%	7.4	7.3	1%
2.28	ACS	8.5	8.0	7%	8.0	7.9	2%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2814	4133	3397	3397	13742
5.1.2	Agriculture Subsidy	2447	3245	2216	2216	10125
5.1.3	Aquaculture Subsidy	367	223	185	185	959
5.1.4	SC Colonies Subsidy	0	106	159	159	423
5.1.5	ST Thandas Subsidy	0	24	36	36	96
5.1.6	Other Subsidy	0	535	802	802	2139
5.1.7	Govt Agencies	727	1083	1341	1341	4491
5.1.8	Panchayats	83	355	525	525	1489
5.1.9	WR Dept	17	277	415	415	1124
5.1.10	ULB	87	153	214	214	667
5.1.11	Other Govt Dept	539	298	186	186	1210
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	9455	9303	9303	38309
5.1.15	Total	13789	14671	14041	14041	56542
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	1868	662	-594	182%	65%
5.2.2	Agriculture Subsidy	739	851	1768	411	-917	330%	139%
5.2.3	Aquaculture Subsidy	62	66	100	250	-33	-60%	62%
5.2.4	SC Colonies Subsidy	53	95	0	0	95	-	-100%
5.2.5	ST Thandas Subsidy	12	25	0	0	25	-	-100%
5.2.6	Other Subsidy	267	236	0	0	236	-	-100%
5.2.7	Govt Agencies	447	524	189	314	335	-40%	-58%
5.2.8	Panchayats	175	169	5	39	164	-88%	-97%
5.2.9	WR Dept	138	89	0	10	89	-99%	-100%
5.2.10	ULB	71	63	10	14	52	-26%	-86%
5.2.11	Other Govt Dept	62	203	174	251	29	-31%	181%
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	3778	3253	3585	524	-9%	5%
5.2.15	Total	4680	5575	5310	4561	265	16%	13%
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	4530	5216	4682	3555	12925	13855	32%	3%
5.3.2	Agriculture Subsidy	9760	2955	3901	4215	3055	9446	10017	38%	43%
5.3.3	Aquaculture Subsidy	1460	246	273	467	499	1266	1494	-6%	90%
5.3.4	SC Colonies Subsidy	882	211	297	0	0	1179	1043	-	-100%
5.3.5	ST Thandas Subsidy	277	48	70	0	0	347	332	-	-100%
5.3.6	Other Subsidy	12	1070	675	0	0	687	970	-	-100%
5.3.7	Govt Agencies	15166	1787	2215	916	1057	16465	14647	-13%	-49%
5.3.8	Panchayats	6654	701	700	88	322	7266	6449	-73%	-87%
5.3.9	WR Dept	7233	553	415	18	55	7631	6876	-68%	-97%

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11508	9851	8703	9432	39494
6.1.2	State Thermal	4870	4673	4264	4724	18531
6.1.3	State Hydel	170	181	181	181	714
6.1.4	CGS	1561	1119	1078	1060	4817
6.1.5	IPPs Gas	32	4	5	5	45
6.1.6	IPPs Thermal	1245	1345	1533	1520	5643
6.1.7	VRE- Wind	909	1661	354	461	3385
6.1.8	VRE- Solar	1044	642	1231	1426	4342
6.1.9	Other-NCE	40	54	57	56	207
6.1.10	Market	1637	173	0	0	1810
6.1.11	Other	0	0	0	0	0
6.1.12	CTU Cost	445	383	361	361	1549
6.1.13	STU Cost	751	922	1013	1013	3698
6.1.14	Distribution Cost	2624	2854	2855	2855	11188
6.1.15	O&M Cost	1625	1852	1938	1938	7352
6.1.16	HR Cost	1374	1529	1585	1585	6073
6.1.17	A&G Cost	64	83	87	87	322
6.1.18	R&M Cost	187	240	265	265	957
6.1.19	Depreciation	533	547	532	532	2145
6.1.20	ROCE	274	292	437	437	1440
6.1.21	Others	192	163	-52	-52	251
6.1.22	Cost of Service	15328	14010	12931	13661	55930
7.1.1	Capex Debt service (P+I)	524	298	0	0	822
7.1.2	Opex Debt service (P+I)	5958	2536	0	0	8494

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	3151	3386	3501	4201	-115	-17%	11%
6.2.2	State Thermal	1465	1387	1596	1801	-209	-11%	9%
6.2.3	State Hydel	60	60	55	54	5	2%	-9%
6.2.4	CGS	362	403	720	834	-317	-14%	99%
6.2.5	IPPs Gas	2	1	0	0	1	-	-100%
6.2.6	IPPs Thermal	515	320	226	580	94	-61%	-56%
6.2.7	VRE- Wind	504	816	177	525	639	-66%	-65%
6.2.8	VRE- Solar	224	210	181	202	29	-10%	-19%
6.2.9	Other-NCE	19	16	28	22	-12	27%	45%
6.2.10	Market	0	173	518	183	-345	183%	-
6.2.11	Other	0	0	0	0	0	-	-
6.2.12	CTU Cost	120	142	149	163	-7	-9%	24%
6.2.13	STU Cost	338	247	129	199	118	-35%	-62%
6.2.14	Distribution Cost	952	950	746	608	205	23%	-22%
6.2.15	O&M Cost	646	560	559	502	2	11%	-14%
6.2.16	HR Cost	528	472	470	408	2	15%	-11%
6.2.17	A&G Cost	29	25	33	29	-8	15%	15%
6.2.18	R&M Cost	88	63	55	65	8	-16%	-38%
6.2.19	Depreciation	177	192	133	0	0	-	-25%
6.2.20	ROCE	146	0	13	0	0	-	-91%
6.2.21	Others	-17	198	41	106	157	-62%	-334%
6.2.22	Cost of Service	4560	4726	4525	5171	201	-12%	-1%
7.2.1	Capex Debt service (P+I)	0	298	298	159	0	87%	-
7.2.2	Opex Debt service (P+I)	0	2536	1615	1373	921	18%	-

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	13025	14895	13149	16450	8851	4519	-20%	1%
6.3.2	State Thermal	-1261	6428	6257	5436	5838	-440	2748	-7%	-15%
6.3.3	State Hydel	130	242	230	214	216	146	130	-1%	-11%
6.3.4	CGS	1638	1466	1965	2532	3309	1071	727	-23%	73%
6.3.5	IPPs Gas	83	6	33	0	0	116	0	-	-100%
6.3.6	IPPs Thermal	1954	2122	1565	1200	1942	2319	218	-38%	-43%
6.3.7	VRE- Wind	1086	1418	1725	638	2404	2173	573	-73%	-55%
6.3.8	VRE- Solar	671	991	1254	682	840	1243	123	-19%	-31%
6.3.9	Other-NCE	58	76	56	74	69	40	0	7%	-3%
6.3.10	Market	2746	277	1810	2373	1832	2183	0	30%	757%
6.3.11	Other	0	0	0	0	0	0	0	-	-
6.3.12	CTU Cost	26	481	587	487	667	126	0	-27%	1%
6.3.13	STU Cost	3182	1350	998	384	717	3796	2030	-46%	-72%
6.3.14	Distribution Cost	0	3807	3574	2620	2239	955	0	17%	-31%
6.3.15	O&M Cost	0	2583	2185	2184	1897	1	0	15%	-15%
6.3.16	HR Cost	0	2114	1846	1844	1565	2	0	18%	-13%
6.3.17	A&G Cost	0	116	89	98	96	-9	0	2%	-16%
6.3.18	R&M Cost	0	353	250	242	236	8	0	2%	-32%
6.3.19	Depreciation	0	710	725	189	0	0	0	-	-73%
6.3.20	ROCE	0	583	274	53	0	0	0	-	-91%
6.3.21	Others	0	-70	390	194	342	196	0	-43%	-378%
6.3.22	Cost of Service	10313	18664	20053	16640	20073	13727	6549	-17%	-11%
7.3.1	Capex Debt service (P+I)	0	0	822	822	594	0	0	38%	-
7.3.2	Opex Debt service (P+I)	0	0	8494	3722	4446	4772	775	-16%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	524	298	0	0	822
7.1.2	ERC disallowable-Opex Debt	5958	2536	0	0	8494
7.1.3	Debt Servicing	6482	2834	0	0	9316

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	298	298	159	0	87%	-
7.2.2	ERC disallowable-Opex Debt	0	2536	1615	1373	921	18%	-
7.2.3	Debt Servicing	0	2834	1913	1532	921	25%	-

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	822	822	594	0	0	38%	-
7.3.2	ERC disallowable-Opex Debt	0	0	8494	3722	4446	4772	775	-16%	-
7.3.3	Debt Servicing	0	0	9316	4544	5040	4772	775	-10%	-

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	6658	6789	-2%	18676	19215	-3%	25334	26004	-3%
7.4.2	PFC	3029	3451	-12%	19668	19852	-1%	22697	23303	-3%
7.4.3	APPFCL	0	0	-	8469	8584	-1%	8469	8584	-1%
7.4.4	BANKS	1034	1104	-6%	1327	1609	-18%	2361	2713	-13%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2084	1990	5%	2084	1990	5%
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%	2770	2902	-5%	4461	4301	4%
7.4.10	Debt Outstanding	12421	12752	-3%	52994	54152	-2%	65415	66904	-2%

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