

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators March- 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	4116 (76%)	3845 (74%)	7%	50164 (83%)	43887 (81%)	14%
3.1.9	Agl Consumption	MU	1275 (24%)	1326 (26%)	-4%	9983 (17%)	10547 (19%)	-5%
3.1.19	Discom Sales	MU	5392	5171	4%	60147	54434	10%
1.02	Private Sales	MU	4293 (80%)	3971 (77%)	8%	44787 (74%)	39254 (72%)	14%
1.03	Government Sales	MU	360 (7%)	494 (10%)	-27%	5738 (10%)	4954 (9%)	16%
1.04	Government Subsidy	MU	739 (14%)	707 (14%)	5%	9800 (16%)	10226 (19%)	-4%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	12929	12043	7%	11099	8899	25%
5.2.14	Pvt Sales	Rs Cr	1992	1974	1%	26252	22556	16%
5.2.7	Gov Sales	Rs Cr	717	1431	-50%	4311	3321	30%
5.2.1	Gov Subsidy	Rs Cr	22	30	-26%	7932	4916	61%
1.06	Others	Rs Cr	159	71	124%	1362	658	107%
3.3.19	Discom Collections	Rs Cr	2890	3507	-18%	39856	31452	27%
1.07	Metered Sales	Rs Cr	2709	3428	-21%	31205	26304	19%
3.3.10	Agl Consumption	Rs Cr	25	8	199%	7291	4489	62%
1.08	Revenue from Sale	Rs Cr	3112	3699	-16%	41084	38421	7%
1.09	Adj Revenue from Sale	Rs Cr	2652	2765	-4%	41000	32705	25%
1.10	Closing Debtors	Rs Cr	12908	11100	16%	12908	11100	16%
1.11	Adj Closing Debtors	Rs Cr	12908	11100	16%	12908	11100	16%
KPIs								
3.5.19	ARR	Rs/kWh	5.07	6.64	-24%	6.40	5.66	13%
3.6.19	AMC	kWh/bill/Mth	282	292	-4%	245	229	7%
3.7.19	ACPB	Rs/bill/Mth	1429	1943	-26%	1566	1296	21%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.19	Discom Sales	MU	5392 (78%)	5171 (71%)	4%	60147 (88%)	54434 (90%)	10%
2.01	Discom Losses	MU	638 (9%)	580 (8%)	10%	4965 (7%)	4398 (7%)	13%
2.02	Discom Input	MU	6029 (88%)	5751 (79%)	5%	65112 (95%)	58832 (98%)	11%
2.03	Transmission Loss	MU	187 (3%)	189 (3%)	-1%	1875 (3%)	1590 (3%)	18%
4.1.11	Discom Purchases	MU	6869	7279	-6%	68535	60199	14%
4.2.11	Power Purchase Cost	Rs. Cr	3583 (77%)	3860 (82%)	-7%	30190 (71%)	26152 (69%)	15%
Contracted Network Capacity (MW)								
2.04	STU	MW	12843	11909	8%	12843	11909	8%
2.05	CTU	MW	1682	1649	2%	1850	2228	-17%
2.06	Distribution	MW	11334	10365	9%	11334	10365	9%
Capacity Charges								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.6	-0.5	-420%	1.5	1.2	30%
2.08	CTU Charges	Rs. Lacs/MW/Mth	4.5	7.4	-39%	3.6	3.7	-5%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.6	7.5	-12%	6.4	6.9	-6%
Network Cost (Rs. Cr)								
2.10	STU Cost	Rs Cr	203 (4%)	-56 (-1%)	-462%	2355 (6%)	1684 (4%)	40%
2.11	CTU Cost	Rs Cr	75 (2%)	121 (3%)	-38%	789 (2%)	1000 (3%)	-21%
2.12	Distribution Network Cost	Rs Cr	743 (16%)	773 (16%)	-4%	8738 (21%)	8527 (23%)	2%
2.13	O&M Cost	Rs Cr	434	427	2%	5487	5698	-4%
2.14	HR Cost	Rs Cr	331	334	-1%	4657	4838	-4%
2.15	A&G Cost	Rs Cr	16	14	11%	197	252	-22%
2.16	R & M Cost	Rs Cr	86	79	10%	634	608	4%
2.17	Depreciation	Rs Cr	129	129	0%	1410	1341	5%
2.18	ROCE	Rs Cr	134	108	24%	1423	923	54%
2.19	Others	Rs Cr	46	109	-58%	418	566	-26%
2.20	Network Cost	Rs Cr	1021 (22%)	838 (18%)	22%	11882 (28%)	11211 (30%)	6%
Retail Supply Cost (Rs. Cr)								
2.21	B&C Cost and Supply Margin	Rs Cr	15	16	-4%	198	210	-6%
2.22	Interest on Security Deposits	Rs Cr	12	12	-3%	212	204	4%
2.23	Retail Supply Cost	Rs Cr	27 (1%)	28 (1%)	-3%	410 (1%)	414 (1%)	-1%
Cost of Service (Rs. Cr)								
2.24	Cost of Service	Rs Cr	4631	4726	-2%	42482	37777	12%
7.2.2	ERC Disallowed Debt	Rs Cr	483	282	72%	10740	0	-
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.22	5.30	-2%	4.41	4.34	1%
2.25	STU Cost per Unit	Rs/kWh	0.30	-0.08	-484%	0.34	0.28	23%
2.26	CTU Cost per Unit	Rs/kWh	0.11	0.17	-34%	0.12	0.17	-31%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	4.13	5.67	-27%	3.96	4.30	-8%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.08	1.06	2%	1.28	1.42	-10%
2.28	Network Cost per Unit	Rs/kWh	1.49	1.31	13%	1.73	1.86	-7%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.04	0.04	3%	0.06	0.07	-13%
2.30	Cost of Service per Unit	Rs/kWh	6.74	6.49	4%	6.20	6.28	-1%
KPIs on Sales basis								
2.31	Energy Cost on Sales Basis	Rs/kWh	6.65	7.46	-11%	5.02	4.80	4%

2.32	STU Cost per Unit	Rs/kWh	0.38	0.12	214%		0.39	0.31	27%
2.33	CTU Cost per Unit	Rs/kWh	0.14	0.23	-40%		0.13	0.18	-29%
2.34	Distribution Network Cost per Unit	Rs/kWh	1.38	1.50	-8%		1.45	1.57	-7%
2.35	Network Cost per Unit	Rs/kWh	1.89	1.62	17%		1.98	2.06	-4%
2.36	Retail Supply Cost per Unit	Rs/kWh	0.05	0.05	-7%		0.07	0.08	-10%
2.37	ACS	Rs/kWh	8.59	9.14	-6%		7.06	6.94	2%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	0.90	0.54	64%		1.79	0.00	-
AT&C Losses									
2.39	Collection η	%	86%	100%	-14%		95%	79%	20%
2.40	Units Realized	MU	5105	5861	-13%		57491	43378	33%
2.41	Units Unrealized	MU	1513	611	147%		7687	15727	-51%
2.42	AT&C Losses	%	23%	9%	142%		12%	27%	-56%
ACS-ARR GAP									
2.43	GAP	Rs/kWh	-3.52	-2.49	41%		-0.66	-1.28	-48%

3. Sales by Categories

3.1 Energy Sales by Category (MU)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	352 (7%)	299 (6%)	18%	3752 (6%)	3538 (6%)	6%
3.1.2	LT-1B	589 (11%)	551 (11%)	7%	9224 (15%)	8710 (16%)	6%
3.1.3	LT-1C	175 (3%)	236 (5%)	-26%	4225 (7%)	4241 (8%)	0%
3.1.4	LT-1	1116 (21%)	1086 (21%)	3%	17201 (29%)	16488 (30%)	4%
3.1.5	LT-2	234 (4%)	216 (4%)	8%	2963 (5%)	2478 (5%)	20%
3.1.6	LT-3	134 (2%)	130 (3%)	3%	1546 (3%)	1361 (3%)	14%
3.1.7	LT-4	114 (2%)	108 (2%)	5%	1402 (2%)	1277 (2%)	10%
3.1.8	LT-5	1636 (30%)	1642 (32%)	0%	14020 (23%)	13964 (26%)	0%
3.1.9	LT-5 A (ii)	1275 (24%)	1326 (26%)	-4%	9983 (17%)	10547 (19%)	-5%
3.1.10	LT-5 excluding A(ii)	360 (7%)	316 (6%)	14%	4037 (7%)	3417 (6%)	18%
3.1.11	LT	3234 (60%)	3182 (62%)	2%	37134 (62%)	35568 (65%)	4%
3.1.12	HT-1	4 (0%)	5 (0%)	-12%	62 (0%)	62 (0%)	0%
3.1.13	HT-2	131 (2%)	118 (2%)	11%	1507 (3%)	1200 (2%)	26%
3.1.14	HT-3	1700 (32%)	1394 (27%)	22%	17513 (29%)	13302 (24%)	32%
3.1.15	HT-4	204 (4%)	171 (3%)	19%	2292 (4%)	1515 (3%)	51%
3.1.16	HT-5	69 (1%)	213 (4%)	-67%	1187 (2%)	1983 (4%)	-40%
3.1.17	Rescos	49 (1%)	88 (2%)	-45%	452 (1%)	804 (1%)	-44%
3.1.18	HT	2158 (40%)	1989 (38%)	8%	23013 (38%)	18866 (35%)	22%
3.1.19	Discom Sales	5392	5171	4%	60147	54434	10%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3234	3182	2%	37106	35569	4%
3.2.2	11KV	496	508	-2%	5584	5086	10%
3.2.3	33KV	575	521	10%	6402	5093	26%
3.2.4	EHT	1087	960	13%	11054	8686	27%
3.1.19	Discom Sales	5392	5171	4%	60146	54434	10%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	97 (4%)	135 (4%)	-28%	1136 (3%)	1119 (4%)	2%
3.3.2	LT-1B	195 (7%)	223 (6%)	-12%	3281 (9%)	2972 (10%)	10%
3.3.3	LT-1C	92 (3%)	107 (3%)	-14%	2493 (6%)	2348 (8%)	6%
3.3.4	LT-1	384 (14%)	465 (14%)	-17%	6909 (18%)	6439 (21%)	7%
3.3.5	LT-2	271 (10%)	255 (7%)	6%	3248 (8%)	2746 (9%)	18%
3.3.6	LT-3	122 (4%)	129 (4%)	-5%	1289 (3%)	1147 (4%)	12%
3.3.7	LT-4	92 (3%)	1145 (33%)	-92%	1870 (5%)	1881 (6%)	-1%
3.3.8	LT-5	102 (4%)	114 (3%)	-11%	8691 (23%)	5982 (19%)	45%
3.3.9	LT-5 A (ii)	25 (1%)	8 (0%)	199%	7291 (19%)	4489 (15%)	62%
3.3.10	LT-5 excluding A(ii)	77 (3%)	106 (3%)	-27%	1400 (4%)	1493 (5%)	-6%
3.3.11	LT	972 (36%)	2109 (61%)	-54%	22007 (57%)	18195 (59%)	21%
3.3.12	HT-1	4 (0%)	3 (0%)	24%	49 (0%)	44 (0%)	12%
3.3.13	HT-2	141 (5%)	123 (4%)	15%	1706 (4%)	1391 (5%)	23%
3.3.14	HT-3	1025 (37%)	906 (26%)	13%	12267 (32%)	9613 (31%)	28%
3.3.15	HT-4	170 (6%)	123 (4%)	38%	1693 (4%)	1093 (4%)	55%
3.3.16	HT-5	421 (15%)	166 (5%)	154%	741 (2%)	404 (1%)	83%
3.3.17	Rescos	2 (0%)	6 (0%)	-64%	32 (0%)	53 (0%)	-39%
3.3.18	HT	1762 (64%)	1327 (39%)	33%	16489 (43%)	12598 (41%)	31%
3.3.19	Discom Collections	2734	3436	-20%	38496	30793	25%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	82,59,092(43%)	66,89,905(38%)	23%	82,98,238(41%)	72,08,516(36%)	15%
3.4.2	LT-1B	58,43,988(31%)	59,53,747(34%)	-2%	65,58,282(32%)	63,60,922(32%)	3%
3.4.3	LT-1C	10,41,511(5%)	14,33,079(8%)	-27%	16,12,336(8%)	25,72,564(13%)	-37%
3.4.4	LT-1	1,51,44,591(79%)	1,40,76,731(80%)	8%	1,64,68,856(80%)	1,61,42,002(82%)	2%
3.4.5	LT-2	16,59,301(9%)	14,75,976(8%)	12%	16,59,301(8%)	14,98,836(8%)	11%
3.4.6	LT-3	97,682(1%)	79,029(0%)	24%	97,682(0%)	92,237(0%)	6%
3.4.7	LT-4	3,54,170(2%)	3,26,276(2%)	9%	3,54,170(2%)	3,26,276(2%)	9%
3.4.8	LT-5	18,69,529(10%)	17,16,208(10%)	9%	18,88,972(9%)	17,28,802(9%)	9%
3.4.9	LT-5 A (ii)	17,93,031(9%)	16,39,641(9%)	9%	17,93,031(9%)	16,39,641(8%)	9%
3.4.10	LT-5 excluding A(ii)	76,498(0%)	76,567(0%)	0%	95,941(0%)	89,161(0%)	8%
3.4.11	LT	1,91,25,273(100%)	1,76,74,220(100%)	8%	2,04,68,981(100%)	1,97,88,153(100%)	3%
3.4.12	HT-1	113(0%)	108(0%)	5%	113(0%)	108(0%)	5%
3.4.13	HT-2	4,547(0%)	4,211(0%)	8%	4,547(0%)	4,211(0%)	8%
3.4.14	HT-3	6,346(0%)	6,000(0%)	6%	6,346(0%)	6,000(0%)	6%
3.4.15	HT-4	720(0%)	610(0%)	18%	720(0%)	610(0%)	18%
3.4.16	HT-5	718(0%)	791(0%)	-9%	718(0%)	945(0%)	-24%
3.4.17	Rescos	1(0%)	81(0%)	-99%	82(0%)	81(0%)	1%
3.4.18	HT	12,445(0%)	11,801(0%)	5%	12,526(0%)	11,955(0%)	5%
3.4.19	Discom Bills	1,91,37,718	1,76,86,021	8%	2,04,81,507	1,98,00,108	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	2.74	4.52	-39%	3.03	3.16	-4%
3.5.2	LT-1B	3.31	4.04	-18%	3.56	3.41	4%
3.5.3	LT-1C	5.28	4.54	16%	5.90	5.54	7%
3.5.4	LT-1	3.44	4.28	-20%	4.02	3.91	3%
3.5.5	LT-2	11.61	11.81	-2%	10.96	11.08	-1%
3.5.6	LT-3	9.14	9.97	-8%	8.33	8.43	-1%
3.5.7	LT-4	8.11	105.83	-92%	13.33	14.73	-9%
3.5.8	LT-5	0.62	0.70	-11%	6.20	4.28	45%
3.5.9	LT-5 A (ii)	0.19	0.06	211%	7.30	4.26	72%
3.5.10	LT-5 excluding A(ii)	2.14	3.36	-36%	3.47	4.37	-21%
3.5.11	LT	3.01	6.63	-55%	5.93	5.12	16%
3.5.12	HT-1	8.27	5.90	40%	8.01	7.17	12%
3.5.13	HT-2	10.75	10.45	3%	11.32	11.59	-2%
3.5.14	HT-3	6.03	6.50	-7%	7.00	7.23	-3%
3.5.15	HT-4	8.32	7.18	16%	7.39	7.22	2%
3.5.16	HT-5	60.71	7.80	678%	6.24	2.04	206%
3.5.17	Rescos	0.41	0.63	-35%	0.71	0.66	8%
3.5.18	HT	8.17	6.67	22%	7.16	6.68	7%
3.5.19	ARR	5.07	6.64	-24%	6.40	5.66	13%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	43	45	-5%	38	41	-8%
3.6.2	LT-1B	101	92	9%	117	114	3%
3.6.3	LT-1C	168	165	2%	218	137	59%
3.6.4	LT-1	74	77	-4%	87	85	2%
3.6.5	LT-2	141	146	-4%	149	138	8%

3.6.6	LT-3	1371	1642	-16%	1319	1230	7%
3.6.7	LT-4	322	332	-3%	330	326	1%
3.6.8	LT-5	875	957	-9%	619	673	-8%
3.6.9	LT-5 A (ii)	711	809	-12%	464	536	-13%
3.6.10	LT-5 excluding A(ii)	4712	4127	14%	3507	3194	10%
3.6.11	LT	169	180	-6%	151	150	1%
3.6.12	HT-1	38407	45485	-16%	45527	47596	-4%
3.6.13	HT-2	28903	28001	3%	27622	23752	16%
3.6.14	HT-3	267862	232403	15%	229976	184750	24%
3.6.15	HT-4	283083	280437	1%	265274	206990	28%
3.6.16	HT-5	96588	268677	-64%	137740	174843	-21%
3.6.17	Rescos	49000000	1092151	4387%	459804	827196	-44%
3.6.18	HT	173385	168570	3%	153103	131506	16%
3.6.19	AMC	282	292	-4%	245	229	7%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	87	237	-63%	107	114	-6%
3.7.2	LT-1B	338	484	-30%	436	400	9%
3.7.3	LT-1C	1081	899	20%	1417	757	87%
3.7.4	LT-1	235	392	-40%	408	390	5%
3.7.5	LT-2	1637	1639	0%	1660	1466	13%
3.7.6	LT-3	12553	13589	-8%	10736	9798	10%
3.7.7	LT-4	1278	6683	-81%	4319	1978	118%
3.7.8	LT-5	616	6890	-91%	3895	2900	34%
3.7.9	LT-5 A (ii)	284	6538	-96%	3500	2283	53%
3.7.10	LT-5 excluding A(ii)	5698	13248	-57%	10574	13734	-23%
3.7.11	LT	465	1231	-62%	983	802	23%
3.7.12	HT-1	253097	290566	-13%	375750	360402	4%
3.7.13	HT-2	312637	305405	2%	320279	273565	17%
3.7.14	HT-3	1604963	1540988	4%	1606127	1316724	22%
3.7.15	HT-4	1968802	1964909	0%	1874131	1407624	33%
3.7.16	HT-5	36835	284024	-87%	190585	229283	-17%
3.7.17	Rescos	10100000	396296	2449%	345261	531453	-35%
3.7.18	HT	1054282	1010958	4%	1058310	852254	24%
3.7.19	ACPB	1181	1909	-38%	1679	1359	23%

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	2410 (35%)	2975 (41%)	-19%	2964 (48%)	-19%	22023 (32%)	16431 (27%)	34%	31156 (46%)	-29%
4.1.2	State Hydel	243 (4%)	357 (5%)	-32%	309 (5%)	-21%	3679 (5%)	3811 (6%)	-3%	3213 (5%)	15%
4.1.3	CGS	1249 (18%)	1237 (17%)	1%	1206 (20%)	4%	12877 (19%)	12453 (21%)	3%	13505 (20%)	-5%
4.1.4	Gas	47 (1%)	132 (2%)	-64%	97 (2%)	-51%	1056 (2%)	2126 (4%)	-50%	1019 (2%)	4%
4.1.5	IPPs	220 (3%)	295 (4%)	-25%	137 (2%)	61%	1845 (3%)	3626 (6%)	-49%	1605 (2%)	15%
4.1.6	VRE-Wind	310 (5%)	410 (6%)	-24%	443 (7%)	-30%	8044 (12%)	6122 (10%)	31%	7551 (11%)	7%
4.1.7	VRE-Solar	747 (11%)	696 (10%)	7%	843 (14%)	-11%	7262 (11%)	6349 (11%)	14%	7910 (12%)	-8%
4.1.8	RE-Others	29 (0%)	38 (1%)	-25%	48 (1%)	-40%	261 (0%)	347 (1%)	-25%	481 (1%)	-46%
4.1.9	Markets	1557 (23%)	1139 (16%)	37%	103 (2%)	1405%	11216 (16%)	8938 (15%)	25%	1317 (2%)	752%
4.1.10	Others	58 (1%)	0 (0%)	-	0 (0%)	-	273 (0%)	-4 (0%)	-	0 (0%)	-
4.1.11	Discom Purchases	6869	7279	-6%	6152	12%	68535	60199	14%	67756	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	1115 (31%)	1953 (51%)	-43%	1360 (58%)	-18%	10683 (35%)	9020 (34%)	18%	14742 (56%)	-28%
4.2.2	State Hydel	51 (1%)	-30 (-1%)	-271%	51 (2%)	0%	614 (2%)	521 (2%)	18%	614 (2%)	0%
4.2.3	CGS	516 (14%)	702 (18%)	-27%	481 (20%)	7%	5093 (17%)	5353 (20%)	-5%	5459 (21%)	-7%
4.2.4	Gas	16 (0%)	31 (1%)	-47%	23 (1%)	-29%	280 (1%)	566 (2%)	-51%	244 (1%)	15%
4.2.5	IPPs	84 (2%)	169 (4%)	-50%	55 (2%)	52%	712 (2%)	1517 (6%)	-53%	653 (2%)	9%
4.2.6	VRE-Wind	146 (4%)	190 (5%)	-24%	108 (5%)	35%	3377 (11%)	2884 (11%)	17%	1835 (7%)	84%
4.2.7	VRE-Solar	320 (9%)	300 (8%)	7%	210 (9%)	52%	2960 (10%)	2848 (11%)	4%	1983 (8%)	49%
4.2.8	RE-Others	16 (0%)	26 (1%)	-39%	25 (1%)	-36%	122 (0%)	166 (1%)	-26%	247 (1%)	-51%
4.2.9	Markets	1261 (35%)	512 (13%)	146%	38 (2%)	3176%	6126 (20%)	3228 (12%)	90%	490 (2%)	1150%
4.2.10	Others	60 (2%)	8 (0%)	696%	0 (0%)	-	223 (1%)	50 (0%)	347%	0 (0%)	-
4.2.11	Power Purchase Cost	3583	3860	-7%	2351	52%	30190	26152	15%	26268	15%

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	978	-70%	352	-16%	3284	3725	-12%	4222	-22%
4.3.2	State Hydel	51	-30	-271%	51	0%	614	521	18%	614	0%
4.3.3	CGS	124	129	-4%	125	-1%	1455	1421	2%	1502	-3%
4.3.4	Gas	2	2	8%	2	16%	21	39	-46%	20	5%
4.3.5	IPPs	24	59	-60%	23	1%	287	437	-34%	279	3%
4.3.6	Fixed Cost	495	1138	-57%	553	-11%	5661	6143	-8%	6638	-15%

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	820	975	-16%	1008	-19%	7399	5295	40%	10520	-30%
4.4.2	CGS	392	573	-32%	356	10%	3637	3932	-7%	3957	-8%
4.4.3	Gas	14	29	-51%	21	-33%	259	527	-51%	224	15%
4.4.4	IPPs	60	110	-45%	32	89%	425	1079	-61%	374	14%
4.4.5	VRE-Wind	146	190	-24%	108	35%	3377	2884	17%	1835	84%
4.4.6	VRE-Solar	320	300	7%	210	52%	2960	2848	4%	1983	49%
4.4.7	RE-Others	15	26	-40%	25	-38%	121	166	-27%	247	-51%
4.4.8	Markets	1261	512	146%	38	3176%	6126	3228	90%	490	1150%
4.4.9	Variable Cost	3028	2715	12%	1798	68%	24303	19958	22%	19630	24%

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	4.63	6.57	-30%	4.59	1%	4.85	5.49	-12%	4.73	3%
4.5.2	State Hydrel	2.11	-0.84	-351%	1.66	27%	1.67	1.37	22%	1.91	-13%
4.5.3	CGS	4.13	5.67	-27%	3.99	4%	3.96	4.30	-8%	4.04	-2%
4.5.4	Gas	3.46	2.34	48%	2.37	46%	2.65	2.66	0%	2.40	11%
4.5.5	IPPs	3.81	5.74	-34%	4.03	-5%	3.86	4.18	-8%	4.07	-5%
4.5.6	VRE-Wind	4.70	4.65	1%	2.43	93%	4.20	4.71	-11%	2.43	73%
4.5.7	VRE-Solar	4.29	4.31	0%	2.49	72%	4.08	4.49	-9%	2.51	63%
4.5.8	RE-Others	5.48	6.69	-18%	5.14	7%	4.69	4.78	-2%	5.14	-9%
4.5.9	Markets	8.10	4.49	80%	3.72	118%	5.46	3.61	51%	3.72	47%
4.5.10	Others	10.27	0.00	-	0.00	-	8.19	-123.62	-107%	0.00	-
4.5.11	Weighted Average	5.22	5.30	-2%	3.82	37%	4.41	4.34	1%	3.88	14%

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	1.22	3.29	-63%	1.19	3%	1.49	2.27	-34%	1.36	10%
4.6.2	State Hydrel	2.11	-0.84	-351%	1.66	27%	1.67	1.37	22%	1.91	-13%
4.6.3	CGS	0.99	1.05	-5%	1.04	-4%	1.13	1.14	-1%	1.11	2%
4.6.4	Gas	0.41	0.14	202%	0.17	139%	0.20	0.18	9%	0.20	1%
4.6.5	IPPs	1.07	2.01	-47%	1.70	-37%	1.55	1.21	29%	1.74	-11%
4.6.6	Average FC	0.81	1.57	-49%	0.90	-10%	0.86	1.03	-17%	0.98	-12%

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	3.40	3.28	4%	3.40	0%	3.36	3.22	4%	3.38	-1%
4.7.2	CGS	3.14	4.63	-32%	2.95	6%	2.82	3.16	-11%	2.93	-4%
4.7.3	Gas	3.05	2.21	38%	2.20	38%	2.45	2.48	-1%	2.20	11%
4.7.4	IPPs	2.74	3.73	-27%	2.33	18%	2.30	2.98	-23%	2.33	-1%
4.7.5	VRE-Wind	4.70	4.65	1%	2.43	93%	4.20	4.71	-11%	2.43	73%
4.7.6	VRE-Solar	4.29	4.31	0%	2.49	72%	4.08	4.49	-9%	2.51	63%
4.7.7	RE-Others	5.48	6.69	-18%	5.14	7%	4.69	4.78	-2%	5.14	-9%
4.7.8	Markets	8.10	4.49	80%	3.72	118%	5.46	3.61	51%	3.72	47%
4.7.9	Average VC	4.41	3.73	18%	2.92	51%	3.55	3.32	7%	2.90	22%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2149	2375	-10%	18625	17088	9%
4.8.2	11KV	330	379	-13%	2803	2444	15%
4.8.3	33KV	382	389	-2%	3213	2447	31%
4.8.4	EHT	722	717	1%	5549	4173	33%
4.2.11	Power Purchase Cost	3583	3860	-7%	30190	26152	15%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	613	516	19%	7330	7326	0%
4.9.2	11KV	94	82	14%	1103	1048	5%
4.9.3	33KV	109	85	29%	1265	1049	21%
4.9.4	EHT	206	156	32%	2184	1789	22%
2.20	Network Cost	1021	838	22%	11882	11211	6%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	16	17	-6%	253	271	-7%
4.10.2	11KV	2	3	-9%	38	39	-2%
4.10.3	33KV	3	3	2%	44	39	13%
4.10.4	EHT	5	5	5%	75	66	14%
2.23	Retail Supply Cost	27	28	-3%	410	414	-1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2778	2908	-4%	26208	24685	6%
4.11.2	11KV	426	464	-8%	3944	3530	12%
4.11.3	33KV	494	476	4%	4522	3535	28%
4.11.4	EHT	933	878	6%	7808	6028	30%
2.24	Cost of Service	4631	4726	-2%	42482	37777	12%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	285	191	49%	1439	1268	14%
4.12.2	11KV	221	230	-4%	1529	1460	5%
4.12.3	33KV	132	159	-17%	1996	1670	20%
4.12.4	EHT	187	189	-1%	1875	1590	18%
4.12.5	Loss	825	769	7%	6840	5988	14%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2930	3037	-4%	27018	25321	7%
4.13.2	11KV	413	457	-10%	3914	3496	12%
4.13.3	33KV	454	443	2%	4337	3383	28%
4.13.4	EHT	835	789	6%	7212	5577	29%
2.24	Cost of Service	4631	4726	-2%	42482	37777	12%

4.14 Average Cost of Service by Voltage Level (Rs Cr)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	9.1	9.5	-5%	7.3	7.1	2%
4.14.2	11KV	8.3	9.0	-8%	7.0	6.9	2%
4.14.3	33KV	7.9	8.5	-7%	6.8	6.6	2%
4.14.4	EHT	7.7	8.2	-7%	6.5	6.4	2%
2.37	ACS	8.6	9.1	-6%	7.1	6.9	2%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2232	2229	2199	2193	8853
5.1.2	Agriculture Subsidy	1824	1824	1825	1826	7299
5.1.3	Aquaculture Subsidy	255	237	229	238	959
5.1.4	SC Colonies Subsidy	125	138	118	103	484
5.1.5	ST Thandas Subsidy	25	28	26	23	103
5.1.6	Other Subsidy	2	2	2	3	8
5.1.7	Govt Agencies	1012	1251	1530	1379	5173
5.1.8	Panchayats	330	340	407	314	1391
5.1.9	WR Dept	324	360	540	400	1624
5.1.10	ULB	130	163	172	180	645
5.1.11	Other Govt Dept	229	388	410	486	1513
5.1.12	Govt serviced debt	465	517	587	580	2149
5.1.13	UDAY Receivables	0	32	0	0	32
5.1.14	Private Customers Receivables	7153	6987	6576	6103	26819
5.1.15	Total	10863	11015	10892	10256	43026
5.1.16	Opex Loans	4819	1246	1167	0	7232
5.1.17	Capex Loans	170	69	60	0	299

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% Δ ERC
				CY	PY			
5.2.1	Subsidy	733	737	22	30	714	-26%	-97%
5.2.2	Agriculture Subsidy	608	609	21	0	588	-	-97%
5.2.3	Aquaculture Subsidy	69	84	0	0	84	-	-100%
5.2.4	SC Colonies Subsidy	44	35	0	16	35	-100%	-100%
5.2.5	ST Thandas Subsidy	9	8	2	14	6	-89%	-82%
5.2.6	Other Subsidy	3	1	0	0	1	-	-100%
5.2.7	Govt Agencies	385	439	717	1431	-278	-50%	86%
5.2.8	Panchayats	108	115	20	1103	95	-98%	-81%
5.2.9	WR Dept	113	105	431	151	-326	186%	283%
5.2.10	ULB	42	53	116	73	-63	59%	174%
5.2.11	Other Govt Dept	122	166	149	105	16	42%	23%
5.2.12	Govt serviced debt	0	347	159	71	188	124%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2182	2056	1992	1974	64	1%	-9%
5.2.15	Total	3299	3578	2890	3507	689	-18%	-12%
5.2.16	Opex Loans	0	0	744	0	744	-	-
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	14034	8825	8853	7932	4916	14956	7220	61%	-10%
5.3.2	Agriculture Subsidy	12127	7297	7299	7226	4422	12199	5982	63%	-1%
5.3.3	Aquaculture Subsidy	1176	909	959	460	332	1676	783	38%	-49%
5.3.4	SC Colonies Subsidy	552	505	484	236	148	800	376	60%	-53%
5.3.5	ST Thandas Subsidy	167	95	103	10	14	261	63	-31%	-90%
5.3.6	Other Subsidy	12	19	8	0	0	21	17	-	-100%
5.3.7	Govt Agencies	8109	4418	5173	4311	3321	8971	10157	30%	-2%
5.3.8	Panchayats	3710	1244	1391	1362	1499	3739	2652	-9%	10%
5.3.9	WR Dept	3728	1196	1624	721	198	4631	2493	265%	-40%

5.3.10	ULB	441	496	645	847	541	239	237	57%	71%
5.3.11	Other Govt Dept	229	1482	1513	1380	1084	362	4775	27%	-7%
5.3.12	Govt serviced debt	220	0	2149	1362	658	1007	203	107%	-
5.3.13	UDAY Receivables	3475	0	32	0	0	3507	0	-	-
5.3.14	Private Customers Receivables	3059	26737	26819	26252	22556	3626	2224	16%	-2%
5.3.15	Total	28897	39980	43026	39856	31452	32067	19804	27%	0%
5.3.16	Opex Loans	0	0	7232	9549	3678	2316	0	160%	-
5.3.17	Capex Loans	0	0	299	562	238	263	0	136%	-

6. Payables

6.1 Expenditure for FY22 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	7289	7379	7404	8117	30190
6.1.2	State Thermal	2329	2626	2587	3141	10683
6.1.3	State Hydel	154	154	154	154	614
6.1.4	CGS	1138	1212	1246	1497	5093
6.1.5	IPPs Gas	94	89	52	45	280
6.1.6	IPPs Thermal	176	175	163	198	712
6.1.7	VRE- Wind	941	1381	780	275	3377
6.1.8	VRE- Solar	846	675	652	786	2960
6.1.9	RE-Others	33	22	30	37	122
6.1.10	Market	1529	1005	1715	1877	6126
6.1.11	Other	49	41	26	107	223
6.1.12	Wind @ interim rate	486	708	307	129	1630
6.1.13	Solar @ interim rate	479	382	164	105	1129
6.1.14	CTU Cost	175	238	186	190	789
6.1.15	STU Cost	614	609	567	565	2355
6.1.16	Distribution Cost	2178	2180	2545	2245	9148
6.1.17	O&M Cost	1346	1279	1624	1238	5487
6.1.18	HR Cost	1123	1115	1408	1010	4657
6.1.19	A&G Cost	56	42	58	42	197
6.1.20	R&M Cost	167	122	159	186	634
6.1.21	Depreciation	332	337	351	390	1410
6.1.22	ROCE	333	341	354	395	1423
6.1.23	Others	168	222	216	223	828
6.1.24	Cost of Service	10257	10406	10702	###	42482
6.1.25	Capex Debt service (P+I)	357	351	384	389	1481
6.1.26	Opex Debt service (P+I)	2222	2699	3665	1814	10400

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2301	3583	1731	1592	1852	9%	-25%
6.2.2	State Thermal	1279	1115	339	420	776	-19%	-73%
6.2.3	State Hydel	51	51	33	33	18	0%	-36%
6.2.4	CGS	478	516	565	295	-49	92%	18%
6.2.5	IPPs Gas	23	16	8	17	8	-53%	-65%
6.2.6	IPPs Thermal	55	84	57	36	27	58%	3%
6.2.7	VRE- Wind	108	146	1	394	145	-100%	-99%
6.2.8	VRE- Solar	209	320	1	35	319	-97%	-100%
6.2.9	RE-Others	22	16	0	12	16	-100%	-100%
6.2.10	Market	75	1261	727	350	534	108%	865%
6.2.11	Other	0	60	0	0	60	-	0%
6.2.12	Wind @ interim rate	108	0	1	0	-1	-	-99%
6.2.13	Solar @ interim rate	209	3	1	0	2	-	-100%
6.2.14	CTU Cost	109	75	83	48	-8	73%	-24%
6.2.15	STU Cost	183	203	62	68	141	-9%	-66%
6.2.16	Distribution Cost	762	770	362	306	408	18%	-52%
6.2.17	O&M Cost	495	434	317	268	117	18%	-36%
6.2.18	HR Cost	406	331	237	195	94	22%	-42%
6.2.19	A&G Cost	29	16	16	19	0	-13%	-43%
6.2.20	R&M Cost	60	86	64	55	23	16%	5%
6.2.21	Depreciation	109	129	0	0	0	-	-100%

6.2.22	ROCE	130	134	0	0	0	-	-100%
6.2.23	Others	28	73	45	38	27	20%	61%
6.2.24	Cost of Service	3355	4632	2238	2014	2394	11%	-33%
7.2.2	Capex Debt service (P+I)	144	131	131	121	0	8%	-9%
7.2.1	Opex Debt service (P+I)	0	461	483	282	-22	72%	0%

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	13327	26193	30190	32509	26395	11008	2648	23%	24%
6.3.2	State Thermal	4748	14642	10683	14257	10599	1175	460	35%	-3%
6.3.3	State Hydel	130	614	614	629	627	115	83	0%	2%
6.3.4	CGS	2137	5462	5093	7807	8097	-577	37	-4%	43%
6.3.5	IPPs Gas	93	246	280	319	674	54	18	-53%	30%
6.3.6	IPPs Thermal	661	653	712	839	1554	534	118	-46%	28%
6.3.7	VRE- Wind	3847	1835	3377	1414	974	5810	1419	45%	-23%
6.3.8	VRE- Solar	1640	1981	2960	722	324	3878	513	122%	-64%
6.3.9	RE-Others	99	219	122	234	139	-13	0	68%	7%
6.3.10	Market	-29	539	6126	5121	3111	976	0	65%	849%
6.3.11	Other	0	0	223	1167	295	-944	0	296%	-
6.3.12	Wind @ interim rate	251	1835	1630	776	532	1106	0	46%	-58%
6.3.13	Solar @ interim rate	108	1980	1129	629	231	609	0	172%	-68%
6.3.14	CTU Cost	127	1405	789	1060	964	-144	0	10%	-25%
6.3.15	STU Cost	1642	2336	2355	1868	1299	2129	137	44%	-20%
6.3.16	Distribution Cost	0	9267	9148	6312	5999	2837	0	5%	-32%
6.3.17	O&M Cost	0	5863	5487	5423	5313	64	0	2%	-7%
6.3.18	HR Cost	0	4783	4657	4563	4437	94	0	3%	-5%
6.3.19	A&G Cost	0	345	197	250	290	-53	0	-14%	-28%
6.3.20	R&M Cost	0	734	634	611	587	23	0	4%	-17%
6.3.21	Depreciation	0	1322	1410	0	80	0	0	-100%	-100%
6.3.22	ROCE	0	1583	1423	0	47	0	0	-100%	-100%
6.3.23	Others	0	499	828	889	559	-60	0	59%	78%
6.3.24	Cost of Service	15096	39200	42482	41748	34658	15830	2785	20%	6%
6.3.25	Capex Debt service (P+I)	0	1723	1481	1481	777	0	0	91%	-14%
6.3.26	Opex Debt service (P+I)	1000	0	10400	10740	6003	661	0	79%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	357	351	384	389	1481
7.1.2	ERC disallowable-Opex Debt	2222	2699	3665	1814	10400
7.1.3	Debt Servicing	2579	3050	4049	2204	11882

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	144	131	131	121	0	8%	-9%
7.2.2	ERC disallowable-Opex Debt	0	461	483	282	-22	72%	0%
7.2.3	Debt Servicing	144	591	614	402	-22	53%	327%

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	1723	1481	1481	777	0	0	91%	-14%
7.3.2	ERC disallowable-Opex Debt	1000	0	10400	10740	6003	-339	85	79%	0%
7.3.3	Debt Servicing	1000	1723	11882	12221	6780	-339	85	80%	609%

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	5273	5092	4%	5831	3903	49%	11104	8995	23%
7.4.2	PFC	681	480	42%	5123	4665	10%	5804	5144	13%
7.4.3	APPFCL	0	0	-	11667	9295	26%	11667	9295	26%
7.4.4	BANKS	1532	1720	-11%	1395	1218	15%	2927	2938	0%
7.4.5	IREDA	0	0	-	874	1388	-37%	874	1388	-37%
7.4.6	ICD	0	0	-	784	663	18%	784	663	18%
7.4.7	PTC	0	0	-	109	164	-34%	109	164	-34%
7.4.8	GOAP	9	0	-	0	0	-	9	0	-
7.4.9	OTHERS	690	690	0%	4087	5631	-27%	4776	6321	-24%
7.4.10	Debt Outstanding	8184	7981	3%	29870	26926	11%	38055	34907	9%

Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) * 100}{\text{Value in Last Year for given Category}}$
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)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) * 100}{\text{Approved value by APERC for given Category}}$
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 ⁶ 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 Year
CY	Current Year
Tariff Categories	
LT-1A	LT Domestic Consumers with consumption < 75units in the month
LT-1B	LT Domestic Consumers with consumption > 75 units and <225 units in the month
LT-1C	LT Domestic Consumers with consumption > 225units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)
LT-3	Industrial (LT)
LT-4	Institutional (LT)
LT-5	Agriculture (LT)
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)
HT-2	Commercial (HT)
HT-3	Industrial (HT)
HT-4	Institutional (HT)
HT-5	Agriculture (HT)
Rescos	Rural Electric Supply Cooperative Societies
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)
3.1.9	Agl Consumption	Refer 3.1.9
3.1.19	Discom Sales	D =Refer 3.1.19
1.02	Private Sales	Sales against Pvt connections
1.03	Government Sales	Sales against Govt connections
1.04	Government Subsidy	Sales against Subsidy connections
Collection (Rs Cr)		
1.05	Opening Debtors	G = Opening debtors for sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debtors). Unbilled Revenue shall not be considered as Debtors
5.2.14	Pvt Sales	Refer 5.2.14
5.2.7	Gov Sales	Refer 5.2.7
5.2.1	Gov Subsidy	Refer 5.2.1
1.06	Others	Collections from any other category provided above
3.3.19	Discom Collections	Refer 3.3.19
1.07	Metered Sales	Collections from Metered Sales
3.3.10	Agl Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	E = Revenue from Sale of Energy to all categories of consumers (including Subsidy Booked) but excluding Revenue from Energy Traded /Inter-State Sales.
1.09	Adj Revenue from Sale	F = Revenue from Sale of Energy (same as E above) minus Subsidy Booked plus Subsidy Received against subsidy booked during the year
1.10	Closing Debtors	H = i) Closing debtors for Sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debts). Unbilled Revenue shall not be considered as Debtors ii) Any amount written off during the year directly from(i)
1.11	Adj Closing Debtors	I =H(i+ii)
Key Performance Indicators		
3.5.19	ARR	Refer 3.5.19
3.6.19	AMC	Refer 3.6.19
3.7.19	ACPB	Refer 3.7.19

Note:

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

2. Purchases

Power Purchase		
3.1.19	Discom Sales	D =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	C =Input at Discom Periphery
2.03	Transmission Loss	B = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	A =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.04	STU	Contracted Capacity of State Transmission Utility
2.05	CTU	Contracted Capacity of Contracted 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	$\frac{\text{Distribution Network Cost (Rs Cr)*100}}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
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 of Power
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 =the 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	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.28	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
2.31	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.32	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	ACS	$\frac{\text{Cost of Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
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	$M=\text{Aggregate Technical and Commercial Loss} =L/(\text{Discom Input}) *100$
ARR-ACS GAP		
2.43	GAP	=ARR-ACS

Note:

1. Energy Purchased (MU) & 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) = $\frac{\text{Consumption During in the Month(Rs.Cr)*10}}{\text{Revenue Collected in the Month (MU)}}$

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

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

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

4.13 Average Cost of Service by Voltage Level (Rs/kWh) = $\frac{\text{Cost of Service by voltage level at specified voltage (Rs. Cr)}}{\text{Sales at Same Voltage Level(MU)}}$

Note:

- ERC data is taken from Tariff order published by APERC in the respective year
- Voltage Wise Cost starting from 4.8 is apportioned voltage wise based on the Consumption Share at that voltage level (losses are not considered)
- 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 (May-Mar)

- 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 Receivables during Month (Rs Cr)- Payments made during the period

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

- Payables data is obtained from APPCC
- 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)- Payments made during the period

7.3 Debt Servicing YTD (Rs Cr)- Payments made during the period

7.4 Debt Outstanding (Rs Cr)- Debt Outstanding as on last day of month for current year and 31st March for previous Year

- Debt servicing data is obtained from APPCC