

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators May - 2022

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	4682 (82%)	4398 (80%)	6%	9352 (81%)	8862 (78%)	6%
3.1.12	Agl Consumption	MU	1019 (18%)	1106 (20%)	-8%	2154 (19%)	2521 (22%)	-15%
3.1.22	Discom Sales	MU	5701	5504	4%	11506	11382	1%
1.02	Private Sales	MU	4946 (87%)	4565 (83%)	8%	9664 (84%)	9181 (81%)	5%
1.03	Government Sales	MU	233 (4%)	263 (5%)	-11%	600 (5%)	781 (7%)	-23%
1.04	Government Subsidy	MU	399 (7%)	549 (10%)	-27%	946 (8%)	1120 (10%)	-16%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	12439	11007	13%	12009	10523	14%
5.2.14	Pvt Sales	Rs Cr	2667	2193	22%	5137	4533	13%
5.2.7	Gov Sales	Rs Cr	183	110	66%	364	246	48%
5.2.1	Gov Subsidy	Rs Cr	968	314	208%	2927	866	238%
1.06	Others	Rs Cr	88	73	21%	173	96	81%
5.2.15	Discom Collections	Rs Cr	3906	2690	45%	8602	5740	50%
1.07	Metered Sales	Rs Cr	2849	2349	21%	5668	4818	18%
3.3.12	Agl Consumption	Rs Cr	970	268	262%	2761	827	234%
1.08	Revenue from Sale	Rs Cr	3939	3456	14%	7651	6970	10%
1.09	Adj Revenue from Sale	Rs Cr	4012	3148	27%	8556	6557	30%
1.10	Closing Debtors	Rs Cr	12802	11023	16%	12802	11023	16%
1.11	Adj Closing Debtors	Rs Cr	12802	11023	16%	12802	11023	16%
KPIs								
3.5.22	ARR	Rs/kWh	6.70	4.75	41%	7.33	4.96	48%
3.6.22	AMC	kWh/bill/Mth	305	308	-1%	597	621	-4%
3.7.22	ACPB	Rs/bill/Mth	2045	1463	40%	4374	3082	42%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5701 (92%)	5504 (96%)	4%	11506 (93%)	11382 (95%)	1%
2.01	Discom Losses	MU	462 (7%)	455 (8%)	1%	924 (7%)	926 (8%)	0%
2.02	Discom Input	MU	6163 (99%)	5959 (103%)	3%	12430 (100%)	12308 (103%)	1%
2.03	Transmission Loss	MU	167 (3%)	153 (3%)	9%	364 (3%)	342 (3%)	7%
4.1.11	Discom Purchases	MU	6196	5761	8%	12378	11986	3%
4.2.11	Power Purchase Cost	Rs. Cr	3380 (78%)	2402 (74%)	41%	6741 (78%)	4986 (75%)	35%
Contracted Network Capacity (MW)								
2.04	STU	MW	13877	12843	8%	13877	12843	8%
2.05	CTU	MW	1720	1651	4%	1720	1651	4%
2.06	Distribution	MW	10797	11334	-5%	10797	11334	-5%
Capacity Charges								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.4	1.6	-13%	1.6	1.6	-3%
2.08	CTU Charges	Rs. Lacs/MW/Mth	4.4	3.5	26%	4.7	2.2	116%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.2	4.8	29%	5.7	5.0	13%
Network Cost (Rs. Cr)								
2.10	STU Cost	Rs Cr	188 (4%)	203 (6%)	-8%	437 (5%)	410 (6%)	6%
2.11	CTU Cost	Rs Cr	75 (2%)	58 (2%)	30%	160 (2%)	71 (1%)	126%
2.12	Distribution Network Cost	Rs Cr	664 (15%)	547 (17%)	21%	1223 (14%)	1135 (17%)	8%
2.13	O&M Cost	Rs Cr	463	373	24%	821	765	7%
2.14	HR Cost	Rs Cr	376	316	19%	680	641	6%
2.15	A&G Cost	Rs Cr	20	18	9%	38	42	-9%
2.16	R & M Cost	Rs Cr	67	40	68%	102	82	25%
2.17	Depreciation	Rs Cr	133	133	0%	261	267	-2%
2.18	ROCE	Rs Cr	23	0	-9667%	46	23	104%
2.19	Others	Rs Cr	46	41	13%	95	81	18%
2.20	Network Cost	Rs Cr	927 (21%)	807 (25%)	15%	1820 (21%)	1616 (24%)	13%
Retail Supply Cost (Rs. Cr)								
2.21	B&C Cost and Supply Margin	Rs Cr	16	20	-20%	28	32	-11%
2.22	Interest on Security Deposits	Rs Cr	19	18	8%	39	36	8%
2.23	Retail Supply Cost	Rs Cr	36 (1%)	38 (1%)	-7%	67 (1%)	68 (1%)	-1%
Cost of Service (Rs. Cr)								
2.24	Cost of Service	Rs Cr	4342	3248	34%	8628	6670	29%
7.2.2	ERC Disallowed Debt	Rs Cr	688	420	64%	1414	0	-
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.45	4.17	31%	5.45	4.16	31%
2.25	STU Cost per Unit	Rs/kWh	0.30	0.35	-14%	0.35	0.34	3%
2.26	CTU Cost per Unit	Rs/kWh	0.12	0.10	21%	0.13	0.06	119%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.64	0.61	4%	0.68	0.35	94%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.07	0.95	13%	0.99	0.95	4%
2.28	Network Cost per Unit	Rs/kWh	1.50	1.39	8%	1.47	1.35	9%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.06	0.07	-14%	0.05	0.06	-4%
2.30	Cost of Service per Unit	Rs/kWh	7.01	5.64	24%	6.97	5.57	25%
KPIs on Sales basis								
2.31	Energy Cost on Sales Basis	Rs/kWh	5.93	4.36	36%	5.86	4.38	34%

2.32	STU Cost per Unit	Rs/kWh	0.33	0.36	-8%		0.38	0.36	5%
2.33	CTU Cost per Unit	Rs/kWh	0.13	0.10	26%		0.14	0.06	124%
2.34	Distribution Network Cost per Unit	Rs/kWh	1.16	0.99	17%		1.06	1.00	7%
2.35	Network Cost per Unit	Rs/kWh	1.63	1.47	11%		1.58	1.42	11%
2.36	Retail Supply Cost per Unit	Rs/kWh	0.06	0.07	-10%		0.06	0.06	-2%
2.37	ACS	Rs/kWh	7.62	5.90	29%		7.50	5.86	28%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	1.21	0.76	58%		1.23	0.00	-
AT&C Losses									
2.39	Collection η	%	93%	91%	2%		101%	87%	17%
2.40	Units Realized	MU	4933	4695	5%		11109	9332	19%
2.41	Units Unrealized	MU	825	921	-10%		729	2285	-68%
2.42	AT&C Losses	%	14%	16%	-13%		6%	20%	-69%
ARR-ACS GAP									
2.43	GAP	Rs/kWh	-0.92	-1.15	-20%		-0.17	-0.90	-81%

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	147 (3%)	144 (3%)	3%	294 (3%)	287 (3%)	3%
3.1.2	31-75	267 (5%)	257 (5%)	4%	531 (5%)	514 (5%)	3%
3.1.3	76-125	313 (5%)	304 (6%)	3%	635 (6%)	617 (5%)	3%
3.1.4	126-225	408 (7%)	434 (8%)	-6%	856 (7%)	843 (7%)	2%
3.1.5	226-400	324 (6%)	320 (6%)	1%	599 (5%)	567 (5%)	6%
3.1.6	>400	227 (4%)	235 (4%)	-4%	368 (3%)	362 (3%)	2%
3.1.7	LT-1	1686 (30%)	1694 (31%)	0%	3282 (29%)	3189 (28%)	3%
3.1.8	LT-2	323 (6%)	267 (5%)	21%	633 (5%)	545 (5%)	16%
3.1.9	LT-3	136 (2%)	134 (2%)	1%	285 (2%)	283 (2%)	1%
3.1.10	LT-4	144 (3%)	120 (2%)	20%	281 (2%)	247 (2%)	14%
3.1.11	LT-5	1431 (25%)	1449 (26%)	-1%	2994 (26%)	3246 (29%)	-8%
3.1.12	LT-5 A (ii)	1019 (18%)	1106 (20%)	-8%	2154 (19%)	2521 (22%)	-15%
3.1.13	LT-5 excluding A(ii)	412 (7%)	343 (6%)	20%	840 (7%)	726 (6%)	16%
3.1.14	LT	3719 (65%)	3664 (67%)	2%	7474 (65%)	7510 (66%)	0%
3.1.15	HT-1	6 (0%)	6 (0%)	-3%	12 (0%)	12 (0%)	1%
3.1.16	HT-2	165 (3%)	125 (2%)	32%	322 (3%)	254 (2%)	27%
3.1.17	HT-3	1517 (27%)	1397 (25%)	9%	3085 (27%)	2882 (25%)	7%
3.1.18	HT-4	228 (4%)	183 (3%)	24%	458 (4%)	369 (3%)	24%
3.1.19	HT-5	19 (0%)	73 (1%)	-74%	52 (0%)	241 (2%)	-78%
3.1.20	Rescos	47 (1%)	55 (1%)	-13%	103 (1%)	114 (1%)	-10%
3.1.21	HT	1982 (35%)	1840 (33%)	8%	4032 (35%)	3872 (34%)	4%
3.1.22	Discom Sales	5701	5504	4%	11506	11382	1%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3712	3664	1%	7467	7510	-1%
3.2.2	11KV	505	484	4%	1021	983	4%
3.2.3	33KV	535	529	1%	1109	1106	0%
3.2.4	EHT	949	827	15%	1908	1783	7%
3.1.22	Discom Sales	5701	5504	4%	11506	11383	1%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	15 (0%)	11 (0%)	40%	30 (0%)	28 (0%)	7%
3.3.2	31-75	51 (1%)	33 (1%)	56%	88 (1%)	67 (1%)	30%
3.3.3	76-125	100 (3%)	78 (3%)	28%	188 (2%)	162 (3%)	16%
3.3.4	126-225	180 (5%)	138 (5%)	30%	331 (4%)	278 (5%)	19%
3.3.5	226-400	210 (5%)	179 (7%)	17%	361 (4%)	318 (6%)	14%
3.3.6	>400	203 (5%)	182 (7%)	12%	316 (4%)	284 (5%)	11%
3.3.7	LT-1	759 (20%)	621 (24%)	22%	1313 (16%)	1137 (20%)	16%
3.3.8	LT-2	344 (9%)	248 (9%)	39%	670 (8%)	536 (10%)	25%
3.3.9	LT-3	117 (3%)	98 (4%)	19%	237 (3%)	215 (4%)	10%
3.3.10	LT-4	35 (1%)	22 (1%)	61%	75 (1%)	62 (1%)	21%
3.3.11	LT-5	1071 (28%)	380 (15%)	182%	2997 (36%)	1066 (19%)	181%
3.3.12	LT-5 A (ii)	970 (25%)	268 (10%)	262%	2761 (33%)	827 (15%)	234%
3.3.13	LT-5 excluding A(ii)	100 (3%)	112 (4%)	-10%	236 (3%)	239 (4%)	-1%
3.3.14	LT	2326 (61%)	1369 (52%)	70%	5293 (63%)	3016 (53%)	75%
3.3.15	HT-1	4 (0%)	4 (0%)	1%	8 (0%)	9 (0%)	-8%
3.3.16	HT-2	184 (5%)	139 (5%)	32%	331 (4%)	274 (5%)	21%
3.3.17	HT-3	1128 (30%)	964 (37%)	17%	2476 (29%)	2079 (37%)	19%
3.3.18	HT-4	166 (4%)	124 (5%)	34%	306 (4%)	240 (4%)	28%
3.3.19	HT-5	10 (0%)	12 (0%)	-18%	12 (0%)	18 (0%)	-35%

3.3.20	Rescos	2 (0%)	5 (0%)	-62%	4 (0%)	9 (0%)	-58%
3.3.21	HT	1493 (39%)	1248 (48%)	20%	3137 (37%)	2629 (47%)	19%
3.3.22	Discom Collections	3819	2617	46%	8430	5645	49%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	29,88,082(16%)	29,70,313(17%)	1%	31,38,515(16%)	30,16,821(16%)	4%
3.4.2	31-75	37,17,905(20%)	38,87,475(22%)	-4%	39,95,649(21%)	40,05,346(22%)	0%
3.4.3	76-125	32,53,583(17%)	32,05,069(18%)	2%	34,20,779(18%)	33,21,931(18%)	3%
3.4.4	126-225	29,43,730(16%)	25,69,024(14%)	15%	29,43,730(15%)	26,86,311(15%)	10%
3.4.5	226-400	12,78,671(7%)	10,40,018(6%)	23%	12,78,671(7%)	10,40,018(6%)	23%
3.4.6	>400	5,07,885(3%)	4,71,445(3%)	8%	5,07,885(3%)	4,71,445(3%)	8%
3.4.7	LT-1	1,46,89,856(79%)	1,41,43,344(79%)	4%	1,52,85,229(79%)	1,45,41,872(79%)	5%
3.4.8	LT-2	16,17,017(9%)	15,04,599(8%)	7%	16,17,017(8%)	15,04,599(8%)	7%
3.4.9	LT-3	81,661(0%)	80,032(0%)	2%	81,664(0%)	80,038(0%)	2%
3.4.10	LT-4	3,43,127(2%)	3,25,679(2%)	5%	3,43,127(2%)	3,25,679(2%)	5%
3.4.11	LT-5	19,32,065(10%)	18,24,484(10%)	6%	19,32,065(10%)	18,52,124(10%)	4%
3.4.12	LT-5 A (ii)	17,75,184(10%)	16,37,844(9%)	8%	17,75,184(9%)	16,65,484(9%)	7%
3.4.13	LT-5 excluding A(ii)	1,56,881(1%)	1,86,640(1%)	-16%	1,56,881(1%)	1,86,640(1%)	-16%
3.4.14	LT	1,86,63,726(100%)	1,78,78,138(100%)	4%	1,92,59,102(100%)	1,83,04,312(100%)	5%
3.4.15	HT-1	113(0%)	109(0%)	4%	113(0%)	109(0%)	4%
3.4.16	HT-2	4,604(0%)	4,474(0%)	3%	4,604(0%)	4,474(0%)	3%
3.4.17	HT-3	6,416(0%)	7,011(0%)	-8%	6,416(0%)	7,011(0%)	-8%
3.4.18	HT-4	772(0%)	719(0%)	7%	772(0%)	719(0%)	7%
3.4.19	HT-5	715(0%)	705(0%)	1%	717(0%)	752(0%)	-5%
3.4.20	Rescos	1(0%)	82(0%)	-99%	1(0%)	82(0%)	-99%
3.4.21	HT	12,621(0%)	13,100(0%)	-4%	12,623(0%)	13,147(0%)	-4%
3.4.22	Discom Bills	1,86,76,347	1,78,91,238	4%	1,92,71,725	1,83,17,459	5%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	1.02	0.75	37%	1.01	0.97	4%
3.5.2	31-75	1.92	1.28	50%	1.65	1.31	26%
3.5.3	76-125	3.19	2.58	24%	2.96	2.62	13%
3.5.4	126-225	4.42	3.19	38%	3.87	3.30	17%
3.5.5	226-400	6.47	5.58	16%	6.04	5.61	8%
3.5.6	>400	8.96	7.74	16%	8.59	7.84	10%
3.5.7	LT-1	4.50	3.67	23%	4.00	3.57	12%
3.5.8	LT-2	10.65	9.31	14%	10.60	9.84	8%
3.5.9	LT-3	8.61	7.30	18%	8.31	7.61	9%
3.5.10	LT-4	2.42	1.80	35%	2.68	2.51	6%
3.5.11	LT-5	7.48	2.62	185%	10.01	3.28	205%
3.5.12	LT-5 A (ii)	9.52	2.43	293%	12.82	3.28	291%
3.5.13	LT-5 excluding A(ii)	2.44	3.27	-25%	2.81	3.29	-14%
3.5.14	LT	6.25	3.74	67%	7.08	4.02	76%
3.5.15	HT-1	6.96	6.70	4%	6.84	7.52	-9%
3.5.16	HT-2	11.11	11.08	0%	10.29	10.78	-4%
3.5.17	HT-3	7.44	6.90	8%	8.03	7.21	11%
3.5.18	HT-4	7.28	6.75	8%	6.68	6.51	3%
3.5.19	HT-5	5.19	1.63	218%	2.22	0.73	203%
3.5.20	Rescos	0.37	0.86	-57%	0.37	0.80	-53%
3.5.21	HT	7.53	6.78	11%	7.78	6.79	15%
3.5.22	ARR	6.70	4.75	41%	7.33	4.96	48%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	49	48	2%	94	95	-1%
3.6.2	31-75	72	66	9%	133	128	4%
3.6.3	76-125	96	95	1%	186	186	0%
3.6.4	126-225	139	169	-18%	291	314	-7%
3.6.5	226-400	253	308	-18%	468	546	-14%
3.6.6	>400	446	498	-11%	724	768	-6%
3.6.7	LT-1	115	120	-4%	215	219	-2%
3.6.8	LT-2	200	177	13%	391	362	8%
3.6.9	LT-3	1661	1680	-1%	3492	3539	-1%
3.6.10	LT-4	418	369	13%	819	757	8%
3.6.11	LT-5	741	794	-7%	1550	1753	-12%
3.6.12	LT-5 A (ii)	574	675	-15%	1214	1513	-20%
3.6.13	LT-5 excluding A(ii)	2623	1838	43%	5353	3889	38%
3.6.14	LT	199	205	-3%	388	410	-5%
3.6.15	HT-1	55664	59526	-6%	106195	109343	-3%
3.6.16	HT-2	35884	28038	28%	69870	56753	23%
3.6.17	HT-3	236376	199319	19%	480789	411064	17%
3.6.18	HT-4	295155	255049	16%	593899	513047	16%
3.6.19	HT-5	26126	103249	-75%	72720	320839	-77%
3.6.20	Rescos	47490000	666750	7023%	102920000	1391993	7294%
3.6.21	HT	157049	140473	12%	319415	294523	8%
3.6.22	AMC	305	308	-1%	597	621	-4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	50	36	39%	94	92	2%
3.7.2	31-75	138	85	63%	220	168	31%
3.7.3	76-125	307	245	26%	549	487	13%
3.7.4	126-225	612	539	14%	1124	1035	9%
3.7.5	226-400	1638	1719	-5%	2827	3061	-8%
3.7.6	>400	3996	3858	4%	6216	6015	3%
3.7.7	LT-1	517	439	18%	859	782	10%
3.7.8	LT-2	2128	1649	29%	4145	3565	16%
3.7.9	LT-3	14298	12269	17%	29007	26915	8%
3.7.10	LT-4	1011	662	53%	2192	1904	15%
3.7.11	LT-5	5543	2084	166%	15514	5753	170%
3.7.12	LT-5 A (ii)	5467	1637	234%	15554	4966	213%
3.7.13	LT-5 excluding A(ii)	6404	6006	7%	15056	12780	18%
3.7.14	LT	1246	766	63%	2748	1648	67%
3.7.15	HT-1	387611	399055	-3%	726549	821991	-12%
3.7.16	HT-2	398805	310713	28%	719157	611563	18%
3.7.17	HT-3	1758058	1374695	28%	3858635	2965795	30%
3.7.18	HT-4	2147927	1722499	25%	3966710	3337659	19%
3.7.19	HT-5	135524	168461	-20%	161506	235459	-31%
3.7.20	Rescos	17700000	573024	2989%	38500000	1119366	3339%
3.7.21	HT	1183139	952355	24%	2484885	1999509	24%
3.7.22	ACPB	2045	1463	40%	4374	3082	42%

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	2158 (35%)	1454 (25%)	48%	2989 (48%)	-28%	4453 (36%)	3382 (28%)	32%	5891 (48%)	-24%
4.1.2	State Hydel	144 (2%)	93 (2%)	55%	152 (2%)	-5%	349 (3%)	308 (3%)	13%	370 (3%)	-6%
4.1.3	CGS	1177 (19%)	939 (16%)	25%	785 (13%)	50%	2359 (19%)	2021 (17%)	17%	1574 (13%)	50%
4.1.4	Gas	44 (1%)	137 (2%)	-68%	46 (1%)	-5%	88 (1%)	259 (2%)	-66%	91 (1%)	-3%
4.1.5	IPPs	532 (9%)	161 (3%)	231%	770 (12%)	-31%	989 (8%)	324 (3%)	206%	1550 (13%)	-36%
4.1.6	VRE-Wind	721 (12%)	584 (10%)	24%	642 (10%)	12%	1059 (9%)	944 (8%)	12%	1060 (9%)	0%
4.1.7	VRE-Solar	665 (11%)	724 (13%)	-8%	709 (11%)	-6%	1232 (10%)	1367 (11%)	-10%	1477 (12%)	-17%
4.1.8	RE-Others	24 (0%)	20 (0%)	21%	41 (1%)	-42%	38 (0%)	43 (0%)	-11%	80 (1%)	-52%
4.1.9	Markets	731 (12%)	1621 (28%)	-55%	35 (1%)	2001%	1775 (14%)	3301 (28%)	-46%	205 (2%)	764%
4.1.10	Others	0 (0%)	30 (1%)	- 100%	0 (0%)	-	35 (0%)	36 (0%)	-3%	0 (0%)	-
4.1.11	Discom Purchases	6196	5761	8%	6169	0%	12378	11986	3%	12298	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	1016 (30%)	731 (30%)	39%	1368 (51%)	-26%	2089 (31%)	1604 (32%)	30%	2706 (51%)	-23%
4.2.2	State Hydel	52 (2%)	51 (2%)	2%	52 (2%)	0%	105 (2%)	102 (2%)	2%	105 (2%)	0%
4.2.3	CGS	626 (19%)	368 (15%)	70%	293 (11%)	114%	1152 (17%)	788 (16%)	46%	588 (11%)	96%
4.2.4	Gas	24 (1%)	34 (1%)	-29%	29 (1%)	-17%	48 (1%)	63 (1%)	-24%	57 (1%)	-16%
4.2.5	IPPs	202 (6%)	61 (3%)	232%	277 (10%)	-27%	375 (6%)	122 (2%)	208%	558 (11%)	-33%
4.2.6	VRE-Wind	341 (10%)	274 (11%)	24%	302 (11%)	13%	500 (7%)	445 (9%)	13%	498 (9%)	0%
4.2.7	VRE-Solar	282 (8%)	310 (13%)	-9%	324 (12%)	-13%	533 (8%)	591 (12%)	-10%	677 (13%)	-21%
4.2.8	RE-Others	14 (0%)	11 (0%)	32%	0 (0%)	-	21 (0%)	24 (0%)	-12%	0 (0%)	-
4.2.9	Markets	822 (24%)	541 (23%)	52%	15 (1%)	5391%	1859 (28%)	1217 (24%)	53%	88 (2%)	2005%
4.2.10	Others	0 (0%)	21 (1%)	- 100%	0 (0%)	-	59 (1%)	31 (1%)	91%	0 (0%)	-
4.2.11	Power Purchase Cost	3380	2402	41%	2660	27%	6741	4986	35%	5277	28%

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	277	279	-1%	353	-22%	565	532	6%	706	-20%
4.3.2	State Hydel	52	51	2%	52	0%	105	102	2%	105	0%
4.3.3	CGS	196	111	77%	76	158%	317	225	41%	152	109%
4.3.4	Gas	0	2	-100%	18	-100%	0	3	-100%	36	-100%
4.3.5	IPPs	23	24	-3%	71	-67%	45	47	-4%	142	-68%
4.3.6	Fixed Cost	548	466	18%	570	-4%	1032	909	13%	1140	-10%

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	739	453	63%	1014	-27%	1524	1073	42%	2000	-24%
4.4.2	CGS	430	257	68%	217	98%	835	564	48%	436	92%
4.4.3	Gas	24	32	-26%	11	116%	48	60	-20%	22	121%
4.4.4	IPPs	179	37	383%	207	-13%	330	75	341%	416	-21%
4.4.5	VRE-Wind	341	274	24%	302	13%	500	445	13%	498	0%
4.4.6	VRE-Solar	282	310	-9%	324	-13%	533	591	-10%	677	-21%
4.4.7	RE-Others	14	10	40%	0	-	21	22	-6%	0	-
4.4.8	Markets	822	541	52%	15	5391%	1859	1217	53%	88	2005%
4.4.9	Variable Cost	2831	1915	48%	2090	35%	5650	4045	40%	4137	37%

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	4.71	5.03	-6%	4.58	3%	4.69	4.74	-1%	4.59	2%
4.5.2	State Hydel	3.63	5.51	-34%	3.44	6%	3.00	3.32	-10%	2.83	6%
4.5.3	CGS	5.32	3.92	36%	3.73	43%	4.88	3.90	25%	3.73	31%
4.5.4	Gas	5.42	2.46	120%	6.23	-13%	5.46	2.44	124%	6.30	-13%
4.5.5	IPPs	3.80	3.80	0%	3.60	5%	3.79	3.76	1%	3.60	5%
4.5.6	VRE-Wind	4.73	4.70	1%	4.70	1%	4.72	4.71	0%	4.70	1%
4.5.7	VRE-Solar	4.25	4.29	-1%	4.57	-7%	4.32	4.32	0%	4.58	-6%
4.5.8	RE-Others	5.92	5.44	9%	0.00	-	5.49	5.51	0%	0.00	-
4.5.9	Markets	11.24	3.34	236%	4.30	161%	10.47	3.69	184%	4.30	144%
4.5.10	Others	0.00	6.81	-100%	0.00	-100%	16.61	8.45	97%	0.00	-
4.5.11	Weighted Average	5.45	4.17	31%	4.31	27%	5.45	4.16	31%	4.29	27%

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	1.28	1.92	-33%	1.18	9%	1.27	1.57	-19%	1.20	6%
4.6.2	State Hydel	3.63	5.51	-34%	3.44	6%	3.00	3.32	-10%	2.83	6%
4.6.3	CGS	1.66	1.18	41%	0.97	72%	1.34	1.11	21%	0.96	39%
4.6.4	Gas	0.00	0.11	-100%	3.85	-100%	0.00	0.13	-100%	3.91	-100%
4.6.5	IPPs	0.44	1.49	-71%	0.92	-52%	0.46	1.45	-68%	0.91	-50%
4.6.6	Average FC	0.89	0.85	5%	0.92	-4%	0.83	0.79	6%	0.93	-10%

4.7 Variable Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.7.1	State Thermal	3.42	3.11	10%	3.39	1%	3.42	3.17	8%	3.39	1%
4.7.2	CGS	3.66	2.74	34%	2.77	32%	3.54	2.79	27%	2.77	28%
4.7.3	Gas	5.42	2.35	131%	2.39	127%	5.46	2.30	137%	2.39	129%
4.7.4	IPPs	3.36	2.31	46%	2.68	25%	3.33	2.31	44%	2.68	24%
4.7.5	VRE-Wind	4.73	4.70	1%	4.70	1%	4.72	4.71	0%	4.70	1%
4.7.6	VRE-Solar	4.25	4.29	-1%	4.57	-7%	4.32	4.32	0%	4.58	-6%
4.7.7	RE-Others	5.92	5.44	9%	0.00	-	5.49	5.51	0%	0.00	-
4.7.8	Markets	11.24	3.34	236%	4.30	161%	10.47	3.69	184%	4.30	144%
4.7.9	Average VC	4.57	3.32	37%	3.39	35%	4.61	3.37	37%	3.36	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	2201	1599	38%	4375	3290	33%
4.8.2	11KV	299	211	42%	598	431	39%
4.8.3	33KV	317	231	37%	650	485	34%
4.8.4	EHT	563	361	56%	1118	781	43%
4.2.11	Power Purchase Cost	3380	2402	41%	6741	4986	35%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	566	575	-2%	1144	1104	4%
4.9.2	11KV	77	76	1%	156	145	8%
4.9.3	33KV	82	83	-2%	170	163	4%
4.9.4	EHT	145	130	11%	292	262	12%
2.20	Network Cost	870	864	1%	1763	1673	5%

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	22	21%	47	42	13%
4.10.2	11KV	4	3	25%	6	5	19%
4.10.3	33KV	4	3	21%	7	6	14%
4.10.4	EHT	7	5	37%	12	10	22%
2.23	Retail Supply Cost	41	33	24%	73	63	15%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2794	2196	27%	5566	4435	25%
4.11.2	11KV	380	290	31%	761	581	31%
4.11.3	33KV	403	317	27%	827	653	27%
4.11.4	EHT	714	496	44%	1423	1053	35%
2.24	Cost of Service	4291	3299	30%	8576	6722	28%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	129	76	69%	227	181	26%
4.12.2	11KV	135	161	-16%	288	320	-10%
4.12.3	33KV	198	218	-9%	409	426	-4%
4.12.4	EHT	167	153	9%	364	342	7%
4.12.5	Loss	628	609	3%	1288	1268	2%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2866	2245	28%	5706	4539	26%
4.13.2	11KV	377	291	30%	758	580	31%
4.13.3	33KV	387	306	27%	796	630	26%
4.13.4	EHT	661	458	44%	1317	974	35%
2.24	Cost of Service	4291	3299	30%	8576	6722	28%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.7	6.1	26%	7.6	6.0	26%
4.14.2	11KV	7.5	6.0	24%	7.4	5.9	26%
4.14.3	33KV	7.2	5.8	25%	7.2	5.7	26%
4.14.4	EHT	7.0	5.5	26%	6.9	5.5	26%
2.37	ACS	7.5	6.0	26%	7.5	5.9	26%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
5.1.1	Subsidy	3854	2781	2781	2781	12197
5.1.2	Agriculture Subsidy	3510	2274	2274	2274	10333
5.1.3	Aquaculture Subsidy	255	238	238	238	969
5.1.4	SC Colonies Subsidy	43	129	129	129	431
5.1.5	ST Thandas Subsidy	9	28	28	28	92
5.1.6	Other Subsidy	37	112	112	112	372
5.1.7	Govt Agencies	772	1223	1223	1223	4440
5.1.8	Panchayats	180	426	426	426	1459
5.1.9	WR Dept	69	179	179	179	605
5.1.10	ULB	207	467	467	467	1610
5.1.11	Other Govt Dept	316	150	150	150	766
5.1.12	Govt serviced debt	173	0	0	0	173
5.1.13	UDAY Receivables	0	0	0	0	0
5.1.14	Private Customers Receivables	7734	7792	7792	7792	31111
5.1.15	Total	12533	11796	11796	11796	47921
5.1.16	Opex Loans	24	0	0	0	24
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	927	904	968	314	-64	208%	4%
5.2.2	Agriculture Subsidy	758	762	968	223	-206	334%	28%
5.2.3	Aquaculture Subsidy	79	45	0	91	45	-100%	-100%
5.2.4	SC Colonies Subsidy	43	49	0	0	49	-	-100%
5.2.5	ST Thandas Subsidy	9	10	0	0	10	-	-100%
5.2.6	Other Subsidy	37	38	0	0	38	-	-100%
5.2.7	Govt Agencies	408	467	183	110	284	66%	-55%
5.2.8	Panchayats	142	142	12	6	130	100%	-92%
5.2.9	WR Dept	60	80	7	5	73	40%	-88%
5.2.10	ULB	156	64	31	3	33	933%	-80%
5.2.11	Other Govt Dept	50	181	133	96	48	39%	166%
5.2.12	Govt serviced debt	0	119	88	73	31	21%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2597	2785	2667	2193	118	22%	3%
5.2.15	Total	3932	4275	3906	2690	369	45%	-1%
5.2.16	Opex Loans	0	0	0	120	0	-100%	-
5.2.17	Capex Loans	0	0	0	0	0	-	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
5.3.1	Subsidy	4921	1854	1854	2927	866	3847	4183	238%	58%
5.3.2	Agriculture Subsidy	2242	1516	1524	2752	775	1014	2026	255%	82%
5.3.3	Aquaculture Subsidy	1683	159	145	175	91	1653	1345	93%	11%
5.3.4	SC Colonies Subsidy	724	86	91	0	0	815	581	-	-100%
5.3.5	ST Thandas Subsidy	249	18	19	0	0	268	156	-	-100%
5.3.6	Other Subsidy	23	74	75	0	0	98	75	-	-100%
5.3.7	Govt Agencies	9261	815	903	364	246	9800	7952	48%	-55%
5.3.8	Panchayats	3800	284	264	38	29	4026	3460	33%	-87%

5.3.9	WR Dept	4725	119	166	9	7	4882	3991	28%	-92%
5.3.10	ULB	245	312	118	51	20	311	171	155%	-84%
5.3.11	Other Govt Dept	491	100	356	266	190	581	330	40%	166%
5.3.12	Govt serviced debt	0	0	235	173	96	62	0	81%	-
5.3.13	UDAY Receivables	0	0	0	0	0	0	0	-	-
5.3.14	Private Customers Receivables	3565	5195	5332	5137	4533	3760	2953	13%	-1%
5.3.15	Total	17747	7864	8323	8602	5740	17469	15088	50%	9%
5.3.16	Opex Loans	0	0	0	24	3670	24	0	-99%	-
5.3.17	Capex Loans	0	0	0	0	21	0	0	-100%	-

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
6.1.1	PP Cost	9405	7644	7567	8201	32817
6.1.2	State Thermal	3260	3555	3557	3967	14339
6.1.3	State Hydel	157	157	157	157	628
6.1.4	CGS	1419	922	931	939	4210
6.1.5	IPPs Gas	76	70	86	85	317
6.1.6	IPPs Thermal	655	786	835	766	3042
6.1.7	VRE- Wind	1057	1379	541	511	3487
6.1.8	VRE- Solar	822	718	710	878	3128
6.1.9	RE-Others	42	57	79	78	256
6.1.10	Market	1859	0	671	821	3351
6.1.11	Other	59	0	0	0	59
6.1.12	Wind @ interim rate	556	1379	541	511	2987
6.1.13	Solar @ interim rate	289	718	710	878	2595
6.1.14	CTU Cost	228	204	204	204	841
6.1.15	STU Cost	684	741	741	741	2906
6.1.16	Distribution Cost	2104	2592	2592	2592	9881
6.1.17	O&M Cost	1299	1606	1606	1606	6116
6.1.18	HR Cost	1084	1287	1287	1287	4946
6.1.19	A&G Cost	69	99	99	99	365
6.1.20	R&M Cost	146	220	220	220	806
6.1.21	Depreciation	389	382	382	382	1535
6.1.22	ROCE	208	486	486	486	1664
6.1.23	Others	208	119	119	119	565
6.1.24	Cost of Service	12421	11181	11104	11739	46445
6.1.25	Capex Debt service (P+I)	336	236	236	236	1043
6.1.26	Opex Debt service (P+I)	1073	0	0	0	1073

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% Δ ERC
				CY	PY			
6.2.1	PP Cost	2683	3380	3480	1875	-100	86%	30%
6.2.2	State Thermal	1368	1016	1415	1048	-399	35%	3%
6.2.3	State Hydel	52	52	59	59	-7	0%	13%
6.2.4	CGS	293	626	1315	41	-689	3107%	349%
6.2.5	IPPs Gas	29	24	28	41	-4	-32%	-3%
6.2.6	IPPs Thermal	277	202	213	75	-11	184%	-23%
6.2.7	VRE- Wind	302	341	3	56	338	-95%	-99%
6.2.8	VRE- Solar	324	282	0	0	282	-	-100%
6.2.9	RE-Others	23	14	9	0	5	-	-61%
6.2.10	Market	15	822	438	555	384	-21%	2827%
6.2.11	Other	0	0	0	0	0	-	-100%
6.2.12	Wind @ interim rate	302	0	0	0	0	-	-100%
6.2.13	Solar @ interim rate	324	0	0	0	0	-	-100%
6.2.14	CTU Cost	68	75	201	61	-126	230%	195%
6.2.15	STU Cost	247	188	196	115	-8	70%	-21%
6.2.16	Distribution Cost	864	700	532	594	169	-11%	-38%
6.2.17	O&M Cost	535	463	463	454	0	2%	-14%
6.2.18	HR Cost	429	376	376	388	0	-3%	-12%
6.2.19	A&G Cost	33	20	20	26	0	-22%	-38%
6.2.20	R&M Cost	73	67	66	40	0	66%	-9%
6.2.21	Depreciation	127	133	0	99	0	-100%	-100%
6.2.22	ROCE	162	23	0	0	0	-	-100%
6.2.23	Others	40	81	69	41	12	68%	74%
6.2.24	Cost of Service	3862	4342	4409	2645	-66	67%	14%
7.2.2	Capex Debt service (P+I)	79	118	118	115	0	2%	50%

7.2.1	Opex Debt service (P+I)	0	742	688	420	54	64%	0%
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6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	11142	5322	6741	6546	5917	11337	3368	11%	23%
6.3.2	State Thermal	1525	2706	2089	3112	1799	502	762	73%	15%
6.3.3	State Hydel	77	105	105	111	111	71	141	0%	6%
6.3.4	CGS	1357	588	1152	1412	1509	1097	53	-6%	140%
6.3.5	IPPs Gas	63	57	48	48	80	63	29	-40%	-16%
6.3.6	IPPs Thermal	559	558	375	388	156	546	481	149%	-30%
6.3.7	VRE- Wind	5351	498	500	8	786	5843	1398	-99%	-98%
6.3.8	VRE- Solar	2053	677	533	4	228	2582	504	-98%	-99%
6.3.9	RE-Others	73	45	21	19	66	75	0	-71%	-58%
6.3.10	Market	84	88	1859	1444	1182	499	0	22%	1535%
6.3.11	Other	0	0	59	0	0	59	0	-	-100%
6.3.12	Wind @ interim rate	0	498	0	0	730	0	0	-100%	-100%
6.3.13	Solar @ interim rate	7	677	0	1	200	6	0	-100%	-100%
6.3.14	CTU Cost	86	136	160	287	224	-41	0	28%	111%
6.3.15	STU Cost	1995	494	437	295	338	2137	206	-13%	-40%
6.3.16	Distribution Cost	0	1728	1291	971	1148	320	0	-15%	-44%
6.3.17	O&M Cost	0	1070	821	821	907	0	0	-9%	-23%
6.3.18	HR Cost	0	858	680	680	780	0	0	-13%	-21%
6.3.19	A&G Cost	0	66	38	39	47	0	0	-19%	-41%
6.3.20	R&M Cost	0	147	102	102	79	0	0	29%	-30%
6.3.21	Depreciation	0	255	261	0	159	0	0	-100%	-100%
6.3.22	ROCE	0	324	46	0	0	0	0	-	-100%
6.3.23	Others	0	79	163	150	82	12	0	84%	89%
6.3.24	Cost of Service	13223	7681	8628	8099	7627	13752	3574	6%	5%
6.3.25	Capex Debt service (P+I)	0	157	258	258	242	0	0	6%	64%
6.3.26	Opex Debt service (P+I)	0	0	1073	1414	2351	-341	0	-40%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
7.1.1	ERC allowed-Capex Debt	336	236	236	236	1043
7.1.2	ERC disallowable-Opex Debt	1073	0	0	0	1073
7.1.3	Debt Servicing	1409	236	236	236	2116

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	79	118	118	115	0	2%	50%
7.2.2	ERC disallowable-Opex Debt	0	742	688	420	54	64%	0%
7.2.3	Debt Servicing	79	860	806	535	54	51%	926%

7.3 Debt Servicing YTD (Rs Cr)

#	Item	OB – OD	ERC-BE	Due	Paid		CB – OD	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
7.3.1	ERC allowed-Capex Debt	0	157	258	258	242	0	0	6%	64%
7.3.2	ERC disallowable-Opex Debt	0	0	1073	1414	2351	-341	250	-40%	0%
7.3.3	Debt Servicing	0	157	1330	1672	2593	-341	250	-36%	964%

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	5216	5273	-1%	5693	5831	-2%	10909	11104	-2%
7.4.2	PFC	617	681	-9%	5024	5123	-2%	5641	5804	-3%
7.4.3	APPFCL	0	0	-	11598	11667	-1%	11598	11667	-1%
7.4.4	BANKS	1481	1532	-3%	1383	1395	-1%	2864	2927	-2%
7.4.5	IREDA	0	0	-	673	874	-23%	673	874	-23%
7.4.6	ICD	0	0	-	736	784	-6%	736	784	-6%
7.4.7	PTC	0	0	-	94	109	-13%	94	109	-13%
7.4.8	GOAP	9	9	-5%	0	0	-	9	9	-5%
7.4.9	OTHERS	1117	690	62%	5142	4087	26%	6259	4776	31%
7.4.10	Debt Outstanding	8440	8184	3%	30343	29870	2%	38783	38055	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 APERC Retail Supply Tariff Order -2021-22 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 > 75 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
Wind @ interim rate	Power Purchase Cost of Wind at Interim Rate
Solar @ interim rate	Power Purchase Cost of Solar at Interim Rate
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	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.28	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	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		
2.31	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.32	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	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		
2.39	Collection η	$J=(F+G-I)/E * 100$
2.40	Units Realized	$K=D * J / 100$
2.41	Units Unrealized	$L=C-K$
2.42	AT&C Losses	M =Aggregate Technical and Commercial Loss =L/C *100
ARR-ACS GAP		
2.43	GAP	=ARR-ACS

Note:

1. Power Purchase Cost (Rs Cr) is obtained from APPCC

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) = $\frac{\text{Power Purchase Cost(Rs Cr)}*\text{Discom Sales at Specified Voltage(MU)}}{\text{Discom Sales(MU)}}$

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

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

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

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

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