

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators May-2024

Prepared by- Strategic Planning Unit

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1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Energy (MU)								
1.01	Metered Sales	MU	5320 (80%)	5162 (80%)	3%	10398 (78%)	9988 (79%)	4%
3.1.12	Agl Consumption	MU	1312 (20%)	1272 (20%)	3%	2875 (22%)	2607 (21%)	10%
3.1.22	Discom Sales	MU	6631	6434	3%	13272	12595	5%
1.02	Private Sales	MU	4314 (65%)	4192 (65%)	3%	8327 (63%)	7790 (62%)	7%
1.03	Government Sales	MU	560 (8%)	539 (8%)	4%	1168 (9%)	1086 (9%)	8%
1.04	Government Subsidy	MU	1758 (27%)	1704 (26%)	3%	3777 (28%)	3719 (30%)	2%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	20890	15612	34%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3371	3335	1%	6804	6330	7%
5.2.7	Gov Sales	Rs Cr	273	213	28%	497	368	35%
5.2.1	Gov Subsidy	Rs Cr	937	806	16%	2420	2594	-7%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	4581	4354	5%	9721	9292	5%
1.07	Metered Sales	Rs Cr	3901	3639	7%	7556	6939	8%
3.3.12	Agl Consumption	Rs Cr	681	714	-5%	2168	2356	-9%
1.08	Revenue from Sale	Rs Cr	5330	3998	33%	10454	7924	32%
1.09	Adj Revenue from Sale	Rs Cr	5113	4450	15%	12081	8261	46%
1.10	Closing Debtors	Rs Cr	21358	16124	32%	21358	16124	32%
1.11	Adj Closing Debtors	Rs Cr	21358	16125	32%	21358	16125	32%
KPIs								
3.5.22	ARR	Rs/kWh	6.91	6.77	2%	7.33	7.38	-1%
3.6.22	AMC	kWh/bill/Mth	337	337	0%	337	330	2%
3.7.22	ACPB	Rs/bill/Mth	2327	2279	2%	2469	2433	1%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	6631 (93%)	6434 (93%)	3%	13272 (93%)	12595 (92%)	5%
2.01	Discom Losses	MU	531 (7%)	479 (7%)	11%	1190 (8%)	1061 (8%)	12%
2.02	Discom Input	MU	7025 (98%)	6769 (98%)	4%	14174 (99%)	13476 (98%)	6%
4.10.4	Transmission Loss	MU	193 (3%)	193 (3%)	0%	392 (3%)	366 (3%)	7%
4.1.11	Discom Purchases	MU	7148	6896	4%	14329	13724	4%
4.2.11	Power Purchase Cost	Rs. Cr	3903 (77%)	3692 (74%)	6%	7853 (76%)	7474 (76%)	5%
Contracted Network Capacity (MW)								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU	MW	4199	1645	155%	4199	1775	137%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.6	2.0	-20%	1.6	2.0	-20%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.3	13.2	-75%	3.8	9.5	-60%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	8.3	5.4	54%	8.6	5.4	61%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	230 (5%)	298 (6%)	-23%	471 (5%)	594 (6%)	-21%
2.10	CTU Cost	Rs Cr	140 (3%)	217 (4%)	-35%	317 (3%)	336 (3%)	-6%
2.11	Distribution Network Cost	Rs Cr	797 (16%)	749 (15%)	6%	1661 (16%)	1477 (15%)	12%
2.12	O&M Cost	Rs Cr	426	487	-13%	940	905	4%
2.13	HR Cost	Rs Cr	373	386	-3%	807	744	9%
2.14	A&G Cost	Rs Cr	0	14	-97%	22	33	-33%
2.15	R & M Cost	Rs Cr	53	87	-40%	110	128	-14%
2.16	Depreciation	Rs Cr	180	146	23%	355	309	15%
2.17	ROCE	Rs Cr	79	48	65%	158	93	70%
2.18	Others	Rs Cr	111	68	65%	208	169	23%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	5071	4956	2%	10302	9881	4%
7.2.2	ERC Disallowed Debt	Rs Cr	738	841	-12%	1974	1816	9%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.46	5.35	2%	5.48	5.45	1%
2.20	STU Cost per Unit	Rs/kWh	0.32	0.43	-25%	0.33	0.43	-24%
2.21	CTU Cost per Unit	Rs/kWh	0.20	0.31	-38%	0.22	0.24	-10%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.36	5.94	-77%	5.15	5.52	-7%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.11	1.09	3%	1.16	1.08	8%
2.23	Cost of Service per Unit	Rs/kWh	7.09	7.19	-1%	7.19	7.20	0%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.89	5.74	3%	5.92	5.93	0%
2.25	STU Cost per Unit	Rs/kWh	0.35	0.10	239%	0.35	0.47	-25%
2.26	CTU Cost per Unit	Rs/kWh	0.21	0.34	-37%	0.24	0.27	-11%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.20	1.16	3%	1.25	1.17	7%
2.28	ACS	Rs/kWh	7.65	7.70	-1%	7.76	7.85	-1%

9196891/2024/SPU

2.29	ERC Disallowed Debt per Unit	Rs/kWh	1.11	1.31	-15%		1.49	1.44	3%
AT&C Losses									
2.30	Collection η	%	87%	98%	-12%		100%	100%	0%
2.31	Units Realized	MU	5659	6194	-9%		12984	12400	5%
2.32	Units Unrealized	MU	1365	575	138%		1190	1076	11%
2.33	AT&C Losses	%	19%	8%	129%		8%	8%	5%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	-0.74	-0.94	21%		-0.44	-0.47	6%

9196891/2024/SFU 3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	28 (0%)	32 (0%)	-12%	57 (0%)	66 (1%)	-14%
3.1.2	31-75	179 (3%)	191 (3%)	-6%	376 (3%)	403 (3%)	-7%
3.1.3	76-125	326 (5%)	342 (5%)	-5%	689 (5%)	706 (6%)	-2%
3.1.4	126-225	503 (8%)	508 (8%)	-1%	1048 (8%)	1000 (8%)	5%
3.1.5	226-400	485 (7%)	385 (6%)	26%	825 (6%)	633 (5%)	30%
3.1.6	>400	483 (7%)	376 (6%)	28%	764 (6%)	477 (4%)	60%
3.1.7	LT-1	2004 (30%)	1834 (29%)	9%	3758 (28%)	3285 (26%)	14%
3.1.8	LT-2	380 (6%)	346 (5%)	10%	742 (6%)	653 (5%)	14%
3.1.9	LT-3	124 (2%)	128 (2%)	-3%	254 (2%)	261 (2%)	-3%
3.1.10	LT-4	141 (2%)	136 (2%)	3%	285 (2%)	276 (2%)	3%
3.1.11	LT-5	1652 (25%)	1606 (25%)	3%	3563 (27%)	3283 (26%)	9%
3.1.12	LT-5 A (ii)	1312 (20%)	1272 (20%)	3%	2875 (22%)	2607 (21%)	10%
3.1.13	LT-5 excluding A(ii)	341 (5%)	334 (5%)	2%	688 (5%)	675 (5%)	2%
3.1.14	LT	4302 (65%)	4050 (63%)	6%	8601 (65%)	7758 (62%)	11%
3.1.15	HT-1	8 (0%)	7 (0%)	16%	16 (0%)	13 (0%)	19%
3.1.16	HT-2	202 (3%)	201 (3%)	0%	397 (3%)	383 (3%)	4%
3.1.17	HT-3	1778 (27%)	1859 (29%)	-4%	3528 (27%)	3742 (30%)	-6%
3.1.18	HT-4	274 (4%)	257 (4%)	7%	548 (4%)	507 (4%)	8%
3.1.19	HT-5	10 (0%)	13 (0%)	-23%	66 (1%)	101 (1%)	-34%
3.1.20	Rescos	57 (1%)	46 (1%)	24%	116 (1%)	91 (1%)	27%
3.1.21	HT	2330 (35%)	2384 (37%)	-2%	4671 (35%)	4838 (38%)	-3%
3.1.22	Discom Sales	6631	6434	3%	13272	12595	5%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	4302	4050	6%	8601	7758	11%
3.2.1	11KV	582	544	7%	1157	1071	8%
3.2.2	33KV	619	611	1%	1223	1249	-2%
3.2.3	EHT	1129	1229	-8%	2291	2544	-10%
3.1.22	Discom Sales	6631	6434	3%	13272	12595	5%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	26 (1%)	24 (1%)	8%	58 (1%)	51 (1%)	15%
3.3.2	31-75	63 (1%)	62 (1%)	1%	140 (1%)	136 (1%)	4%
3.3.3	76-125	120 (3%)	119 (3%)	0%	265 (3%)	253 (3%)	5%
3.3.4	126-225	231 (5%)	218 (5%)	6%	479 (5%)	432 (5%)	11%
3.3.5	226-400	282 (6%)	216 (5%)	30%	486 (5%)	350 (4%)	39%
3.3.6	>400	332 (7%)	176 (4%)	89%	472 (5%)	258 (3%)	83%
3.3.7	LT-1	1053 (23%)	815 (19%)	29%	1901 (20%)	1480 (16%)	28%
3.3.8	LT-2	451 (10%)	385 (9%)	17%	898 (9%)	750 (8%)	20%
3.3.9	LT-3	139 (3%)	127 (3%)	9%	278 (3%)	257 (3%)	8%
3.3.10	LT-4	52 (1%)	50 (1%)	5%	104 (1%)	94 (1%)	10%
3.3.11	LT-5	923 (20%)	928 (21%)	-1%	2544 (26%)	2737 (29%)	-7%
3.3.12	LT-5 A (ii)	681 (15%)	714 (16%)	-5%	2168 (22%)	2356 (25%)	-8%
3.3.13	LT-5 excluding A(ii)	242 (5%)	214 (5%)	13%	376 (4%)	381 (4%)	-1%
3.3.14	LT	2619 (57%)	2306 (53%)	14%	5725 (59%)	5318 (57%)	8%
3.3.15	HT-1	9 (0%)	5 (0%)	68%	13 (0%)	9 (0%)	43%
3.3.16	HT-2	354 (8%)	219 (5%)	62%	584 (6%)	417 (4%)	40%
3.3.17	HT-3	1357 (30%)	1628 (37%)	-17%	2951 (30%)	3158 (34%)	-7%

9196891/2024/SPU		224 (5%)	179 (4%)	25%	423 (4%)	369 (4%)	15%
3.3.19	HT-5	17 (0%)	14 (0%)	21%	24 (0%)	20 (0%)	22%
3.3.20	Rescos	2 (0%)	2 (0%)	27%	4 (0%)	4 (0%)	18%
3.3.21	HT	1963 (43%)	2048 (47%)	-4%	3999 (41%)	3976 (43%)	1%
3.3.22	Discom Collections	4583	4353	5%	9724	9294	5%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	38,51,797(20%)	30,72,213(16%)	25%	38,51,797(20%)	30,72,213(16%)	25%
3.4.2	31-75	31,92,411(16%)	35,34,368(19%)	-10%	31,92,411(16%)	35,34,368(19%)	-10%
3.4.3	76-125	31,18,252(16%)	34,35,808(18%)	-9%	31,18,252(16%)	34,35,808(18%)	-9%
3.4.4	126-225	29,37,451(15%)	31,11,101(16%)	-6%	29,37,451(15%)	31,11,101(16%)	-6%
3.4.5	226-400	15,73,493(8%)	13,52,163(7%)	16%	15,73,493(8%)	13,52,163(7%)	16%
3.4.6	>400	7,79,553(4%)	5,18,856(3%)	50%	7,79,553(4%)	5,18,856(3%)	50%
3.4.7	LT-1	1,54,52,957(78%)	1,50,24,509(79%)	3%	1,54,52,957(78%)	1,50,24,509(79%)	3%
3.4.8	LT-2	17,61,457(9%)	16,90,835(9%)	4%	17,61,457(9%)	16,90,835(9%)	4%
3.4.9	LT-3	81,441(0%)	81,317(0%)	0%	81,441(0%)	81,317(0%)	0%
3.4.10	LT-4	3,71,435(2%)	3,53,179(2%)	5%	3,71,435(2%)	3,53,179(2%)	5%
3.4.11	LT-5	20,11,300(10%)	19,37,822(10%)	4%	20,11,300(10%)	19,37,822(10%)	4%
3.4.12	LT-5 A (ii)	19,26,502(10%)	18,58,291(10%)	4%	19,26,502(10%)	18,58,291(10%)	4%
3.4.13	LT-5 excluding A(ii)	84,798(0%)	79,531(0%)	7%	84,798(0%)	79,531(0%)	7%
3.4.14	LT	1,96,78,590(100%)	1,90,87,662(100%)	3%	1,96,78,590(100%)	1,90,87,662(100%)	3%
3.4.15	HT-1	134(0%)	126(0%)	6%	134(0%)	126(0%)	6%
3.4.16	HT-2	5,441(0%)	5,032(0%)	8%	5,441(0%)	5,032(0%)	8%
3.4.17	HT-3	6,857(0%)	6,665(0%)	3%	6,857(0%)	6,665(0%)	3%
3.4.18	HT-4	854(0%)	844(0%)	1%	854(0%)	844(0%)	1%
3.4.19	HT-5	720(0%)	724(0%)	-1%	720(0%)	724(0%)	-1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,007(0%)	13,392(0%)	5%	14,007(0%)	13,392(0%)	5%
3.4.22	Discom Bills	1,96,92,597	1,91,01,054	3%	1,96,92,597	1,91,01,054	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	9.23	7.56	22%	10.25	7.72	33%
3.5.2	31-75	3.50	3.25	8%	3.74	3.37	11%
3.5.3	76-125	3.68	3.49	5%	3.85	3.59	7%
3.5.4	126-225	4.59	4.30	7%	4.58	4.31	6%
3.5.5	226-400	5.81	5.61	3%	5.90	5.53	7%
3.5.6	>400	6.88	4.67	47%	6.18	5.41	14%
3.5.7	LT-1	5.25	4.45	18%	5.06	4.50	12%
3.5.8	LT-2	11.88	11.15	7%	12.10	11.49	5%
3.5.9	LT-3	11.22	9.93	13%	10.93	9.84	11%
3.5.10	LT-4	3.70	3.64	2%	3.64	3.40	7%
3.5.11	LT-5	5.59	5.78	-3%	7.14	8.34	-14%
3.5.12	LT-5 A (ii)	5.19	5.62	-8%	7.54	9.04	-17%
3.5.13	LT-5 excluding A(ii)	7.11	6.41	11%	5.46	5.65	-3%
3.5.14	LT	6.09	5.69	7%	6.66	6.86	-3%
3.5.15	HT-1	10.47	7.23	45%	8.28	6.90	20%
3.5.16	HT-2	17.53	10.90	61%	14.70	10.90	35%
3.5.17	HT-3	7.63	8.76	-13%	8.36	8.44	-1%
3.5.18	HT-4	8.18	6.96	17%	7.72	7.27	6%
3.5.19	HT-5	16.63	10.59	57%	3.65	1.97	85%
3.5.20	Rescos	0.41	0.40	2%	0.37	0.40	-7%
3.5.21	HT	8.43	8.59	-2%	8.56	8.22	4%
3.5.22	ARR	6.91	6.77	2%	7.33	7.38	-1%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	7	10	-30%	7	11	-31%
3.6.2	31-75	56	54	4%	59	57	3%
3.6.3	76-125	104	99	5%	110	103	8%
3.6.4	126-225	171	163	5%	178	161	11%
3.6.5	226-400	308	285	8%	262	234	12%
3.6.6	>400	619	725	-15%	490	460	7%
3.6.7	LT-1	130	122	6%	122	109	11%
3.6.8	LT-2	216	204	6%	211	193	9%
3.6.9	LT-3	1526	1576	-3%	1561	1608	-3%
3.6.10	LT-4	379	386	-2%	383	390	-2%
3.6.11	LT-5	822	829	-1%	886	847	5%
3.6.12	LT-5 A (ii)	681	685	-1%	746	702	6%
3.6.13	LT-5 excluding A(ii)	4019	4196	-4%	4057	4244	-4%
3.6.14	LT	219	212	3%	219	203	8%
3.6.15	HT-1	62239	56984	9%	59739	53214	12%
3.6.16	HT-2	37146	39984	-7%	36524	38030	-4%
3.6.17	HT-3	259280	278986	-7%	257276	280748	-8%
3.6.18	HT-4	320667	304384	5%	320603	300350	7%
3.6.19	HT-5	14153	18329	-23%	46118	69593	-34%
3.6.20	Rescos	57270000	46100000	24%	57870000	45700000	27%
3.6.21	HT	166320	178023	-7%	166755	180618	-8%
3.6.22	AMC	337	337	0%	337	330	2%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	67	78	-14%	76	83	-9%
3.7.2	31-75	197	176	12%	220	192	15%
3.7.3	76-125	384	347	11%	425	369	15%
3.7.4	126-225	785	701	12%	816	693	18%
3.7.5	226-400	1790	1598	12%	1545	1296	19%
3.7.6	>400	4262	3385	26%	3028	2487	22%
3.7.7	LT-1	681	543	26%	615	492	25%
3.7.8	LT-2	2562	2279	12%	2549	2218	15%
3.7.9	LT-3	17118	15660	9%	17060	15826	8%
3.7.10	LT-4	1403	1404	0%	1395	1329	5%
3.7.11	LT-5	4591	4791	-4%	6324	7062	-10%
3.7.12	LT-5 A (ii)	3535	3844	-8%	5627	6339	-11%
3.7.13	LT-5 excluding A(ii)	28562	26917	6%	22151	23969	-8%
3.7.14	LT	1331	1208	10%	1455	1393	4%
3.7.15	HT-1	651493	411905	58%	494403	367063	35%
3.7.16	HT-2	651185	435672	49%	536813	414388	30%
3.7.17	HT-3	1979043	2443091	-19%	2151488	2368890	-9%
3.7.18	HT-4	2623302	2119313	24%	2473653	2183827	13%
3.7.19	HT-5	235417	194061	21%	168264	137431	22%
3.7.20	Rescos	23400000	18400000	27%	21500000	18250000	18%
3.7.21	HT	1401721	1528898	-8%	1427497	1484543	-4%
3.7.22	ACPB	2327	2279	2%	2469	2433	1%

4. Purchase by Categories

4.1 Energy Purchased by Source (MU)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.1.1	State Thermal	2998 (42%)	2883 (42%)	4%	3119 (45%)	-4%	5956 (42%)	5601 (41%)	6%	6137 (44%)	-3%
4.1.2	State Hydel	121 (2%)	156 (2%)	- 22%	160 (2%)	-24%	292 (2%)	298 (2%)	-2%	377 (3%)	-23%
4.1.3	CGS	1031 (14%)	973 (14%)	6%	885 (13%)	16%	2157 (15%)	2006 (15%)	8%	1741 (13%)	24%
4.1.4	Gas	17 (0%)	0 (0%)	-	0 (0%)	-	28 (0%)	0 (0%)	-	0 (0%)	-
4.1.5	IPPs	914 (13%)	1019 (15%)	- 10%	1262 (18%)	-28%	1867 (13%)	1886 (14%)	-1%	2484 (18%)	-25%
4.1.6	VRE-Wind	568 (8%)	505 (7%)	13%	640 (9%)	-11%	966 (7%)	849 (6%)	14%	979 (7%)	-1%
4.1.7	VRE-Solar	705 (10%)	730 (11%)	-3%	697 (10%)	1%	1404 (10%)	985 (7%)	42%	1353 (10%)	4%
4.1.8	RE-Others	21 (0%)	18 (0%)	14%	30 (0%)	-31%	42 (0%)	40 (0%)	4%	59 (0%)	-29%
4.1.9	Markets	775 (11%)	612 (9%)	27%	167 (2%)	363%	1617 (11%)	1674 (12%)	-3%	775 (6%)	109%
4.1.10	Others	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	385 (3%)	- 100%	0 (0%)	-
4.1.11	Discom Purchases	7148	6896	4%	6959	3%	14329	13724	4%	13905	3%

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	1617 (41%)	1583 (43%)	2%	1679 (51%)	-4%	3200 (41%)	3008 (40%)	6%	3321 (51%)	-4%
4.2.2	State Hydel	60 (2%)	54 (1%)	13%	60 (2%)	0%	121 (2%)	107 (1%)	13%	121 (2%)	0%
4.2.3	CGS	569 (15%)	579 (16%)	-2%	374 (11%)	52%	1110 (14%)	1108 (15%)	0%	739 (11%)	50%
4.2.4	Gas	1 (0%)	0 (0%)	-	2 (0%)	-18%	31 (0%)	0 (0%)	-	3 (0%)	941%
4.2.5	IPPs	430 (11%)	487 (13%)	-12%	543 (17%)	-21%	942 (12%)	893 (12%)	6%	1075 (17%)	-12%
4.2.6	VRE-Wind	265 (7%)	239 (6%)	11%	301 (9%)	-12%	468 (6%)	402 (5%)	16%	460 (7%)	2%
4.2.7	VRE-Solar	311 (8%)	320 (9%)	-3%	266 (8%)	17%	647 (8%)	444 (6%)	46%	517 (8%)	25%
4.2.8	RE-Others	14 (0%)	11 (0%)	23%	19 (1%)	-29%	27 (0%)	25 (0%)	9%	38 (1%)	-28%
4.2.9	Markets	635 (16%)	420 (11%)	51%	43 (1%)	1387%	1306 (17%)	1330 (18%)	-2%	210 (3%)	523%
4.2.10	Others	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	156 (2%)	-100%	0 (0%)	-
4.2.11	Power Purchase Cost	3903	3692	6%	3288	19%	7853	7474	5%	6484	21%

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	406	332	22%	521	-22%	822	649	27%	1041	-21%
4.3.2	State Hydel	60	54	13%	60	0%	121	107	13%	121	0%
4.3.3	CGS	118	119	-1%	80	48%	235	236	-1%	160	47%
4.3.4	Gas	1	0	-	2	-18%	1	0	-	3	-59%
4.3.5	IPPs	133	176	-24%	181	-27%	278	312	-11%	363	-23%
4.3.6	Others	0	0	-	0	-	0	3	-100%	0	-
4.3.7	Fixed Cost	718	680	6%	844	-15%	1456	1307	11%	1688	-14%

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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	442	401	10%	438	1%	442	401	10%	438	1%
4.4.2	CGS	161	150	8%	111	45%	161	150	8%	111	45%
4.4.3	Gas	11	0	-	0	-	11	0	-	0	-
4.4.4	IPPs	139	98	43%	137	2%	139	98	43%	137	2%
4.4.5	VRE-Wind	77	59	30%	62	24%	77	59	30%	62	24%
4.4.6	VRE-Solar	128	45	183%	98	30%	128	45	183%	98	30%
4.4.7	RE-Others	5	5	7%	7	-26%	5	5	7%	7	-26%
4.4.8	Markets	255	330	-23%	0	-	255	330	-23%	0	-
4.4.9	Others	0	56	-100%	0	-	0	56	-100%	0	-
4.4.10	Variable Cost	1219	1143	7%	854	43%	1219	1143	7%	854	43%

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	5.40	5.49	-2%	5.38	0%	5.37	5.37	0%	5.41	-1%
4.5.2	State Hydrel	4.99	3.44	45%	3.78	32%	4.13	3.59	15%	3.20	29%
4.5.3	CGS	5.52	5.94	-7%	4.23	30%	5.15	5.52	-7%	4.25	21%
4.5.4	Gas	0.72	0.00	-	0.00	-	11.13	0.00	-	0.00	-
4.5.5	IPPs	4.71	4.78	-2%	4.30	9%	5.05	4.73	7%	4.33	17%
4.5.6	VRE-Wind	4.67	4.74	-2%	4.70	-1%	4.84	4.74	2%	4.70	3%
4.5.7	VRE-Solar	4.41	4.38	1%	3.82	15%	4.61	4.51	2%	3.82	21%
4.5.8	RE-Others	6.62	6.17	7%	6.47	2%	6.56	6.23	5%	6.48	1%
4.5.9	Markets	8.20	6.86	20%	2.56	221%	8.08	7.95	2%	2.71	199%
4.5.10	Others	0.00	0.00	-	0.00	-	0.00	4.07	-100%	0.00	-
4.5.11	Weighted Average	5.46	5.35	2%	4.72	16%	5.48	5.45	1%	4.66	18%

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	1.35	1.15	18%	1.67	-19%	1.38	1.16	19%	1.70	-19%
4.6.2	State Hydrel	4.99	3.44	45%	3.78	32%	4.13	3.59	15%	3.20	29%
4.6.3	CGS	1.15	1.23	-6%	0.90	27%	1.09	1.18	-8%	0.92	19%
4.6.4	Gas	0.72	0.00	-	0.00	-	0.44	0.00	-	0.00	-
4.6.5	IPPs	1.45	1.72	-16%	1.44	1%	1.49	1.65	-10%	1.46	2%
4.6.6	Average FC	1.00	0.99	2%	1.21	-17%	1.02	0.95	7%	1.22	-16%

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

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.7.1	State Thermal	4.04	4.34	-7%	3.71	9%	3.99	4.21	-5%	3.71	7%
4.7.2	CGS	4.38	4.72	-7%	3.33	31%	4.06	4.35	-7%	3.33	22%
4.7.3	Gas	0.00	0.00	-	0.00	-	10.69	0.00	-	0.00	-
4.7.4	IPPs	3.25	3.06	6%	2.87	13%	3.56	3.08	16%	2.87	24%
4.7.5	VRE-Wind	4.67	4.74	-2%	4.70	-1%	4.84	4.74	2%	4.70	3%
4.7.6	VRE-Solar	4.41	4.38	1%	3.82	15%	4.61	4.51	2%	3.82	21%
4.7.7	RE-Others	6.62	6.17	7%	6.47	2%	6.56	6.23	5%	6.48	1%
4.7.8	Markets	8.20	6.86	20%	2.56	221%	8.08	7.95	2%	2.71	199%
4.7.9	Average VC	4.46	4.37	2%	3.51	27%	4.46	4.49	-1%	3.45	29%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2532	2324	9%	5089	4604	11%
4.8.2	11KV	342	312	10%	685	635	8%
4.8.3	33KV	364	351	4%	724	741	-2%
4.8.4	EHT	665	705	-6%	1355	1510	-10%
4.2.11	Power Purchase Cost	3903	3692	6%	7853	7474	5%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	3334	3120	7%	6676	6086	10%
4.9.2	11KV	451	419	8%	898	840	7%
4.9.3	33KV	480	471	2%	949	980	-3%
4.9.4	EHT	875	947	-8%	1778	1996	-11%
2.19	Cost of Service	5139	4956	4%	1030	9902	4%
					1		

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	201	147	37%	449	341	32%
4.10.2	11KV	150	158	-5%	357	340	5%
4.10.3	33KV	180	174	3%	383	380	1%
4.10.4	EHT	193	193	0%	392	366	7%
4.10.5	Loss	723	672	8%	1582	1427	11%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	3429	3207	7%	6889	6293	9%
4.11.2	11KV	443	415	7%	881	832	6%
4.11.3	33KV	458	452	1%	900	936	-4%
4.11.4	EHT	810	881	-8%	1632	1841	-11%
2.19	Cost of Service	5139	4956	4%	10301	9902	4%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	8.0	7.9	1%	8.0	8.1	-1%
4.12.2	11KV	7.6	7.6	0%	7.6	7.8	-2%
4.12.3	33KV	7.4	7.4	0%	7.4	7.5	-2%
4.12.4	EHT	7.2	7.2	0%	7.1	7.2	-2%
2.28	ACS	7.8	7.7	1%	7.8	7.9	-1%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	3552	3397	3397	3397	13744
5.1.2	Agriculture Subsidy	2892	2216	2216	2216	9541
5.1.3	Aquaculture Subsidy	328	185	185	185	881
5.1.4	SC Colonies Subsidy	53	159	159	159	528
5.1.5	ST Thandas Subsidy	12	36	36	36	119
5.1.6	Other Subsidy	267	802	802	802	2674
5.1.7	Govt Agencies	944	1341	1341	1341	4965
5.1.8	Panchayats	244	525	525	525	1820
5.1.9	WR Dept	155	415	415	415	1400
5.1.10	ULB	118	214	214	214	759
5.1.11	Other Govt Dept	427	186	186	186	986
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	9905	9303	9303	9303	37815
5.1.15	Total	14401	14041	14041	14041	56524
5.1.16	Opex Loans	0	0	0	0	0
5.1.17	Capex Loans	0	0	0	0	0

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% Δ ERC
				CY	PY			
5.2.1	Subsidy	1132	1337	937	806	400	16%	-17%
5.2.2	Agriculture Subsidy	739	967	671	707	296	-5%	-9%
5.2.3	Aquaculture Subsidy	62	68	266	99	-198	169%	333%
5.2.4	SC Colonies Subsidy	53	52	0	0	52	-	-100%
5.2.5	ST Thandas Subsidy	12	11	0	0	11	-	-100%
5.2.6	Other Subsidy	267	239	0	0	239	-	-100%
5.2.7	Govt Agencies	447	551	273	213	278	28%	-39%
5.2.8	Panchayats	175	177	34	19	143	79%	-81%
5.2.9	WR Dept	138	95	16	14	79	15%	-88%
5.2.10	ULB	71	68	32	38	36	-15%	-55%
5.2.11	Other Govt Dept	62	211	190	142	21	34%	207%
5.2.12	Govt serviced debt	0	0	0	0	0	-	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	3101	3697	3371	3335	326	1%	9%
5.2.15	Total	4680	5585	4581	4354	1004	5%	-2%
5.2.16	Opex Loans	0	0	0	0	0	-	-
5.2.17	Capex Loans	0	0	0	0	0	-	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% Δ ERC
					CY	PY				
5.3.1	Subsidy	12391	2265	2591	2420	2594	12562	12575	-7%	7%
5.3.2	Agriculture Subsidy	9760	1478	1934	2153	2345	9541	8993	-8%	46%
5.3.3	Aquaculture Subsidy	1460	123	139	266	249	1333	1333	7%	116%
5.3.4	SC Colonies Subsidy	882	106	111	0	0	993	910	-	-100%
5.3.5	ST Thandas Subsidy	277	24	22	0	0	299	296	-	-100%
5.3.6	Other Subsidy	12	535	385	0	0	397	1043	-	-100%
5.3.7	Govt Agencies	15166	894	1139	497	368	15808	11493	35%	-44%
5.3.8	Panchayats	6654	350	353	69	38	6938	5114	82%	-80%
5.3.9	WR Dept	7233	277	234	17	22	7450	5283	-25%	-94%

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6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11244	9616	8703	9432	38994
6.1.2	State Thermal	4841	4751	4264	4724	18581
6.1.3	State Hydel	181	181	181	181	725
6.1.4	CGS	1475	1078	1078	1060	4690
6.1.5	IPPs Gas	33	5	5	5	46
6.1.6	IPPs Thermal	1474	1539	1533	1520	6067
6.1.7	VRE- Wind	922	1349	354	461	3086
6.1.8	VRE- Solar	898	655	1231	1426	4210
6.1.9	Other-NCE	46	57	57	56	217
6.1.10	Market	1373	0	0	0	1373
6.1.11	Other	0	0	0	0	0
6.1.12	CTU Cost	437	361	361	361	1520
6.1.13	STU Cost	808	1013	1013	1013	3846
6.1.14	Distribution Cost	2613	2855	2855	2855	11178
6.1.15	O&M Cost	1586	1938	1938	1938	7399
6.1.16	HR Cost	1336	1585	1585	1585	6092
6.1.17	A&G Cost	51	87	87	87	313
6.1.18	R&M Cost	199	265	265	265	994
6.1.19	Depreciation	532	532	532	532	2129
6.1.20	ROCE	304	437	437	437	1616
6.1.21	Others	191	-52	-52	-52	34
6.1.22	Cost of Service	15102	13844	12931	13661	55538
7.1.1	Capex Debt service (P+I)	356	0	0	0	356
7.1.2	Opex Debt service (P+I)	3450	0	0	0	3450

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	3288	3903	3491	4152	412	-16%	6%
6.2.2	State Thermal	1679	1617	1507	1296	110	16%	-10%
6.2.3	State Hydel	60	60	53	54	7	-2%	-12%
6.2.4	CGS	374	569	625	818	-56	-24%	67%
6.2.5	IPPs Gas	2	1	0	0	1	-	-100%
6.2.6	IPPs Thermal	543	430	287	456	143	-37%	-47%
6.2.7	VRE- Wind	301	265	262	592	3	-56%	-13%
6.2.8	VRE- Solar	266	311	264	217	47	22%	-1%
6.2.9	Other-NCE	19	14	13	13	1	0%	-33%
6.2.10	Market	43	635	480	706	155	-32%	1023%
6.2.11	Other	0	0	0	0	0	-	-
6.2.12	CTU Cost	120	140	150	133	-10	13%	25%
6.2.13	STU Cost	338	230	66	168	164	-61%	-80%
6.2.14	Distribution Cost	952	865	0	543	865	-100%	-100%
6.2.15	O&M Cost	646	426	0	488	426	-100%	-100%
6.2.16	HR Cost	528	373	0	386	373	-100%	-100%
6.2.17	A&G Cost	29	0	0	15	0	-100%	-100%
6.2.18	R&M Cost	88	53	0	87	53	-100%	-100%
6.2.19	Depreciation	177	180	0	0	0	-	-100%
6.2.20	ROCE	146	147	0	0	0	-	-100%
6.2.21	Others	-17	111	0	55	111	-100%	-100%
6.2.22	Cost of Service	4698	5139	3707	4996	1432	-26%	-21%
7.2.1	Capex Debt service (P+I)	0	182	182	134	0	36%	-
7.2.2	Opex Debt service (P+I)	0	1995	738	841	1257	-12%	-

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	7105	6484	7853	6540	8481	8418	4519	-23%	1%
6.3.2	State Thermal	-1261	3321	3200	2752	2779	-813	2748	-1%	-17%
6.3.3	State Hydel	130	121	121	106	108	145	130	-2%	-12%
6.3.4	CGS	1638	739	1110	1050	1760	1698	727	-40%	42%
6.3.5	IPPs Gas	83	3	31	0	0	114	0	-	-100%
6.3.6	IPPs Thermal	1954	1075	942	665	919	2231	218	-28%	-38%
6.3.7	VRE- Wind	1086	460	468	382	1260	1172	573	-70%	-17%
6.3.8	VRE- Solar	671	517	647	410	458	908	123	-10%	-21%
6.3.9	Other-NCE	58	38	27	21	33	64	0	-36%	-45%
6.3.10	Market	2746	210	1306	1154	1164	2898	0	-1%	450%
6.3.11	Other	0	0	0	0	0	0	0	-	-
6.3.12	CTU Cost	26	241	317	195	274	148	0	-29%	-19%
6.3.13	STU Cost	3182	675	471	184	335	3469	2199	-45%	-73%
6.3.14	Distribution Cost	0	1903	1661	597	1098	1064	0	-46%	-69%
6.3.15	O&M Cost	0	1292	940	538	966	402	0	-44%	-58%
6.3.16	HR Cost	0	1057	807	455	786	352	0	-42%	-57%
6.3.17	A&G Cost	0	58	22	25	48	-3	0	-48%	-57%
6.3.18	R&M Cost	0	177	110	58	132	52	0	-56%	-67%
6.3.19	Depreciation	0	355	355	0	0	0	0	-	-100%
6.3.20	ROCE	0	292	158	13	0	0	0	-	-96%
6.3.21	Others	0	-35	208	46	132	162	0	-65%	-232%
6.3.22	Cost of Service	10313	9303	10301	7516	10188	13098	6718	-26%	-19%
7.3.1	Capex Debt service (P+I)	0	0	356	356	290	0	0	23%	-
7.3.2	Opex Debt service (P+I)	0	0	3450	1974	1816	1476	0	9%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	356	0	0	0	356
7.1.2	ERC disallowable-Opex Debt	3450	0	0	0	3450
7.1.3	Debt Servicing	3806	0	0	0	3806

7.2 Debt Servicing during the month (Rs Cr)

#	Item	ERC-BE	Due	Paid		Over Due	% ↑	% δ ERC
				CY	PY			
7.2.1	ERC allowed-Capex Debt	0	182	182	134	0	36%	-
7.2.2	ERC disallowable-Opex Debt	0	1995	738	841	1257	-12%	-
7.2.3	Debt Servicing	0	2177	920	975	1257	-6%	-

7.3 Debt Servicing YTD (Rs Cr)

#	Item	OB	ERC-BE	Due	Paid		CB – OD	OD>60days	% ↑	% δ ERC
					CY	PY				
7.3.1	ERC allowed-Capex Debt	0	0	356	356	290	0	0	23%	-
7.3.2	ERC disallowable-Opex Debt	0	0	3450	1974	1816	1476	0	9%	-
7.3.3	Debt Servicing	0	0	3806	2330	2106	1476	0	11%	-

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	6768	6789	0%	19051	19215	-1%	25819	26004	-1%
7.4.2	PFC	3535	3451	2%	19703	19852	-1%	23238	23303	0%
7.4.3	APPFCL	0	0	-	8469	8584	-1%	8469	8584	-1%
7.4.4	BANKS	1070	1104	-3%	1526	1609	-5%	2596	2713	-4%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2139	1990	7%	2139	1990	7%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	9	9	0%	0	0	-	9	9	0%
7.4.9	OTHERS	1691	1399	21%	2728	2902	-6%	4419	4301	3%
7.4.10	Debt Outstanding	13073	12752	3%	53616	54152	-1%	66689	66904	0%

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 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

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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

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PFC	Loans taken from Power Finance Corporation Ltd.
APPFCL	Loans taken from Andhra Pradesh Power Finance Corporation Limited
BANKS	Loans taken from banks
IREDA	Loans taken from Indian Renewable Energy Development Agency Limited
ICD	Loans taken from Interest on Consumer Deposit
PTC	Loans taken from Power Trading Corporation of India Limited
GOAP	Loans taken from Government of Andhra Pradesh
OTHERS	Loans taken from any other sources

Note:

1. Sales related data (Rs Cr) is obtained on Billing basis provided by Distribution licensees of Andhra Pradesh
2. Billing Cycle: CPDCL - 1-15 of Every Month; EPDCL - 4-21 of Every Month; SPDCL - 1-12 of Every Month
3. CTU Cost is obtained on Billing basis
4. CTU charges are being charged on GNA from October-2023

1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.9	AgI Consumption	Refer 3.1.9
3.1.19	Discom Sales	D =Refer 3.1.19
1.02	Private Sales	Sales against Pvt connections
1.03	Government Sales	Sales against Govt connections
1.04	Government Subsidy	Sales against Subsidy connections
Collection (Rs Cr)		
1.05	Opening Debtors	G = Opening debtors for sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debtors). Unbilled Revenue shall not be considered as Debtors
5.2.14	Pvt Sales	Refer 5.2.14
5.2.7	Gov Sales	Refer 5.2.7
5.2.1	Gov Subsidy	Refer 5.2.1
1.06	Others	Collections from any other category provided above
3.3.19	Discom Collections	Refer 3.3.19
1.07	Metered Sales	Collections from Metered Sales
3.3.10	AgI Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	E = Revenue from Sale of Energy to all categories of consumers (including Subsidy Booked) but excluding Revenue from Energy Traded /Inter-State Sales.
1.09	Adj Revenue from Sale	F = Revenue from Sale of Energy (same as E above) minus Subsidy Booked plus Subsidy Received against subsidy booked during the year
1.10	Closing Debtors	H = i) Closing debtors for Sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debts). Unbilled Revenue shall not be considered as Debtors ii) Any amount written off during the year directly from(i)
1.11	Adj Closing Debtors	I =H(i+ii)
Key Performance Indicators		
3.5.19	ARR	Refer 3.5.19
3.6.19	AMC	Refer 3.6.19
3.7.19	ACPB	Refer 3.7.19

2. Purchases

Power Purchase		
3.1.19	Discom Sales	D =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	C =Input at Discom Periphery
4.10.4	Transmission Loss	B = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	A =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.03	STU	Contracted Capacity of State Transmission Utility
2.04	CTU	Contracted Capacity of Contracted Transmission Utility
2.05	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.06	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.07	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)} \times 100}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
Network Cost (Rs Cr)		
2.09	STU Cost	a =Expenditure for using State Transmission Network for Transmission of Power
2.10	CTU Cost	b =Expenditure for using Central Transmission Network for Transmission of Power
2.11	Distribution Network Cost	c =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.12	O&M Cost	d =Operation and Maintenance Cost (e+f+g)

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2.13	HR Cost	e=Human Resource Cost
2.14	A&G Cost	f=Admin and General Cost
2.15	R & M Cost	g=Repairs and Maintenance
2.16	Depreciation	h=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.17	ROCE	i=Return on Capital Employed
2.18	Others	j=Any other Cost
Cost of Service (Rs Cr)		
2.19	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
KPIs on Purchase basis		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.20	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.21	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.22	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.23	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
2.24	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.28	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.29	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
AT&C Losses		
2.30	Collection η	$J=(F+G-I)/E \times 100$
2.31	Units Realized	$K=D \times J / 100$
2.32	Units Unrealized	$L=C-K$
2.33	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} = L / (\text{Discom Input}) \times 100$
ARR-ACS GAP		
2.34	GAP	=ARR-ACS

3. Sales by Categories

3.1 Energy Sales by Category (MU) – Consumption Recorded during the Month segregated by Consumer Category

3.2 Energy Sales by Voltage (MU) – Consumption Recorded during the Month segregated by Voltage

3.3 Collection by Category (Rs Cr) – Collection Received during the Month segregated by Consumer Category

3.4 Bills by Category (Rs Cr)- Bills Generated during the Month segregated by Consumer Category

3.5 Average Revenue Realized by Category (Rs/kWh) = $\frac{\text{Consumption During in the Month(Rs.Cr)} \times 10}{\text{Revenue Collected in the Month (MU)}}$

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

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

4. Expenditure by Category

4.1 Energy Purchased by Source (MU) – Energy Purchased during the Month segregated by Source

4.2 Power Purchase Cost by Source (Rs Cr) – Expenditure Incurred for Energy Purchase during the month segregated by Source

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4.3 Fixed Cost by Source (Rs Cr)- Expenditure Incurred towards Fixed Cost in Energy Purchase during the month segregated by Source

4.4 Variable Cost by Source (Rs Cr) - Expenditure Incurred towards Variable Cost in Energy Purchase during the month segregated by Source

4.5 Average Energy Cost per Unit by Source (Rs/kWh) = $\frac{\text{Power Purchase Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the Month(MU)}}$

4.6 Fixed Cost per Unit by Source (Rs/kWh) = $\frac{\text{Fixed Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the month(MU)}}$

4.7 Variable Cost per Unit by Source (Rs/kWh) = $\frac{\text{Variable Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the month(MU)}}$

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

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

4.10 Losses by Voltage (MU) = Transmission & Distribution losses on Voltage basis

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

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

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

5. Receivables

5.1 Income Estimates (Rs Cr)- Actuals till reporting month and Estimates for rest of the period

5.2 Receivables during Month (Rs Cr)- Receivables for given Category in Current Month

5.3 Receivables YTD (Rs Cr)- Receivables for given Category in Current financial year (May-Mar)

6. Payables

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

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

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

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)- Actuals till reporting month and Estimates for rest of the period

7.2 Debt Servicing during the month (Rs Cr)- Payments made during the period

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

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