

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators June-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	5435 (85%)	4940 (88%)	10%	15371 (81%)	14294 (83%)	8%
3.1.12	Agl Consumption	MU	956 (15%)	671 (12%)	42%	3564 (19%)	2920 (17%)	22%
3.1.22	Discom Sales	MU	6391	5611	14%	18935	17215	10%
1.02	Private Sales	MU	4496 (70%)	4181 (75%)	8%	12408 (66%)	11799 (69%)	5%
1.03	Government Sales	MU	517 (8%)	458 (8%)	13%	1604 (8%)	1261 (7%)	27%
1.04	Government Subsidy	MU	1378 (22%)	972 (17%)	42%	4923 (26%)	4154 (24%)	19%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	15923	13288	20%	15694	12661	24%
5.2.14	Pvt Sales	Rs Cr	3787	2897	31%	10205	8034	27%
5.2.7	Gov Sales	Rs Cr	375	222	69%	743	586	27%
5.2.1	Gov Subsidy	Rs Cr	299	1129	-74%	2845	4057	-30%
1.06	Others	Rs Cr	0	86	-100%	0	260	-100%
5.2.15	Discom Collections	Rs Cr	4461	4334	3%	13793	12937	7%
1.07	Metered Sales	Rs Cr	4158	3117	25%	11138	8788	21%
3.3.13	Agl Consumption	Rs Cr	304	1129	-272%	2658	3888	-46%
1.08	Revenue from Sale	Rs Cr	4802	4106	17%	12977	11502	13%
1.09	Adj Revenue from Sale	Rs Cr	4377	4388	0%	13066	12440	5%
1.10	Closing Debtors	Rs Cr	16400	13618	20%	16400	13618	20%
1.11	Adj Closing Debtors	Rs Cr	16400	13618	20%	16400	13618	20%
KPIs								
3.5.22	ARR	Rs/kWh	6.98	7.57	-8%	7.29	7.36	-1%
3.6.22	AMC	kWh/bill/Mth	333	301	11%	329	308	7%
3.7.22	ACPB	Rs/bill/Mth	2325	2280	2%	2397	2268	6%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	6391 (89%)	5611 (91%)	14%	18935 (91%)	17215 (91%)	10%
2.01	Discom Losses	MU	486 (7%)	347 (6%)	40%	1547 (7%)	1271 (7%)	22%
2.02	Discom Input	MU	6715 (94%)	5780 (94%)	15%	20167 (97%)	18178 (97%)	11%
4.12.4	Transmission Loss	MU	196 (3%)	153 (2%)	28%	562 (3%)	517 (3%)	9%
4.1.11	Discom Purchases	MU	7156	6182	16%	20881	18821	11%
4.2.11	Power Purchase Cost	Rs. Cr	3705 (76%)	3352 (76%)	11%	11179 (76%)	10261 (77%)	9%
Contracted Network Capacity (MW)								
2.03	STU	MW	15027	13877	8%	15027	13877	8%
2.04	CTU	MW	1630	1709	-5%	1775	1720	3%
2.05	Distribution	MW	13811	12412	11%	13811	12412	11%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	2.0	1.6	25%	2.0	1.7	13%
2.07	CTU Charges	Rs. Lacs/MW/Mth	6.0	9.7	-38%	7.9	6.1	29%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	5.5	5.2	6%	5.2	5.3	-2%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	303 (6%)	215 (5%)	41%	887 (6%)	719 (5%)	23%
2.10	CTU Cost	Rs Cr	98 (2%)	166 (4%)	-41%	423 (3%)	316 (2%)	34%
2.11	Distribution Network Cost	Rs Cr	755 (15%)	641 (15%)	18%	2159 (15%)	1979 (15%)	9%
2.12	O&M Cost	Rs Cr	469	439	7%	1375	1359	1%
2.13	HR Cost	Rs Cr	411	381	8%	1155	1152	0%
2.14	A&G Cost	Rs Cr	19	12	64%	53	50	6%
2.15	R & M Cost	Rs Cr	39	46	-16%	167	157	6%
2.16	Depreciation	Rs Cr	146	128	14%	444	393	13%
2.17	ROCE	Rs Cr	50	30	69%	143	87	64%
2.18	Others	Rs Cr	90	44	104%	197	140	41%
2.19	Network Cost	Rs Cr	1156 (24%)	1023 (23%)	13%	3470 (23%)	3014 (23%)	15%
Retail Supply Cost (Rs. Cr)								
2.20	B&C Cost and Supply Margin	Rs Cr	16	14	14%	41	40	3%
2.21	Interest on Security Deposits	Rs Cr	26	19	39%	79	58	36%
2.22	Retail Supply Cost	Rs Cr	42 (1%)	33 (1%)	28%	120 (1%)	98 (1%)	23%
Cost of Service (Rs. Cr)								
2.23	Cost of Service	Rs Cr	4903	4408	11%	14769	13373	10%
7.2.2	ERC Disallowed Debt	Rs Cr	1257	610	106%	3073	2024	52%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.18	5.42	-5%	5.35	5.45	-2%
2.24	STU Cost per Unit	Rs/kWh	0.42	0.35	22%	0.42	0.38	11%
2.25	CTU Cost per Unit	Rs/kWh	0.14	0.27	-49%	0.20	0.17	21%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.98	5.00	-80%	5.58	4.91	14%
2.26	Distribution Network Cost per Unit	Rs/kWh	1.06	1.04	2%	1.03	1.05	-2%
2.27	Network Cost per Unit	Rs/kWh	1.61	1.60	1%	1.66	1.60	4%
2.28	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	11%	0.06	0.05	11%
2.29	Cost of Service per Unit	Rs/kWh	6.85	7.13	-4%	7.07	7.11	0%
KPIs on Sales basis								
2.30	Energy Cost on Sales Basis	Rs/kWh	5.80	5.97	-3%	5.90	5.96	-1%
2.31	STU Cost per Unit	Rs/kWh	0.47	0.33	45%	0.47	0.42	12%
2.32	CTU Cost per Unit	Rs/kWh	0.15	0.30	-48%	0.22	0.18	22%
2.33	Distribution Network Cost per Unit	Rs/kWh	1.18	1.14	3%	1.14	1.15	-1%

2.34	Network Cost per Unit	Rs/kWh	1.81	1.82	-1%		1.83	1.75	5%
2.35	Retail Supply Cost per Unit	Rs/kWh	0.07	0.06	12%		0.06	0.06	11%
2.36	ACS	Rs/kWh	7.67	7.86	-2%		7.80	7.77	0%
2.37	ERC Disallowed Debt per Unit	Rs/kWh	1.97	1.09	81%		1.62	1.18	38%
AT&C Losses									
2.38	Collection η	%	81%	99%	-18%		95%	100%	-5%
2.39	Units Realized	MU	5151	5487	-6%		17846	16977	5%
2.40	Units Unrealized	MU	1563	294	433%		2321	1201	93%
2.41	AT&C Losses	%	23%	5%	358%		12%	7%	74%
ACS-ARR GAP									
2.42	GAP	Rs/kWh	-0.69	-0.29	139%		-0.51	-0.40	27%

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	30 (0%)	29 (1%)	3%	96 (1%)	90 (1%)	7%
3.1.2	31-75	176 (3%)	186 (3%)	-5%	579 (3%)	579 (3%)	0%
3.1.3	76-125	318 (5%)	320 (6%)	-1%	1024 (5%)	996 (6%)	3%
3.1.4	126-225	500 (8%)	489 (9%)	2%	1500 (8%)	1489 (9%)	1%
3.1.5	226-400	462 (7%)	419 (7%)	10%	1096 (6%)	1121 (7%)	-2%
3.1.6	>400	547 (9%)	416 (7%)	31%	891 (5%)	866 (5%)	3%
3.1.7	LT-1	2034 (32%)	1859 (33%)	9%	5186 (27%)	5141 (30%)	1%
3.1.8	LT-2	373 (6%)	337 (6%)	11%	1017 (5%)	970 (6%)	5%
3.1.9	LT-3	135 (2%)	148 (3%)	-8%	405 (2%)	433 (3%)	-6%
3.1.10	LT-4	137 (2%)	135 (2%)	2%	429 (2%)	416 (2%)	3%
3.1.11	LT-5	1330 (21%)	1027 (18%)	30%	4636 (24%)	4118 (24%)	13%
3.1.12	LT-5 A (ii)	956 (15%)	671 (12%)	42%	3564 (19%)	2920 (17%)	22%
3.1.13	LT-5 excluding A(ii)	373 (6%)	355 (6%)	5%	1072 (6%)	1197 (7%)	-10%
3.1.14	LT	4009 (63%)	3506 (62%)	14%	11674 (62%)	11077 (64%)	5%
3.1.15	HT-1	8 (0%)	6 (0%)	25%	21 (0%)	18 (0%)	16%
3.1.16	HT-2	203 (3%)	165 (3%)	23%	587 (3%)	486 (3%)	21%
3.1.17	HT-3	1871 (29%)	1661 (30%)	13%	5634 (30%)	4746 (28%)	19%
3.1.18	HT-4	254 (4%)	234 (4%)	9%	768 (4%)	693 (4%)	11%
3.1.19	HT-5	13 (0%)	13 (0%)	3%	123 (1%)	65 (0%)	89%
3.1.20	Rescos	33 (1%)	27 (0%)	24%	128 (1%)	129 (1%)	-1%
3.1.21	HT	2382 (37%)	2106 (38%)	13%	7260 (38%)	6138 (36%)	18%
3.1.22	Discom Sales	6391	5611	14%	18935	17215	10%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	4009	3506	14%	11674	11077	5%
3.2.1	11KV	548	500	10%	1623	1503	8%
3.2.2	33KV	618	543	14%	1873	1662	13%
3.2.3	EHT	1216	1063	14%	3765	2972	27%
3.1.22	Discom Sales	6391	5611	14%	18935	17215	10%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	25 (1%)	18 (0%)	34%	73 (1%)	51 (0%)	44%
3.3.2	31-75	63 (1%)	53 (1%)	18%	191 (1%)	145 (1%)	32%
3.3.3	76-125	119 (3%)	100 (2%)	20%	361 (3%)	290 (2%)	25%
3.3.4	126-225	216 (5%)	191 (4%)	14%	631 (5%)	525 (4%)	20%
3.3.5	226-400	275 (6%)	227 (5%)	21%	626 (5%)	584 (5%)	7%
3.3.6	>400	402 (9%)	275 (6%)	46%	660 (5%)	584 (5%)	13%
3.3.7	LT-1	1100 (25%)	865 (20%)	27%	2542 (18%)	2178 (17%)	17%
3.3.8	LT-2	432 (10%)	364 (9%)	19%	1182 (9%)	1034 (8%)	14%
3.3.9	LT-3	139 (3%)	141 (3%)	-1%	396 (3%)	378 (3%)	5%
3.3.10	LT-4	273 (6%)	37 (1%)	640%	367 (3%)	112 (1%)	227%
3.3.11	LT-5	412 (9%)	1265 (30%)	-67%	3228 (23%)	4262 (34%)	-24%
3.3.12	LT-5 A (ii)	304 (7%)	1129 (27%)	-73%	2658 (19%)	3888 (31%)	-32%
3.3.13	LT-5 excluding A(ii)	109 (2%)	136 (3%)	-20%	570 (4%)	375 (3%)	52%
3.3.14	LT	2357 (53%)	2672 (63%)	-12%	7715 (56%)	7964 (63%)	-3%
3.3.15	HT-1	6 (0%)	4 (0%)	34%	15 (0%)	13 (0%)	20%
3.3.16	HT-2	244 (5%)	183 (4%)	34%	661 (5%)	514 (4%)	29%
3.3.17	HT-3	1633 (37%)	1164 (27%)	40%	4791 (35%)	3640 (29%)	32%

3.3.18	HT-4	196 (4%)	186 (4%)	5%	564 (4%)	492 (4%)	15%
3.3.19	HT-5	25 (1%)	5 (0%)	391%	45 (0%)	17 (0%)	169%
3.3.20	Rescos	1 (0%)	32 (1%)	-96%	5 (0%)	36 (0%)	-86%
3.3.21	HT	2105 (47%)	1575 (37%)	34%	6081 (44%)	4712 (37%)	29%
3.3.22	Discom Collections	4462	4247	5%	13796	12676	9%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	29,83,359(16%)	29,25,519(16%)	2%	29,83,359(16%)	29,25,519(16%)	2%
3.4.2	31-75	33,23,946(17%)	35,44,436(19%)	-6%	33,23,946(17%)	35,44,436(19%)	-6%
3.4.3	76-125	32,08,387(17%)	32,34,784(17%)	-1%	32,08,387(17%)	32,34,784(17%)	-1%
3.4.4	126-225	30,52,523(16%)	29,11,928(16%)	5%	30,52,523(16%)	29,11,928(16%)	5%
3.4.5	226-400	15,44,287(8%)	14,11,089(8%)	9%	15,44,287(8%)	14,11,089(8%)	9%
3.4.6	>400	9,68,695(5%)	6,97,988(4%)	39%	9,68,695(5%)	6,97,988(4%)	39%
3.4.7	LT-1	1,50,81,197(79%)	1,47,25,744(79%)	2%	1,50,81,197(79%)	1,47,25,744(79%)	2%
3.4.8	LT-2	16,96,286(9%)	16,25,068(9%)	4%	16,96,286(9%)	16,25,068(9%)	4%
3.4.9	LT-3	81,364(0%)	81,756(0%)	0%	81,364(0%)	81,756(0%)	0%
3.4.10	LT-4	3,59,054(2%)	3,43,722(2%)	4%	3,59,054(2%)	3,43,722(2%)	4%
3.4.11	LT-5	19,56,091(10%)	18,38,014(10%)	6%	19,56,091(10%)	18,38,014(10%)	6%
3.4.12	LT-5 A (ii)	18,67,303(10%)	17,47,277(9%)	7%	18,67,303(10%)	17,47,277(9%)	7%
3.4.13	LT-5 excluding A(ii)	88,788(0%)	90,737(0%)	-2%	88,788(0%)	90,737(0%)	-2%
3.4.14	LT	1,91,73,992(100%)	1,86,14,304(100%)	3%	1,91,73,992(100%)	1,86,14,304(100%)	3%
3.4.15	HT-1	126(0%)	113(0%)	12%	126(0%)	113(0%)	12%
3.4.16	HT-2	5,073(0%)	4,622(0%)	10%	5,073(0%)	4,622(0%)	10%
3.4.17	HT-3	6,686(0%)	6,444(0%)	4%	6,686(0%)	6,444(0%)	4%
3.4.18	HT-4	854(0%)	775(0%)	10%	854(0%)	775(0%)	10%
3.4.19	HT-5	724(0%)	717(0%)	1%	724(0%)	717(0%)	1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	13,464(0%)	12,672(0%)	6%	13,464(0%)	12,672(0%)	6%
3.4.22	Discom Bills	1,91,87,456	1,86,26,976	3%	1,91,87,456	1,86,26,976	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	8.16	6.30	29%	7.57	5.63	34%
3.5.2	31-75	3.56	2.86	25%	3.30	2.51	32%
3.5.3	76-125	3.75	3.12	20%	3.52	2.91	21%
3.5.4	126-225	4.33	3.90	11%	4.21	3.52	19%
3.5.5	226-400	5.95	5.43	10%	5.71	5.21	10%
3.5.6	>400	7.35	6.62	11%	7.41	6.73	10%
3.5.7	LT-1	5.41	4.65	16%	4.90	4.24	16%
3.5.8	LT-2	11.57	10.79	7%	11.61	10.66	9%
3.5.9	LT-3	10.29	9.55	8%	9.78	8.73	12%
3.5.10	LT-4	19.93	2.74	628%	8.56	2.70	217%
3.5.11	LT-5	3.10	12.32	-75%	6.96	10.35	-33%
3.5.12	LT-5 A (ii)	3.17	16.82	-81%	7.46	13.31	-44%
3.5.13	LT-5 excluding A(ii)	2.91	3.82	-24%	5.31	3.13	70%
3.5.14	LT	5.88	7.62	-23%	6.61	7.19	-8%
3.5.15	HT-1	7.40	6.91	7%	7.12	6.87	4%
3.5.16	HT-2	12.04	11.10	9%	11.28	10.56	7%
3.5.17	HT-3	8.73	7.01	25%	8.50	7.67	11%
3.5.18	HT-4	7.69	7.95	-3%	7.34	7.11	3%
3.5.19	HT-5	19.13	4.00	378%	3.66	2.57	42%
3.5.20	Rescos	0.40	12.19	-97%	0.39	2.80	-86%
3.5.21	HT	8.84	7.48	18%	8.38	7.68	9%
3.5.22	ARR	6.98	7.57	-8%	7.29	7.36	-1%

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%	11	10	5%
3.6.2	31-75	53	53	1%	58	54	7%
3.6.3	76-125	99	99	0%	106	103	4%
3.6.4	126-225	164	168	-2%	164	170	-4%
3.6.5	226-400	299	297	1%	237	265	-11%
3.6.6	>400	564	596	-5%	306	414	-26%
3.6.7	LT-1	135	126	7%	115	116	-1%
3.6.8	LT-2	220	208	6%	200	199	0%
3.6.9	LT-3	1661	1806	-8%	1661	1765	-6%
3.6.10	LT-4	382	392	-3%	398	403	-1%
3.6.11	LT-5	680	559	22%	790	747	6%
3.6.12	LT-5 A (ii)	512	384	33%	636	557	14%
3.6.13	LT-5 excluding A(ii)	4205	3916	7%	4026	4398	-8%
3.6.14	LT	209	188	11%	203	198	2%
3.6.15	HT-1	61905	55221	12%	55847	53803	4%
3.6.16	HT-2	39992	35651	12%	38541	35083	10%
3.6.17	HT-3	279782	257829	9%	280883	245509	14%
3.6.18	HT-4	297834	302077	-1%	299938	297892	1%
3.6.19	HT-5	18052	17727	2%	56436	30148	87%
3.6.20	Rescos	32950000	26520000	24%	42620000	43146667	-1%
3.6.21	HT	176892	166178	6%	179751	161452	11%
3.6.22	AMC	333	301	11%	329	308	7%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	83	63	31%	81	58	41%
3.7.2	31-75	189	150	26%	192	137	40%
3.7.3	76-125	372	309	21%	375	298	26%
3.7.4	126-225	709	655	8%	689	601	15%
3.7.5	226-400	1783	1612	11%	1351	1379	-2%
3.7.6	>400	4146	3943	5%	2270	2787	-19%
3.7.7	LT-1	730	587	24%	562	493	14%
3.7.8	LT-2	2544	2240	14%	2322	2121	9%
3.7.9	LT-3	17092	17248	-1%	16242	15407	5%
3.7.10	LT-4	7611	1074	608%	3408	1088	213%
3.7.11	LT-5	2109	6882	-69%	5500	7730	-29%
3.7.12	LT-5 A (ii)	1626	6463	-75%	4744	7417	-36%
3.7.13	LT-5 excluding A(ii)	12256	14948	-18%	21399	13763	55%
3.7.14	LT	1229	1435	-14%	1341	1426	-6%
3.7.15	HT-1	457937	381416	20%	397354	369447	8%
3.7.16	HT-2	481687	395586	22%	434588	370645	17%
3.7.17	HT-3	2442252	1806580	35%	2388384	1882817	27%
3.7.18	HT-4	2291803	2401290	-5%	2202771	2117527	4%
3.7.19	HT-5	345304	70990	386%	206722	77514	167%
3.7.20	Rescos	13200000	323400000	-96%	16566667	120633333	-86%
3.7.21	HT	1563473	1242771	26%	1505561	1239350	21%
3.7.22	ACPB	2325	2280	2%	2397	2268	6%

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	2751 (38%)	1893 (31%)	45%	2564 (41%)	7%	8351 (40%)	6345 (34%)	32%	7427 (38%)	12%
4.1.2	State Hydel	152 (2%)	93 (2%)	63%	151 (2%)	0%	450 (2%)	442 (2%)	2%	577 (3%)	-22%
4.1.3	CGS	996 (14%)	1160 (19%)	-14%	907 (14%)	10%	3002 (14%)	3520 (19%)	-15%	2909 (15%)	3%
4.1.4	Gas	0 (0%)	41 (1%)	- 101%	45 (1%)	-101%	0 (0%)	128 (1%)	- 100%	135 (1%)	-100%
4.1.5	IPPs	873 (12%)	438 (7%)	99%	1077 (17%)	-19%	2759 (13%)	1415 (8%)	95%	3262 (17%)	-15%
4.1.6	VRE-Wind	1148 (16%)	949 (15%)	21%	937 (15%)	23%	1997 (10%)	2187 (12%)	-9%	2159 (11%)	-7%
4.1.7	VRE-Solar	697 (10%)	629 (10%)	11%	625 (10%)	11%	1682 (8%)	1933 (10%)	-13%	1930 (10%)	-13%
4.1.8	RE-Others	19 (0%)	25 (0%)	-24%	23 (0%)	-17%	59 (0%)	83 (0%)	-29%	75 (0%)	-21%
4.1.9	Markets	521 (7%)	936 (15%)	-44%	0 (0%)	-	2195 (11%)	2712 (14%)	-19%	875 (5%)	151%
4.1.10	Others	0 (0%)	18 (0%)	- 100%	-12 (0%)	-100%	385 (2%)	57 (0%)	577%	-12 (0%)	-3414%
4.1.11	Discom Purchases	7156	6182	16%	6317	13%	20881	18821	11%	19336	8%

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	1499 (40%)	1002 (30%)	50%	1255 (45%)	19%	4507 (40%)	3137 (31%)	44%	3726 (43%)	21%
4.2.2	State Hydel	53 (1%)	53 (2%)	1%	54 (2%)	-1%	160 (1%)	157 (2%)	2%	161 (2%)	0%
4.2.3	CGS	568 (15%)	580 (17%)	-2%	329 (12%)	73%	1676 (15%)	1727 (17%)	-3%	1030 (12%)	63%
4.2.4	Gas	1 (0%)	25 (1%)	-95%	22 (1%)	-95%	1 (0%)	75 (1%)	-99%	66 (1%)	-98%
4.2.5	IPPs	377 (10%)	201 (6%)	88%	431 (15%)	-13%	1269 (11%)	573 (6%)	121%	1303 (15%)	-3%
4.2.6	VRE-Wind	543 (15%)	448 (13%)	21%	434 (15%)	25%	946 (8%)	1033 (10%)	-8%	999 (12%)	-5%
4.2.7	VRE-Solar	304 (8%)	251 (7%)	21%	269 (10%)	13%	748 (7%)	816 (8%)	-8%	834 (10%)	-10%
4.2.8	RE-Others	12 (0%)	15 (0%)	-20%	12 (0%)	-2%	37 (0%)	51 (0%)	-27%	41 (0%)	-9%
4.2.9	Markets	329 (9%)	745 (22%)	-56%	0 (0%)	-	1660 (15%)	2572 (25%)	-35%	464 (5%)	257%
4.2.10	Others	19 (1%)	33 (1%)	-43%	-5 (0%)	-477%	175 (2%)	119 (1%)	48%	-5 (0%)	-3597%
4.2.11	Power Purchase Cost	3705	3352	11%	2801	32%	11179	10261	9%	8620	30%

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	295	275	7%	409	-28%	944	840	12%	1226	-23%
4.3.2	State Hydel	53	53	1%	54	-1%	160	157	2%	161	0%
4.3.3	CGS	117	117	1%	74	58%	353	440	-20%	223	58%
4.3.4	Gas	1	1	-24%	2	-39%	1	4	-74%	5	-80%
4.3.5	IPPs	107	85	26%	161	-34%	419	201	108%	483	-13%
4.3.6	Others	19	33	-43%	0	-	22	119	-82%	0	-
4.3.7	Fixed Cost	592	564	5%	699	-15%	1899	1762	8%	2098	-9%

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	1204	727	66%	847	42%	3563	2297	55%	2500	43%
4.4.2	CGS	451	463	-3%	254	77%	1323	1287	3%	807	64%
4.4.3	Gas	0	23	-100%	20	-100%	0	71	-100%	61	-100%
4.4.4	IPPs	270	116	133%	270	0%	851	372	129%	820	4%
4.4.5	VRE-Wind	543	448	21%	434	25%	946	1033	-8%	999	-5%
4.4.6	VRE-Solar	304	251	21%	269	13%	748	816	-8%	834	-10%
4.4.7	RE-Others	12	15	-22%	11	2%	36	50	-28%	38	-5%
4.4.8	Markets	329	745	-56%	0	-	1659	2572	-35%	464	257%
4.4.9	Others	0	0	-	-5	-100%	154	0	-	-5	-3162%
4.4.10	Variable Cost	3113	2788	12%	2101	48%	9279	8498	9%	6519	42%

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	5.29	3%	4.90	11%	5.40	4.94	9%	5.02	8%
4.5.2	State Hydel	3.51	5.68	-38%	3.54	-1%	3.56	3.56	0%	2.79	28%
4.5.3	CGS	5.71	5.00	14%	3.62	58%	5.58	4.91	14%	3.54	58%
4.5.4	Gas	-25.81	5.98	-532%	4.91	-626%	-25.81	5.89	-538%	4.91	-626%
4.5.5	IPPs	4.31	4.58	-6%	4.01	8%	4.60	4.05	14%	4.00	15%
4.5.6	VRE-Wind	4.73	4.72	0%	4.63	2%	4.74	4.73	0%	4.63	2%
4.5.7	VRE-Solar	4.36	3.99	9%	4.31	1%	4.45	4.22	5%	4.32	3%
4.5.8	RE-Others	6.47	6.13	6%	5.47	18%	6.30	6.13	3%	5.44	16%
4.5.9	Markets	6.32	7.96	-21%	0.00	-	7.56	9.48	-20%	5.31	42%
4.5.10	Others	0.00	18.75	-100%	4.32	-100%	4.56	20.92	-78%	4.32	6%
4.5.11	Weighted Average	5.18	5.42	-5%	4.43	17%	5.35	5.45	-2%	4.46	20%

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	1.07	1.45	-26%	1.59	-33%	1.13	1.32	-15%	1.65	-32%
4.6.2	State Hydel	3.51	5.68	-38%	3.54	-1%	3.56	3.56	0%	2.79	28%
4.6.3	CGS	1.18	1.01	17%	0.82	44%	1.18	1.25	-6%	0.77	54%
4.6.4	Gas	-25.81	0.36	-	0.41	-	-25.81	0.33	-	0.41	-
4.6.5	IPPs	1.22	1.93	-37%	1.50	-18%	1.52	1.42	7%	1.48	2%
4.6.6	Average FC	0.83	0.91	-9%	1.11	-25%	0.91	0.94	-3%	1.09	-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	4.38	3.84	14%	3.30	33%	4.27	3.62	18%	3.37	27%
4.7.2	CGS	4.53	3.99	13%	2.80	61%	4.41	3.66	21%	2.77	59%
4.7.3	Gas	0.00	5.62	-100%	4.50	-100%	0.00	5.56	-100%	4.50	-100%
4.7.4	IPPs	3.09	2.64	17%	2.51	23%	3.08	2.63	17%	2.51	23%
4.7.5	VRE-Wind	4.73	4.72	0%	4.63	2%	4.74	4.73	0%	4.63	2%
4.7.6	VRE-Solar	4.36	3.99	9%	4.31	1%	4.45	4.22	5%	4.32	3%
4.7.7	RE-Others	6.47	6.13	6%	5.47	18%	6.30	6.13	3%	5.44	16%
4.7.8	Markets	6.32	7.96	-21%	0.00	-	7.56	9.48	-20%	5.31	42%
4.7.9	Average VC	4.35	4.51	-4%	3.33	31%	4.44	4.52	-2%	3.37	32%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2324	2094	11%	6892	6602	4%
4.8.2	11KV	318	299	6%	958	896	7%
4.8.3	33KV	358	324	11%	1106	991	12%
4.8.4	EHT	705	635	11%	2223	1771	25%
4.2.11	Power Purchase Cost	3705	3352	11%	11179	10261	9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	725	639	13%	2139	1939	10%
4.9.2	11KV	99	91	9%	297	263	13%
4.9.3	33KV	112	99	13%	343	291	18%
4.9.4	EHT	220	194	13%	690	520	33%
2.19	Network Cost	1156	1023	13%	3470	3014	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	27	21	29%	74	63	17%
4.10.2	11KV	4	3	23%	10	9	20%
4.10.3	33KV	4	3	28%	12	9	26%
4.10.4	EHT	8	6	28%	24	17	41%
2.22	Retail Supply Cost	42	33	28%	120	98	23%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	3076	2754	12%	9105	8605	6%
4.11.2	11KV	420	393	7%	1266	1168	8%
4.11.3	33KV	474	426	11%	1461	1291	13%
4.11.4	EHT	933	835	12%	2936	2309	27%
2.23	Cost of Service	4903	4408	11%	14768	13373	10%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	146	42	250%	487	268	82%
4.12.2	11KV	138	135	2%	479	420	14%
4.12.3	33KV	202	170	19%	582	583	0%
4.12.4	EHT	196	153	28%	562	517	9%
4.12.5	Loss	682	500	36%	2109	1789	18%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	3162	2810	13%	9400	8806	7%
4.13.2	11KV	417	396	5%	1255	1167	7%
4.13.3	33KV	457	416	10%	1399	1249	12%
4.13.4	EHT	867	787	10%	2715	2150	26%
2.23	Cost of Service	4903	4408	11%	14768	13373	10%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.9	8.0	-2%	8.1	7.9	1%
4.14.2	11KV	7.6	7.9	-4%	7.7	7.8	0%
4.14.3	33KV	7.4	7.7	-4%	7.5	7.5	-1%
4.14.4	EHT	7.1	7.4	-4%	7.2	7.2	0%
2.36	ACS	7.7	7.9	-2%	7.8	7.8	0%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2845	2534	2534	2534	10446
5.1.2	Agriculture Subsidy	2596	2036	2036	2036	8704
5.1.3	Aquaculture Subsidy	249	115	115	115	595
5.1.4	SC Colonies Subsidy	0	146	146	146	438
5.1.5	ST Thandas Subsidy	0	30	30	30	90
5.1.6	Other Subsidy	0	207	207	207	620
5.1.7	Govt Agencies	743	1125	1125	1125	4118
5.1.8	Panchayats	283	426	426	426	1561
5.1.9	WR Dept	45	175	175	175	570
5.1.10	ULB	127	375	375	375	1252
5.1.11	Other Govt Dept	289	149	149	149	736
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	8746	8746	8746	36443
5.1.15	Total	13793	12405	12405	12405	51007
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	878	299	1129	579	-74%	-65%
5.2.2	Agriculture Subsidy	679	704	299	1129	405	-74%	-56%
5.2.3	Aquaculture Subsidy	38	71	0	0	71	-	-100%
5.2.4	SC Colonies Subsidy	49	53	0	0	53	-	-100%
5.2.5	ST Thandas Subsidy	10	11	0	0	11	-	-100%
5.2.6	Other Subsidy	69	39	0	0	39	-	-100%
5.2.7	Govt Agencies	375	475	375	222	100	69%	0%
5.2.8	Panchayats	142	162	245	20	-83	1113%	72%
5.2.9	WR Dept	58	76	23	2	53	1241%	-61%
5.2.10	ULB	125	57	40	28	17	42%	-68%
5.2.11	Other Govt Dept	50	180	68	172	112	-60%	38%
5.2.12	Govt serviced debt	0	0	0	86	0	-100%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2915	3864	3787	2897	78	31%	30%
5.2.15	Total	4135	5217	4461	4334	757	3%	8%
5.2.16	Opex Loans	0	0	0	61	0	-100%	-
5.2.17	Capex Loans	0	0	0	13	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	2534	2613	2845	4057	12257	12886	-30%	12%
5.3.2	Agriculture Subsidy	9944	2036	2112	2596	3881	9460	10122	-33%	28%
5.3.3	Aquaculture Subsidy	1392	115	206	249	175	1349	1336	42%	116%
5.3.4	SC Colonies Subsidy	829	146	149	0	0	978	836	-	-100%
5.3.5	ST Thandas Subsidy	256	30	29	0	0	285	241	-	-100%
5.3.6	Other Subsidy	67	207	117	0	0	184	351	-	-100%
5.3.7	Govt Agencies	11143	1125	1474	743	586	11874	10397	27%	-34%
5.3.8	Panchayats	5086	426	489	283	59	5292	4739	383%	-34%
5.3.9	WR Dept	5291	175	296	45	11	5543	4935	317%	-75%

5.3.10	ULB	356	375	167	127	79	396	332	60%	-66%
5.3.11	Other Govt Dept	410	149	522	289	438	643	391	-34%	94%
5.3.12	Govt serviced debt	0	0	0	0	260	0	0	-100%	-
5.3.13	UDAY Receivables	0	0	0	0	0	0	0	-	-
5.3.14	Private Customers Receivables	4513	8746	10366	10205	8034	4675	4102	27%	17%
5.3.15	Total	28144	12405	14453	13793	12937	28805	27385	7%	11%
5.3.16	Opex Loans	0	0	0	0	185	0	0	-100%	-
5.3.17	Capex Loans	0	0	0	0	43	0	0	-100%	-

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11179	7911	7521	8269	34881
6.1.2	State Thermal	4507	3436	3842	4273	16057
6.1.3	State Hydel	160	161	161	161	643
6.1.4	CGS	1676	1030	974	1027	4708
6.1.5	IPPs Gas	1	67	67	66	201
6.1.6	IPPs Thermal	1269	1241	1252	1300	5062
6.1.7	VRE- Wind	946	1421	315	356	3038
6.1.8	VRE- Solar	748	717	644	895	3004
6.1.9	Other-NCE	37	51	52	46	186
6.1.10	Market	1660	0	215	145	2019
6.1.11	Other	175	-213	0	0	-38
6.1.12	CTU Cost	423	376	376	376	1550
6.1.13	STU Cost	887	868	868	868	3492
6.1.14	Distribution Cost	2279	2993	2993	2993	11257
6.1.15	O&M Cost	1375	1805	1805	1805	6791
6.1.16	HR Cost	1155	1462	1462	1462	5540
6.1.17	A&G Cost	53	112	112	112	387
6.1.18	R&M Cost	167	232	232	232	863
6.1.19	Depreciation	444	438	438	438	1758
6.1.20	ROCE	143	548	548	548	1785
6.1.21	Others	317	202	202	202	922
6.1.22	Cost of Service	14769	12148	11758	12506	51180
7.1.1	Capex Debt service (P+I)	435	438	438	438	1749
7.1.2	Opex Debt service (P+I)	3129	0	0	0	3129

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2801	3705	3768	2742	-63	37%	35%
6.2.2	State Thermal	1255	1499	1258	1211	241	4%	0%
6.2.3	State Hydel	54	53	54	59	-1	-8%	1%
6.2.4	CGS	329	568	715	541	-147	32%	118%
6.2.5	IPPs Gas	22	1	0	27	1	-100%	-100%
6.2.6	IPPs Thermal	431	377	443	133	-66	233%	3%
6.2.7	VRE- Wind	434	543	619	4	-76	-	43%
6.2.8	VRE- Solar	269	304	180	0	124	-	-33%
6.2.9	Other-NCE	12	12	14	7	-2	100%	13%
6.2.10	Market	0	329	485	760	-156	-36%	-
6.2.11	Other	-5	19	0	0	19	-	-100%
6.2.12	CTU Cost	125	98	230	98	-132	135%	84%
6.2.13	STU Cost	289	303	183	114	120	61%	-37%
6.2.14	Distribution Cost	998	797	605	536	192	13%	-39%
6.2.15	O&M Cost	602	469	429	485	40	-12%	-29%
6.2.16	HR Cost	487	411	371	420	40	-12%	-24%
6.2.17	A&G Cost	37	19	19	15	0	27%	-49%
6.2.18	R&M Cost	77	39	39	50	0	-22%	-50%
6.2.19	Depreciation	146	146	72	0	0	-	-51%
6.2.20	ROCE	183	50	0	0	0	-	-100%
6.2.21	Others	67	133	104	51	29	104%	55%
6.2.22	Cost of Service	4213	4903	4786	3490	117	37%	14%
7.2.1	Capex Debt service (P+I)	146	145	145	118	0	23%	-1%
7.2.2	Opex Debt service (P+I)	0	1274	1257	610	17	106%	-

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	8620	11179	12249	9288	5287	1518	32%	42%
6.3.2	State Thermal	-1078	3726	4507	4037	4323	-608	797	-7%	8%
6.3.3	State Hydel	130	161	160	162	170	128	41	-5%	1%
6.3.4	CGS	1766	1030	1676	2475	1953	967	18	27%	140%
6.3.5	IPPs Gas	72	66	1	0	75	73	6	-100%	-100%
6.3.6	IPPs Thermal	1273	1303	1269	1362	521	1180	116	161%	5%
6.3.7	VRE- Wind	2746	999	946	1879	12	1813	453	-	88%
6.3.8	VRE- Solar	707	834	748	638	4	817	85	-	-24%
6.3.9	Other-NCE	112	41	37	47	26	102	0	81%	16%
6.3.10	Market	629	464	1660	1649	2204	640	2	-25%	255%
6.3.11	Other	0	-5	175	0	0	175	0	-	-100%
6.3.12	CTU Cost	36	376	423	504	385	-45	0	31%	34%
6.3.13	STU Cost	2063	868	887	518	409	2432	0	27%	-40%
6.3.14	Distribution Cost	0	2993	2279	1783	1667	496	0	7%	-40%
6.3.15	O&M Cost	0	1805	1375	1395	1493	-20	0	-7%	-23%
6.3.16	HR Cost	0	1462	1155	1157	1273	-2	0	-9%	-21%
6.3.17	A&G Cost	0	112	53	67	59	-14	0	14%	-40%
6.3.18	R&M Cost	0	232	167	171	161	-4	0	6%	-26%
6.3.19	Depreciation	0	438	444	152	0	292	0	-	-65%
6.3.20	ROCE	0	548	143	0	0	143	0	-	-100%
6.3.21	Others	0	202	317	236	174	81	0	36%	17%
6.3.22	Cost of Service	8456	12857	14769	15054	11749	8171	1518	28%	17%
7.3.1	Capex Debt service (P+I)	0	438	435	435	376	0	0	16%	-1%
7.3.2	Opex Debt service (P+I)	51	0	3129	3073	2024	56	17	52%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	435	438	438	438	1749
7.1.2	ERC disallowable-Opex Debt	3129	0	0	0	3129
7.1.3	Debt Servicing	3564	438	438	438	4878

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	145	145	118	0	23%	-1%
7.2.2	ERC disallowable-Opex Debt	0	1274	1257	610	17	106%	-
7.2.3	Debt Servicing	146	1419	1402	728	17	93%	861%

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	438	435	435	376	0	0	16%	-1%
7.3.2	ERC disallowable-Opex Debt	51	0	3129	3073	2024	56	17	52%	-
7.3.3	Debt Servicing	51	438	3564	3508	2400	56	17	46%	701%

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	6624	6510	2%	14787	13386	10%	21411	19896	8%
7.4.2	PFC	1737	1493	16%	15266	13866	10%	17003	15359	11%
7.4.3	APPFCL	0	0	-	8562	8857	-3%	8562	8857	-3%
7.4.4	BANKS	1257	1309	-4%	989	1321	-25%	2246	2630	-15%
7.4.5	IREDA	0	0	-	165	210	-21%	165	210	-21%
7.4.6	ICD	0	0	-	1377	1535	-10%	1377	1535	-10%
7.4.7	PTC	0	0	-	22	44	-50%	22	44	-50%
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	10744	10438	3%	44540	41751	7%	55284	52189	6%

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 =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