

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators August-2023

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	4851 (84%)	4626 (87%)	5%	25454 (82%)	23663 (85%)	8%
3.1.12	Agl Consumption	MU	951 (16%)	673 (13%)	41%	5519 (18%)	4243 (15%)	30%
3.1.22	Discom Sales	MU	5801	5298	9%	30974	27907	11%
1.02	Private Sales	MU	3942 (68%)	3751 (71%)	5%	20673 (67%)	19514 (70%)	6%
1.03	Government Sales	MU	519 (9%)	480 (9%)	8%	2647 (9%)	2172 (8%)	22%
1.04	Government Subsidy	MU	1340 (23%)	1067 (20%)	26%	7654 (25%)	6221 (22%)	23%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	16668	13852	20%	15694	12661	24%
5.2.14	Pvt Sales	Rs Cr	3486	2878	21%	17275	13953	24%
5.2.7	Gov Sales	Rs Cr	192	823	-77%	1249	1588	-21%
5.2.1	Gov Subsidy	Rs Cr	794	419	89%	4300	4919	-13%
1.06	Others	Rs Cr	0	30	-100%	0	378	-100%
5.2.15	Discom Collections	Rs Cr	4472	4151	8%	22825	20839	10%
1.07	Metered Sales	Rs Cr	3674	3699	-1%	18810	16032	15%
3.3.12	Agl Consumption	Rs Cr	797	422	47%	4017	4429	-10%
1.08	Revenue from Sale	Rs Cr	5360	3892	38%	23252	19407	20%
1.09	Adj Revenue from Sale	Rs Cr	4936	3290	50%	22617	19832	14%
1.10	Closing Debtors	Rs Cr	16972	14039	21%	16972	14039	21%
1.11	Adj Closing Debtors	Rs Cr	16972	14039	21%	16972	14039	21%
KPIs								
3.5.22	ARR	Rs/kWh	7.71	7.78	-1%	7.37	7.33	1%
3.6.22	AMC	kWh/bill/Mth	301	283	6%	322	298	8%
3.7.22	ACPB	Rs/bill/Mth	2321	2202	5%	2370	2187	8%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5801 (80%)	5298 (89%)	9%	30974 (89%)	27907 (90%)	11%
2.01	Discom Losses	MU	471 (6%)	415 (7%)	14%	2304 (7%)	2010 (6%)	15%
2.02	Discom Input	MU	6366 (88%)	5695 (95%)	10%	32753 (94%)	29289 (94%)	11%
4.12.4	Transmission Loss	MU	197 (3%)	162 (3%)	21%	907 (3%)	824 (3%)	10%
4.1.11	Discom Purchases	MU	7272	5963	22%	34905	30996	13%
4.2.11	Power Purchase Cost	Rs. Cr	4013 (76%)	2824 (72%)	42%	18823 (76%)	16091 (75%)	17%
Contracted Network Capacity (MW)								
2.03	STU	MW	15027	13877	8%	15027	13877	8%
2.04	CTU	MW	1640	1762	-7%	1775	1762	1%
2.05	Distribution	MW	13811	12412	11%	13811	12412	11%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.9	1.5	27%	1.9	1.7	13%
2.07	CTU Charges	Rs. Lacs/MW/Mth	9.6	4.4	118%	7.6	5.5	37%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	5.7	6.2	-8%	5.4	5.5	-2%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	290 (5%)	214 (5%)	35%	1406 (6%)	1155 (5%)	22%
2.10	CTU Cost	Rs Cr	157 (3%)	78 (2%)	101%	673 (3%)	486 (2%)	39%
2.11	Distribution Network Cost	Rs Cr	785 (15%)	766 (20%)	2%	3721 (15%)	3417 (16%)	9%
2.12	O&M Cost	Rs Cr	496	556	-11%	2429	2369	3%
2.13	HR Cost	Rs Cr	435	486	-10%	2061	2020	2%
2.14	A&G Cost	Rs Cr	19	23	-16%	94	90	5%
2.15	R & M Cost	Rs Cr	42	46	-10%	273	258	6%
2.16	Depreciation	Rs Cr	160	137	17%	750	673	11%
2.17	ROCE	Rs Cr	59	29	107%	257	144	79%
2.18	Others	Rs Cr	69	44	56%	285	232	23%
2.19	Network Cost	Rs Cr	1231 (23%)	1058 (27%)	16%	5800 (23%)	5059 (24%)	15%
Retail Supply Cost (Rs. Cr)								
2.20	B&C Cost and Supply Margin	Rs Cr	17	14	22%	74	67	10%
2.21	Interest on Security Deposits	Rs Cr	36	19	86%	141	97	46%
2.22	Retail Supply Cost	Rs Cr	53 (1%)	33 (1%)	60%	215 (1%)	164 (1%)	31%
Cost of Service (Rs. Cr)								
2.23	Cost of Service	Rs Cr	5297	3915	35%	24838	21314	17%
7.2.2	ERC Disallowed Debt	Rs Cr	1650	1261	31%	6096	3471	76%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.52	4.74	17%	5.39	5.19	4%
2.24	STU Cost per Unit	Rs/kWh	0.40	0.36	11%	0.40	0.37	8%
2.25	CTU Cost per Unit	Rs/kWh	0.22	0.13	65%	0.19	0.16	23%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.50	5.48	-73%	5.71	5.12	11%
2.26	Distribution Network Cost per Unit	Rs/kWh	1.08	1.28	-16%	1.07	1.10	-3%
2.27	Network Cost per Unit	Rs/kWh	1.69	1.63	4%	1.66	1.63	2%
2.28	Retail Supply Cost per Unit	Rs/kWh	0.07	0.06	31%	0.06	0.05	16%
2.29	Cost of Service per Unit	Rs/kWh	7.28	6.57	11%	7.12	6.88	3%
KPIs on Sales basis								
2.30	Energy Cost on Sales Basis	Rs/kWh	6.92	5.33	30%	6.08	5.77	5%
2.31	STU Cost per Unit	Rs/kWh	0.50	0.25	103%	0.45	0.41	10%
2.32	CTU Cost per Unit	Rs/kWh	0.27	0.15	83%	0.22	0.17	25%
2.33	Distribution Network Cost per Unit	Rs/kWh	1.35	1.45	-6%	1.20	1.22	-2%

2.34	Network Cost per Unit	Rs/kWh	2.12	2.00	6%		1.87	1.81	3%
2.35	Retail Supply Cost per Unit	Rs/kWh	0.09	0.06	46%		0.07	0.06	18%
2.36	ACS	Rs/kWh	9.13	7.39	24%		8.02	7.64	5%
2.37	ERC Disallowed Debt per Unit	Rs/kWh	2.84	2.38	20%		1.97	1.24	58%
AT&C Losses									
2.38	Collection η	%	86%	80%	8%		92%	95%	-3%
2.39	Units Realized	MU	5095	4211	21%		28050	26035	8%
2.40	Units Unrealized	MU	1271	1484	-14%		4703	3254	45%
2.41	AT&C Losses	%	20%	26%	-23%		14%	11%	29%
ACS-ARR GAP									
2.42	GAP	Rs/kWh	-1.42	0.39	-466%		-0.65	-0.31	112%

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	34 (1%)	29 (1%)	16%	163 (1%)	149 (1%)	10%
3.1.2	31-75	202 (3%)	201 (4%)	0%	966 (3%)	978 (4%)	-1%
3.1.3	76-125	362 (6%)	362 (7%)	0%	1710 (6%)	1698 (6%)	1%
3.1.4	126-225	519 (9%)	522 (10%)	-1%	2488 (8%)	2500 (9%)	-1%
3.1.5	226-400	288 (5%)	272 (5%)	6%	1840 (6%)	1743 (6%)	6%
3.1.6	>400	135 (2%)	120 (2%)	13%	1486 (5%)	1221 (4%)	22%
3.1.7	LT-1	1540 (27%)	1507 (28%)	2%	8653 (28%)	8290 (30%)	4%
3.1.8	LT-2	323 (6%)	297 (6%)	9%	1700 (5%)	1580 (6%)	8%
3.1.9	LT-3	127 (2%)	132 (2%)	-4%	661 (2%)	706 (3%)	-6%
3.1.10	LT-4	140 (2%)	137 (3%)	2%	706 (2%)	684 (2%)	3%
3.1.11	LT-5	1287 (22%)	979 (18%)	32%	7270 (23%)	6073 (22%)	20%
3.1.12	LT-5 A (ii)	951 (16%)	673 (13%)	41%	5519 (18%)	4243 (15%)	30%
3.1.13	LT-5 excluding A(ii)	337 (6%)	306 (6%)	10%	1750 (6%)	1830 (7%)	-4%
3.1.14	LT	3418 (59%)	3052 (58%)	12%	18989 (61%)	17332 (62%)	10%
3.1.15	HT-1	6 (0%)	6 (0%)	13%	34 (0%)	30 (0%)	14%
3.1.16	HT-2	178 (3%)	159 (3%)	12%	966 (3%)	807 (3%)	20%
3.1.17	HT-3	1828 (32%)	1754 (33%)	4%	9294 (30%)	8237 (30%)	13%
3.1.18	HT-4	253 (4%)	239 (5%)	6%	1272 (4%)	1165 (4%)	9%
3.1.19	HT-5	72 (1%)	54 (1%)	34%	210 (1%)	138 (0%)	52%
3.1.20	Rescos	45 (1%)	35 (1%)	27%	210 (1%)	198 (1%)	6%
3.1.21	HT	2383 (41%)	2247 (42%)	6%	11985 (39%)	10575 (38%)	13%
3.1.22	Discom Sales	5801	5298	9%	30974	27907	11%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3418	3052	12%	18989	17332	10%
3.2.1	11KV	555	514	8%	2721	2516	8%
3.2.2	33KV	622	571	9%	3082	2797	10%
3.2.3	EHT	1207	1162	4%	6182	5261	18%
3.1.22	Discom Sales	5801	5298	9%	30974	27907	11%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	29 (1%)	22 (1%)	30%	129 (1%)	94 (0%)	38%
3.3.2	31-75	74 (2%)	64 (2%)	15%	333 (1%)	270 (1%)	23%
3.3.3	76-125	146 (3%)	125 (3%)	17%	635 (3%)	532 (3%)	19%
3.3.4	126-225	261 (6%)	223 (5%)	17%	1114 (5%)	959 (5%)	16%
3.3.5	226-400	217 (5%)	163 (4%)	33%	1142 (5%)	962 (5%)	19%
3.3.6	>400	161 (4%)	92 (2%)	75%	1200 (5%)	853 (4%)	41%
3.3.7	LT-1	888 (20%)	690 (17%)	29%	4553 (20%)	3670 (18%)	24%
3.3.8	LT-2	408 (9%)	356 (9%)	14%	2038 (9%)	1756 (9%)	16%
3.3.9	LT-3	134 (3%)	123 (3%)	9%	665 (3%)	628 (3%)	6%
3.3.10	LT-4	29 (1%)	89 (2%)	-67%	471 (2%)	238 (1%)	98%
3.3.11	LT-5	915 (20%)	542 (13%)	69%	4924 (22%)	5389 (26%)	-9%
3.3.12	LT-5 A (ii)	797 (18%)	422 (10%)	89%	4017 (18%)	4429 (22%)	-9%
3.3.13	LT-5 excluding A(ii)	117 (3%)	120 (3%)	-2%	907 (4%)	960 (5%)	-6%
3.3.14	LT	2374 (53%)	1801 (44%)	32%	12651 (55%)	11680 (57%)	8%
3.3.15	HT-1	6 (0%)	4 (0%)	39%	27 (0%)	21 (0%)	30%
3.3.16	HT-2	218 (5%)	188 (5%)	17%	1133 (5%)	884 (4%)	28%
3.3.17	HT-3	1673 (37%)	1376 (33%)	22%	7980 (35%)	6353 (31%)	26%

3.3.18	HT-4	188 (4%)	244 (6%)	-23%	968 (4%)	891 (4%)	9%
3.3.19	HT-5	11 (0%)	507 (12%)	-98%	60 (0%)	526 (3%)	-89%
3.3.20	Rescos	2 (0%)	1 (0%)	35%	8 (0%)	106 (1%)	-92%
3.3.21	HT	2097 (47%)	2320 (56%)	-10%	10176 (45%)	8781 (43%)	16%
3.3.22	Discom Collections	4471	4121	8%	22827	20461	12%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	32,57,891(17%)	29,68,806(16%)	10%	32,57,891(17%)	29,68,806(16%)	10%
3.4.2	31-75	37,84,636(20%)	37,77,950(20%)	0%	37,84,636(20%)	37,77,950(20%)	0%
3.4.3	76-125	36,61,185(19%)	36,65,666(20%)	0%	36,61,185(19%)	36,65,666(20%)	0%
3.4.4	126-225	31,85,724(17%)	31,94,920(17%)	0%	31,85,724(17%)	31,94,920(17%)	0%
3.4.5	226-400	10,07,265(5%)	9,61,862(5%)	5%	10,07,265(5%)	9,61,862(5%)	5%
3.4.6	>400	2,38,359(1%)	2,16,884(1%)	10%	2,38,359(1%)	2,16,884(1%)	10%
3.4.7	LT-1	1,51,35,060(79%)	1,47,86,088(79%)	2%	1,51,35,060(79%)	1,47,86,088(79%)	2%
3.4.8	LT-2	17,02,241(9%)	16,37,232(9%)	4%	17,02,241(9%)	16,37,232(9%)	4%
3.4.9	LT-3	81,174(0%)	81,803(0%)	-1%	81,174(0%)	81,803(0%)	-1%
3.4.10	LT-4	3,61,155(2%)	3,44,781(2%)	5%	3,61,155(2%)	3,44,781(2%)	5%
3.4.11	LT-5	19,70,650(10%)	18,51,047(10%)	6%	19,70,650(10%)	18,51,047(10%)	6%
3.4.12	LT-5 A (ii)	18,80,552(10%)	17,60,952(9%)	7%	18,80,552(10%)	17,60,952(9%)	7%
3.4.13	LT-5 excluding A(ii)	90,098(0%)	90,095(0%)	0%	90,098(0%)	90,095(0%)	0%
3.4.14	LT	1,92,50,280(100%)	1,87,00,951(100%)	3%	1,92,50,280(100%)	1,87,00,951(100%)	3%
3.4.15	HT-1	126(0%)	115(0%)	10%	126(0%)	115(0%)	10%
3.4.16	HT-2	5,139(0%)	4,679(0%)	10%	5,139(0%)	4,679(0%)	10%
3.4.17	HT-3	6,691(0%)	6,493(0%)	3%	6,691(0%)	6,493(0%)	3%
3.4.18	HT-4	864(0%)	792(0%)	9%	864(0%)	792(0%)	9%
3.4.19	HT-5	725(0%)	718(0%)	1%	725(0%)	718(0%)	1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	13,546(0%)	12,798(0%)	6%	13,546(0%)	12,798(0%)	6%
3.4.22	Discom Bills	1,92,63,826	1,87,13,749	3%	1,92,63,826	1,87,13,749	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	8.48	7.58	12%	7.90	6.30	25%
3.5.2	31-75	3.66	3.19	15%	3.44	2.76	24%
3.5.3	76-125	4.04	3.46	17%	3.71	3.13	19%
3.5.4	126-225	5.03	4.27	18%	4.48	3.83	17%
3.5.5	226-400	7.56	6.01	26%	6.21	5.52	13%
3.5.6	>400	11.88	7.68	55%	8.08	6.99	16%
3.5.7	LT-1	5.77	4.58	26%	5.26	4.43	19%
3.5.8	LT-2	12.61	11.98	5%	11.99	11.11	8%
3.5.9	LT-3	10.54	9.35	13%	10.07	8.89	13%
3.5.10	LT-4	2.09	6.54	-68%	6.67	3.48	92%
3.5.11	LT-5	7.11	5.54	28%	6.77	8.87	-24%
3.5.12	LT-5 A (ii)	8.39	6.27	34%	7.28	10.44	-30%
3.5.13	LT-5 excluding A(ii)	3.49	3.92	-11%	5.18	5.25	-1%
3.5.14	LT	6.95	5.90	18%	6.66	6.74	-1%
3.5.15	HT-1	8.55	6.99	22%	7.96	6.97	14%
3.5.16	HT-2	12.30	11.81	4%	11.73	10.95	7%
3.5.17	HT-3	9.15	7.84	17%	8.59	7.71	11%
3.5.18	HT-4	7.43	10.24	-27%	7.61	7.65	-1%
3.5.19	HT-5	1.45	93.82	-98%	2.84	38.09	-93%
3.5.20	Rescos	0.40	0.38	6%	0.39	5.37	-93%
3.5.21	HT	8.80	10.33	-15%	8.49	8.30	2%
3.5.22	ARR	7.71	7.78	-1%	7.37	7.33	1%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	11	10	6%	10	10	0%
3.6.2	31-75	53	53	0%	51	52	-1%
3.6.3	76-125	99	99	0%	93	93	1%
3.6.4	126-225	163	163	0%	156	157	0%
3.6.5	226-400	285	283	1%	365	363	1%
3.6.6	>400	567	552	3%	1247	1126	11%
3.6.7	LT-1	102	102	0%	114	112	2%
3.6.8	LT-2	190	182	5%	200	193	3%
3.6.9	LT-3	1568	1614	-3%	1629	1725	-6%
3.6.10	LT-4	387	396	-2%	391	397	-1%
3.6.11	LT-5	653	529	24%	738	656	12%
3.6.12	LT-5 A (ii)	505	382	32%	587	482	22%
3.6.13	LT-5 excluding A(ii)	3739	3399	10%	3886	4062	-4%
3.6.14	LT	178	163	9%	197	185	6%
3.6.15	HT-1	51429	49652	4%	54397	52155	4%
3.6.16	HT-2	34569	33930	2%	37576	34491	9%
3.6.17	HT-3	273240	270148	1%	277795	253709	9%
3.6.18	HT-4	293287	301187	-3%	294465	294225	0%
3.6.19	HT-5	99821	75306	33%	57843	38496	50%
3.6.20	Rescos	45230000	35490000	27%	41919302	39538000	6%
3.6.21	HT	175947	175546	0%	176949	165254	7%
3.6.22	AMC	301	283	6%	322	298	8%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	89	75	19%	79	63	25%
3.7.2	31-75	195	170	15%	176	143	23%
3.7.3	76-125	399	341	17%	347	290	20%
3.7.4	126-225	819	697	17%	700	600	17%
3.7.5	226-400	2157	1697	27%	2268	2001	13%
3.7.6	>400	6739	4241	59%	10069	7867	28%
3.7.7	LT-1	587	467	26%	602	496	21%
3.7.8	LT-2	2395	2176	10%	2394	2145	12%
3.7.9	LT-3	16530	15096	9%	16395	15342	7%
3.7.10	LT-4	809	2591	-69%	2607	1379	89%
3.7.11	LT-5	4642	2928	59%	4997	5823	-14%
3.7.12	LT-5 A (ii)	4241	2397	77%	4272	5030	-15%
3.7.13	LT-5 excluding A(ii)	13032	13315	-2%	20125	21310	-6%
3.7.14	LT	1233	963	28%	1314	1249	5%
3.7.15	HT-1	439683	346957	27%	433155	363739	19%
3.7.16	HT-2	425122	400727	6%	440799	377782	17%
3.7.17	HT-3	2500179	2118943	18%	2385360	1956730	22%
3.7.18	HT-4	2178588	3085606	-29%	2241388	2251167	0%
3.7.19	HT-5	145103	7064903	-98%	164156	1466245	-89%
3.7.20	Rescos	18100000	13400000	35%	16480521	212304404	-92%
3.7.21	HT	1548383	1813018	-15%	1502461	1372285	9%
3.7.22	ACPB	2321	2202	5%	2370	2187	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	2157 (30%)	1784 (30%)	21%	2335 (37%)	-8%	12835 (37%)	9991 (32%)	28%	11759 (37%)	9%
4.1.2	State Hydel	207 (3%)	668 (11%)	-69%	490 (8%)	-58%	826 (2%)	1423 (5%)	-42%	1303 (4%)	-37%
4.1.3	CGS	1044 (14%)	1143 (19%)	-9%	990 (16%)	5%	4962 (14%)	5782 (19%)	-14%	4861 (15%)	2%
4.1.4	Gas	0 (0%)	32 (1%)	- 101%	46 (1%)	-101%	-1 (0%)	187 (1%)	-101%	227 (1%)	-101%
4.1.5	IPPs	997 (14%)	422 (7%)	136%	1000 (16%)	0%	4592 (13%)	2371 (8%)	94%	5356 (17%)	-14%
4.1.6	VRE-Wind	981 (13%)	1025 (17%)	-4%	1030 (16%)	-5%	4620 (13%)	4581 (15%)	1%	4375 (14%)	6%
4.1.7	VRE-Solar	548 (8%)	467 (8%)	17%	507 (8%)	8%	2743 (8%)	2994 (10%)	-8%	2996 (9%)	-8%
4.1.8	RE-Others	25 (0%)	31 (1%)	-19%	33 (1%)	-23%	106 (0%)	143 (0%)	-26%	134 (0%)	-21%
4.1.9	Markets	1314 (18%)	392 (7%)	235%	0 (0%)	-	3840 (11%)	3467 (11%)	11%	875 (3%)	339%
4.1.10	Others	0 (0%)	0 (0%)	-	-164 (- 3%)	-100%	385 (1%)	57 (0%)	577%	-341 (- 1%)	-213%
4.1.11	Discom Purchases	7272	5963	22%	6267	16%	34905	30996	13%	31546	11%

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	1141 (28%)	900 (32%)	27%	1175 (44%)	-3%	7105 (38%)	4956 (31%)	43%	5957 (43%)	19%
4.2.2	State Hydel	54 (1%)	52 (2%)	2%	54 (2%)	0%	268 (1%)	262 (2%)	2%	268 (2%)	0%
4.2.3	CGS	598 (15%)	627 (22%)	-5%	350 (13%)	71%	2832 (15%)	2962 (18%)	-4%	1723 (12%)	64%
4.2.4	Gas	1 (0%)	22 (1%)	-95%	23 (1%)	-95%	3 (0%)	115 (1%)	-97%	111 (1%)	-97%
4.2.5	IPPs	446 (11%)	224 (8%)	99%	410 (15%)	9%	2063 (11%)	1002 (6%)	106%	2150 (15%)	-4%
4.2.6	VRE-Wind	461 (11%)	483 (17%)	-5%	477 (18%)	-3%	2187 (12%)	2184 (14%)	0%	2026 (15%)	8%
4.2.7	VRE-Solar	282 (7%)	210 (7%)	34%	217 (8%)	30%	1256 (7%)	1288 (8%)	-2%	1293 (9%)	-3%
4.2.8	RE-Others	14 (0%)	17 (1%)	-15%	17 (1%)	-19%	67 (0%)	84 (1%)	-21%	72 (1%)	-8%
4.2.9	Markets	1016 (25%)	291 (10%)	249%	0 (0%)	-	2868 (15%)	3119 (19%)	-8%	464 (3%)	518%
4.2.10	Others	0 (0%)	0 (0%)	-	-71 (-3%)	-100%	175 (1%)	119 (1%)	48%	-147 (- 1%)	-219%
4.2.11	Power Purchase Cost	4013	2824	42%	2652	51%	18823	16091	17%	13917	35%

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	237	294	-20%	409	-42%	1453	1416	3%	2043	-29%
4.3.2	State Hydel	54	52	2%	54	0%	268	262	2%	268	0%
4.3.3	CGS	126	122	3%	74	70%	594	684	-13%	372	60%
4.3.4	Gas	1	3	-64%	2	-41%	3	10	-70%	9	-69%
4.3.5	IPPs	135	88	53%	161	-16%	677	354	91%	805	-16%
4.3.6	Others	0	0	-	0	-	22	119	-82%	0	-
4.3.7	Fixed Cost	552	560	-1%	699	-21%	3016	2845	6%	3497	-14%

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	904	605	49%	767	18%	5651	3541	60%	3914	44%
4.4.2	CGS	471	504	-7%	276	71%	2238	2278	-2%	1351	66%
4.4.3	Gas	0	19	-100%	21	-100%	0	106	-100%	102	-100%
4.4.4	IPPs	312	136	129%	249	25%	1386	648	114%	1344	3%
4.4.5	VRE-Wind	461	483	-5%	477	-3%	2187	2184	0%	2026	8%
4.4.6	VRE-Solar	282	210	34%	217	30%	1256	1288	-2%	1293	-3%
4.4.7	RE-Others	13	16	-21%	17	-22%	64	83	-23%	68	-6%
4.4.8	Markets	1016	291	249%	0	-	2868	3119	-8%	464	518%
4.4.9	Others	0	0	-	-71	-100%	154	0	-	-147	-204%
4.4.10	Variable Cost	3460	2264	53%	1952	77%	15804	13245	19%	10416	52%

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	5.29	5.04	5%	5.03	5%	5.54	4.96	12%	5.07	9%
4.5.2	State Hydel	2.59	0.78	231%	1.09	137%	3.24	1.84	76%	2.06	58%
4.5.3	CGS	5.72	5.48	4%	3.54	62%	5.71	5.12	11%	3.54	61%
4.5.4	Gas	-33.24	6.82	-587%	4.90	-779%	-25.53	6.15	-515%	4.90	-621%
4.5.5	IPPs	4.48	5.30	-16%	4.10	9%	4.49	4.22	6%	4.01	12%
4.5.6	VRE-Wind	4.70	4.71	0%	4.63	2%	4.73	4.77	-1%	4.63	2%
4.5.7	VRE-Solar	5.15	4.49	15%	4.28	20%	4.58	4.30	6%	4.31	6%
4.5.8	RE-Others	5.62	5.35	5%	5.35	5%	6.31	5.88	7%	5.41	17%
4.5.9	Markets	7.73	7.42	4%	0.00	-	7.47	9.00	-17%	5.31	41%
4.5.10	Others	0.00	0.00	-	4.32	-100%	4.56	20.92	-78%	4.32	6%
4.5.11	Weighted Average	5.52	4.74	17%	4.23	30%	5.39	5.19	4%	4.41	22%

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	1.10	1.65	-34%	1.75	-37%	1.13	1.42	-20%	1.74	-35%
4.6.2	State Hydel	2.59	0.78	231%	1.09	137%	3.24	1.84	76%	2.06	58%
4.6.3	CGS	1.21	1.07	13%	0.75	61%	1.20	1.18	1%	0.76	57%
4.6.4	Gas	-31.76	0.96	-3400%	0.40	-	-25.09	0.51	-4984%	0.40	-
4.6.5	IPPs	1.35	2.08	-35%	1.61	-16%	1.47	1.49	-1%	1.50	-2%
4.6.6	Average FC	0.76	0.94	-19%	1.12	-32%	0.86	0.92	-6%	1.11	-22%

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	4.19	3.39	24%	3.28	28%	4.40	3.54	24%	3.33	32%
4.7.2	CGS	4.52	4.41	2%	2.79	62%	4.51	3.94	14%	2.78	62%
4.7.3	Gas	-1.47	5.86	-125%	4.50	-133%	-0.44	5.64	-108%	4.50	-110%
4.7.4	IPPs	3.13	3.22	-3%	2.49	26%	3.02	2.73	11%	2.51	20%
4.7.5	VRE-Wind	4.70	4.71	0%	4.63	2%	4.73	4.77	-1%	4.63	2%
4.7.6	VRE-Solar	5.15	4.49	15%	4.28	20%	4.58	4.30	6%	4.31	6%
4.7.7	RE-Others	5.62	5.35	5%	5.35	5%	6.31	5.88	7%	5.41	17%
4.7.8	Markets	7.73	7.42	4%	0.00	-	7.47	9.00	-17%	5.31	41%
4.7.9	Average VC	4.76	3.80	25%	3.11	53%	4.53	4.27	6%	3.30	37%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2364	1627	45%	11540	9994	15%
4.8.2	11KV	384	274	40%	1654	1451	14%
4.8.3	33KV	430	304	41%	1873	1613	16%
4.8.4	EHT	835	619	35%	3757	3033	24%
4.2.11	Power Purchase Cost	4013	2824	42%	18823	16091	17%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	725	610	19%	3556	3142	13%
4.9.2	11KV	118	103	15%	510	456	12%
4.9.3	33KV	132	114	16%	577	507	14%
4.9.4	EHT	256	232	10%	1158	954	21%
2.19	Network Cost	1231	1058	16%	5800	5059	15%

4.10 Retail Supply Cost by Voltage Level on Sales basis (Rs Cr)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	31	19	64%	132	102	29%
4.10.2	11KV	5	3	58%	19	15	28%
4.10.3	33KV	6	4	59%	21	16	30%
4.10.4	EHT	11	7	52%	43	31	39%
2.22	Retail Supply Cost	53	33	60%	215	164	31%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	3121	2256	38%	15227	13237	15%
4.11.2	11KV	507	380	33%	2182	1922	14%
4.11.3	33KV	568	422	35%	2471	2136	16%
4.11.4	EHT	1102	859	28%	4957	4018	23%
2.23	Cost of Service	5297	3916	35%	24838	21313	17%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	172	138	25%	667	482	39%
4.12.2	11KV	138	113	22%	734	636	15%
4.12.3	33KV	161	164	-2%	902	892	1%
4.12.4	EHT	197	162	21%	907	824	10%
4.12.5	Loss	668	577	16%	3211	2834	13%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	3236	2337	38%	15674	13580	15%
4.13.2	11KV	500	377	33%	2170	1918	13%
4.13.3	33KV	542	406	34%	2379	2068	15%
4.13.4	EHT	1019	796	28%	4614	3748	23%
2.23	Cost of Service	5297	3916	35%	24838	21313	17%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	9.5	7.7	24%	8.3	7.8	5%
4.14.2	11KV	9.0	7.3	23%	8.0	7.6	5%
4.14.3	33KV	8.7	7.1	23%	7.7	7.4	4%
4.14.4	EHT	8.4	6.9	23%	7.5	7.1	5%
2.36	ACS	9.1	7.4	24%	8.0	7.6	5%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2845	2300	2534	2534	10213
5.1.2	Agriculture Subsidy	2596	1884	2036	2036	8552
5.1.3	Aquaculture Subsidy	249	289	115	115	768
5.1.4	SC Colonies Subsidy	0	49	146	146	341
5.1.5	ST Thandas Subsidy	0	10	30	30	70
5.1.6	Other Subsidy	0	69	207	207	482
5.1.7	Govt Agencies	743	881	1125	1125	3874
5.1.8	Panchayats	283	194	426	426	1329
5.1.9	WR Dept	45	76	175	175	471
5.1.10	ULB	127	151	375	375	1028
5.1.11	Other Govt Dept	289	459	149	149	1046
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	10205	9986	8746	8746	37683
5.1.15	Total	13793	13167	12405	12405	51769
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	845	882	794	419	88	89%	-6%
5.2.2	Agriculture Subsidy	679	696	794	419	-98	89%	17%
5.2.3	Aquaculture Subsidy	38	55	0	0	55	-	-100%
5.2.4	SC Colonies Subsidy	49	57	0	0	57	-	-100%
5.2.5	ST Thandas Subsidy	10	11	0	0	11	-	-100%
5.2.6	Other Subsidy	69	63	0	0	63	-	-100%
5.2.7	Govt Agencies	375	523	192	823	331	-77%	-49%
5.2.8	Panchayats	142	181	13	13	168	1%	-91%
5.2.9	WR Dept	58	87	8	503	79	-98%	-87%
5.2.10	ULB	125	69	12	148	57	-92%	-90%
5.2.11	Other Govt Dept	50	186	159	159	27	0%	220%
5.2.12	Govt serviced debt	0	0	0	30	0	-100%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2915	3293	3486	2878	-193	21%	20%
5.2.15	Total	4135	4698	4472	4151	226	8%	8%
5.2.16	Opex Loans	0	0	0	1294	0	-100%	-
5.2.17	Capex Loans	0	0	0	6	0	-100%	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% Δ ERC
					CY	PY				
5.3.1	Subsidy	12489	4223	4253	4300	4919	12441	13126	-13%	2%
5.3.2	Agriculture Subsidy	9944	3393	3383	3801	4419	9526	10097	-14%	12%
5.3.3	Aquaculture Subsidy	1392	192	317	499	501	1210	1270	0%	160%
5.3.4	SC Colonies Subsidy	829	244	259	0	0	1088	1002	-	-100%
5.3.5	ST Thandas Subsidy	256	50	51	0	0	307	288	-	-100%
5.3.6	Other Subsidy	67	344	243	0	0	310	469	-	-100%
5.3.7	Govt Agencies	11143	1875	2473	1249	1588	12366	10642	-21%	-33%
5.3.8	Panchayats	5086	710	829	335	84	5580	4873	300%	-53%
5.3.9	WR Dept	5291	292	458	62	514	5687	5035	-88%	-79%

5.3.10	ULB	356	625	298	153	255	500	378	-40%	-76%
5.3.11	Other Govt Dept	410	248	888	699	736	599	356	-5%	182%
5.3.12	Govt serviced debt	0	0	0	0	378	0	0	-100%	-
5.3.13	UDAY Receivables	0	0	0	0	0	0	0	-	-
5.3.14	Private Customers Receivables	4513	14577	17139	17275	13953	4377	4498	24%	19%
5.3.15	Total	28144	20675	23865	22825	20839	29185	28266	10%	10%
5.3.16	Opex Loans	0	0	0	0	1542	0	0	-100%	-
5.3.17	Capex Loans	0	0	0	0	58	0	0	-100%	-

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11179	10258	7521	8269	37228
6.1.2	State Thermal	4507	3803	3842	4273	16424
6.1.3	State Hydel	160	161	161	161	643
6.1.4	CGS	1676	1493	974	1027	5170
6.1.5	IPPs Gas	1	24	67	66	158
6.1.6	IPPs Thermal	1269	1188	1252	1300	5009
6.1.7	VRE- Wind	946	1636	315	356	3253
6.1.8	VRE- Solar	748	767	644	895	3054
6.1.9	Other-NCE	37	49	52	46	184
6.1.10	Market	1660	1209	215	145	3228
6.1.11	Other	175	-71	0	0	105
6.1.12	CTU Cost	423	376	376	376	1550
6.1.13	STU Cost	887	808	868	868	3432
6.1.14	Distribution Cost	2322	2612	2993	2993	10918
6.1.15	O&M Cost	1417	1613	1805	1805	6641
6.1.16	HR Cost	1197	1351	1462	1462	5472
6.1.17	A&G Cost	53	78	112	112	354
6.1.18	R&M Cost	167	183	232	232	815
6.1.19	Depreciation	444	452	438	438	1772
6.1.20	ROCE	143	296	548	548	1534
6.1.21	Others	317	251	202	202	971
6.1.22	Cost of Service	14811	14053	11758	12506	53128
7.1.1	Capex Debt service (P+I)	435	456	438	438	1767
7.1.2	Opex Debt service (P+I)	3129	3055	0	0	6184

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2652	4013	3772	3475	241	9%	42%
6.2.2	State Thermal	1175	1141	1446	1475	-305	-2%	23%
6.2.3	State Hydel	54	54	54	59	0	-8%	1%
6.2.4	CGS	350	598	711	726	-114	-2%	103%
6.2.5	IPPs Gas	23	1	0	20	1	-100%	-100%
6.2.6	IPPs Thermal	410	446	303	195	143	55%	-26%
6.2.7	VRE- Wind	477	461	142	530	319	-73%	-70%
6.2.8	VRE- Solar	217	282	122	163	160	-25%	-44%
6.2.9	Other-NCE	17	14	8	15	6	-47%	-54%
6.2.10	Market	0	1016	986	292	30	238%	-
6.2.11	Other	-71	0	0	0	0	-	-100%
6.2.12	CTU Cost	125	157	129	190	28	-32%	3%
6.2.13	STU Cost	289	290	130	153	160	-15%	-55%
6.2.14	Distribution Cost	998	838	579	642	259	-10%	-42%
6.2.15	O&M Cost	602	496	497	588	-1	-15%	-17%
6.2.16	HR Cost	487	435	436	501	-1	-13%	-11%
6.2.17	A&G Cost	37	19	19	29	0	-34%	-49%
6.2.18	R&M Cost	77	42	42	58	0	-28%	-46%
6.2.19	Depreciation	146	160	0	0	0	-	-100%
6.2.20	ROCE	183	59	0	0	0	-	-100%
6.2.21	Others	67	122	82	54	40	52%	22%
6.2.22	Cost of Service	4064	5297	4610	4460	687	3%	13%
7.2.1	Capex Debt service (P+I)	146	151	151	128	0	18%	3%
7.2.2	Opex Debt service (P+I)	0	1665	1650	1261	15	31%	-

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	6357	13917	18823	20222	15570	4958	1220	30%	45%
6.3.2	State Thermal	-1078	5957	7105	7284	6982	-1257	797	4%	22%
6.3.3	State Hydel	130	268	268	270	288	128	41	-6%	1%
6.3.4	CGS	1766	1723	2832	4020	3552	578	0	13%	133%
6.3.5	IPPs Gas	72	111	3	0	114	75	0	-100%	-100%
6.3.6	IPPs Thermal	1273	2150	2063	2245	897	1091	56	150%	4%
6.3.7	VRE- Wind	2746	2026	2187	2546	670	2387	326	280%	26%
6.3.8	VRE- Solar	707	1293	1256	962	205	1001	0	369%	-26%
6.3.9	Other-NCE	112	72	67	77	57	102	0	35%	6%
6.3.10	Market	629	464	2868	2818	2805	679	0	0%	507%
6.3.11	Other	0	-147	175	0	0	175	0	-	-100%
6.3.12	CTU Cost	36	626	673	796	661	-87	0	20%	27%
6.3.13	STU Cost	2063	1447	1406	847	698	2622	0	21%	-41%
6.3.14	Distribution Cost	0	4988	3936	2818	2820	1118	0	0%	-43%
6.3.15	O&M Cost	0	3009	2429	2394	2538	35	0	-6%	-20%
6.3.16	HR Cost	0	2436	2061	2001	2157	60	0	-7%	-18%
6.3.17	A&G Cost	0	186	94	115	108	-21	0	6%	-38%
6.3.18	R&M Cost	0	387	273	278	273	-5	0	2%	-28%
6.3.19	Depreciation	0	730	750	0	0	0	0	-	-100%
6.3.20	ROCE	0	913	257	0	0	0	0	-	-100%
6.3.21	Others	0	336	500	424	282	76	0	50%	26%
6.3.22	Cost of Service	8456	20977	24838	24683	19749	8611	1220	25%	18%
7.3.1	Capex Debt service (P+I)	0	731	745	745	677	0	0	10%	2%
7.3.2	Opex Debt service (P+I)	51	0	6184	6096	3471	88	17	76%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	435	456	438	438	1767
7.1.2	ERC disallowable-Opex Debt	3129	3055	0	0	6184
7.1.3	Debt Servicing	3564	3511	438	438	7951

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	146	151	151	128	0	18%	3%
7.2.2	ERC disallowable-Opex Debt	0	1665	1650	1261	15	31%	-
7.2.3	Debt Servicing	146	1816	1801	1389	15	30%	1134%

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	731	745	745	677	0	0	10%	2%
7.3.2	ERC disallowable-Opex Debt	51	0	6184	6096	3471	88	17	76%	-
7.3.3	Debt Servicing	51	731	6929	6841	4148	88	17	65%	836%

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	6576	6510	1%	16314	13386	22%	22890	19896	15%
7.4.2	PFC	2090	1493	40%	15762	13866	14%	17852	15359	16%
7.4.3	APPFCL	0	0	-	8471	8857	-4%	8471	8857	-4%
7.4.4	BANKS	1223	1309	-7%	1009	1321	-24%	2232	2630	-15%
7.4.5	IREDA	0	0	-	135	210	-36%	135	210	-36%
7.4.6	ICD	0	0	-	1276	1535	-17%	1276	1535	-17%
7.4.7	PTC	0	0	-	0	44	- 100%	0	44	- 100%
7.4.8	GOAP	9	9	-5%	0	0	-	9	9	-5%
7.4.9	OTHERS	1117	1116	0%	3372	2532	33%	4489	3649	23%
7.4.10	Debt Outstanding	11015	10438	6%	46339	41751	11%	57354	52189	10%

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

Glossary

1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.12	AgI Consumption	Refer 3.1.12
3.1.22	Discom Sales	D =Refer 3.1.22
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. 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
5.2.15	Discom Collections	Refer 5.2.15
1.07	Metered Sales	Collections from Metered Sales
3.3.12	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		
3.5.22	ARR	Refer 3.5
3.6.22	AMC	Refer 3.6
3.7.22	ACPB	Refer 3.7

Note:

1. Bills (Nos), Energy related data (MU) is obtained on Consumption basis provided by Distribution licensees of Andhra Pradesh
2. Collection related data (Rs Cr) is obtained on Billing basis provided by Distribution licensees of Andhra Pradesh
3. Billing Cycle: CPDCL - 1-15 of Every Month; EPDCL - 4-21 of Every Month; SPDCL - 1-12 of Every Month

2. Purchases

Power Purchase		
3.1.22	Discom Sales	D =Refer 3.1.22
2.01	Discom Losses	Loss Incurred at Voltage <= 33KV
2.02	Discom Input	C =Input at Discom Periphery
2.03	Transmission Loss	B = Loss 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)		
2.04	STU	Contracted Capacity of State Transmission Utility
2.05	CTU	Contracted Capacity of Central Transmission Utility
2.06	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.07	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.09	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)		
2.10	STU Cost	a =Expenditure for using State Transmission Network for Transmission of Power
2.11	CTU Cost	b =Expenditure for using Central Transmission Network for Transmission
2.12	Distribution Network Cost	c =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)

2.13	O&M Cost	d =Operation and Maintenance Cost (e+f+g)
2.14	HR Cost	e =Human Resource Cost
2.15	A&G Cost	f =Admin and General Cost
2.16	R & M Cost	g =Repairs and Maintenance
2.17	Depreciation	h = value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.18	ROCE	i =Return on Capital Employed
2.19	Others	j =Any other Cost
2.20	Network Cost	CTU Cost + STU Cost + Distribution Cost
Retail Supply Cost (Rs Cr)		
2.21	B&C Cost and Supply Margin	k =Billing and Collection Cost and Supply Gain Margin
2.22	Interest on Security Deposits	l =interest on security deposit collected from the consumers
2.23	Retail Supply Cost	k+l
Cost of Service (Rs Cr)		
2.24	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
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.27	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.28	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.31	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		
2.32	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.39	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		
2.40	Collection η	$J=(F+G-I)/E \times 100$ (if>100% then limit to 100%)
2.41	Units Realized	$K=D \times J/100$
2.42	Units Unrealized	$L=C-K$
2.43	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} =L/C \times 100$
ARR-ACS GAP		
2.44	GAP	=ARR-ACS

Note:

1. Power Purchase Cost (Rs Cr) is obtained from APPCC
2. CTU Cost as Billing basis
3. CTU Capacity as per Consumption basis

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) = $\frac{\text{Revenue Collected during the period(Rs.Cr)*10}}{\text{Consumption During in the Month(MU)}}$

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

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

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

4.10 Retail Supply Cost by Voltage Level on Sales basis (Rs Cr) = $\frac{\text{Retail Supply Cost(Rs Cr)*Discom Sales at Specified Voltage(MU)}}{\text{Discom Sales(MU)}}$

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

4.12 Losses by Voltage Level (MU)- Transmission & Distribution losses segregated by Voltage

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

Where, Energy Purchased against sales by Voltage (MU)= (Sales at Voltage Level+ Portion of net T&D losses due to Sales at that voltage level)

4.14 Average Cost of Service by Voltage Level (Rs/kWh) = $\frac{\text{Cost of Service by voltage level on Purchase Basis at specified voltage (Rs Cr)*10}}{\text{Sales at Same Voltage Level(MU)}}$

Note:

1. ERC data is taken from Tariff order published by APERC in the respective year
2. Data related to CGS-Solar is included in VRE Solar

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 (Apr-Mar)

1. Receivables are obtained from APPCC

6. Payables

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

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

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

1. Payables data is obtained from APPCC
2. Data related to CGS -Solar is included in VRE Solar

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)- Dues paid made during the period

7.3 Debt Servicing YTD (Rs Cr)- Dues paid made during the year

7.4 Debt Outstanding (Rs Cr)- Debt Outstanding as on 31st March of Specified Year

1. Debt servicing data is obtained from APPCC