

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators January-2025

Prepared by- Strategic Planning Unit

Disclaimer

This report has been prepared based on the information obtained from power utilities. SPU does not guarantee the accuracy of the data.

Copyright © SPU. Produced on 30 April 2025.

This report is subject to copyright. All or part of it can be reproduced for bonafide research or public policy with appropriate acknowledgement of the Andhra Pradesh Transmission Corporation.

Contents

1. Sales	1
2. Purchases.....	2
3. Sales by Categories	4
3.1 Energy Sales by Category	4
3.2 Energy Sales by Voltage Level (MU).....	4
3.3 Collection by Category (Rs Cr).....	4
3.4 Bills by Category (Nos)	5
3.5 Average Revenue Realized by Category (Rs/kWh).....	5
3.6 Average Monthly Consumption by Category (kWh/Bill/Month)	6
3.7 Average Collection per Bill by Category (Rs/Bill/Month)	6
4. Purchase by Categories	7
4.1 Energy Purchased by Source (MU).....	7
4.2 Power Purchase Cost by Source (Rs Cr).....	7
4.3 Fixed Cost by Source (Rs Cr)	7
4.4 Variable Cost by Source (Rs Cr).....	8
4.5 Average Energy Cost per Unit by Source (Rs/kWh)	8
4.6 Fixed Cost per Unit by Source (Rs/kWh)	8
4.7 Variable Cost per Unit by Source (Rs/kWh).....	8
4.8 Power Purchase Cost by Voltage Level on Sales basis (Rs Cr).....	9
4.9 Cost of Service by Voltage Level on Sales basis (Rs Cr)	9
4.10 Losses by Voltage (MU)	9
4.11 Cost of Service by Voltage Level on Purchase Basis (Rs Cr).....	9
4.12 Average Cost of Service by Voltage Level (Rs/kWh)	9
5. Receivables	10
5.1 Income Estimates (Rs Cr)	10
5.2 Receivables during Month (Rs Cr)	10
5.3 Receivables YTD (Rs Cr)	10
6. Payables.....	12
6.1 Expenditure for FY23 (Rs Cr).....	12
6.2 Payables during the Month (Rs Cr).....	12
6.3 Payables YTD (Rs Cr)	13
7. Debt Servicing.....	14
7.1 Debt Servicing Schedule (Rs Cr)	14
7.2 Debt Servicing during the month (Rs Cr)	14
7.3 Debt Servicing YTD (Rs Cr).....	14

1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Energy (MU)								
1.01	Metered Sales	MU	4218 (81%)	4214 (80%)	0%	48527 (83%)	48977 (81%)	-1%
3.1.12	Agl Consumption	MU	963 (19%)	1025 (20%)	-6%	10030 (17%)	11354 (19%)	-12%
3.1.22	Discom Sales	MU	5181	5239	-1%	58557	60330	-3%
1.02	Private Sales	MU	3134 (60%)	3183 (61%)	-2%	37977 (65%)	38636 (64%)	-2%
1.03	Government Sales	MU	672 (13%)	675 (13%)	0%	6163 (11%)	6161 (10%)	0%
1.04	Government Subsidy	MU	1374 (27%)	1381 (26%)	-1%	14418 (25%)	15533 (26%)	-7%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	17675	19301	-8%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3215	2850	13%	32087	33512	-4%
5.2.7	Gov Sales	Rs Cr	207	166	25%	4282	2143	100%
5.2.1	Gov Subsidy	Rs Cr	1740	399	336%	11692	9859	19%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	5162	3415	51%	48061	45515	6%
1.07	Metered Sales	Rs Cr	3422	3011	12%	41677	36380	13%
3.3.12	Agl Consumption	Rs Cr	1743	404	331%	10786	9140	15%
1.08	Revenue from Sale	Rs Cr	4432	3913	13%	48583	44756	9%
1.09	Adj Revenue from Sale	Rs Cr	4518	3470	30%	48900	44572	10%
1.10	Closing Debtors	Rs Cr	16030	19774	-19%	16030	19774	-19%
1.11	Adj Closing Debtors	Rs Cr	16030	19774	-19%	16030	19774	-19%
KPIs								
3.5.22	ARR	Rs/kWh	9.97	6.52	53%	8.96	7.55	19%
3.6.22	AMC	kWh/bill/Mth	204	271	-25%	231	312	-26%
3.7.22	ACPB	Rs/bill/Mth	2034	1765	15%	2066	2352	-12%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5181 (85%)	5239 (82%)	-1%	58557 (91%)	60330 (90%)	-3%
2.01	Discom Losses	MU	386 (6%)	504 (8%)	-24%	4579 (7%)	4448 (7%)	3%
2.02	Discom Input	MU	5573 (92%)	5815 (91%)	-3%	61931 (96%)	63948 (95%)	-3%
4.10.4	Transmission Loss	MU	162 (3%)	177 (3%)	-9%	1659 (3%)	1732 (3%)	-4%
4.1.11	Discom Purchases	MU	6070	6391	-5%	64250	67107	-4%
4.2.11	Power Purchase Cost	Rs. Cr	3185 (77%)	3275 (71%)	-3%	33586 (73%)	36357 (75%)	-8%
Contracted Network Capacity (MW)								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	4199	0%	4199	4199	0%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	2.0	1.8	11%	1.8	1.9	-4%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.2	5.4	-41%	3.4	3.2	8%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	5.6	6.0	-7%	8.3	6.0	40%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	295 (7%)	276 (6%)	7%	2653 (6%)	2832 (6%)	-6%
2.10	CTU Cost	Rs Cr	134 (3%)	226 (5%)	-40%	1430 (3%)	1331 (3%)	7%
2.11	Distribution Network Cost	Rs Cr	542 (13%)	825 (18%)	-34%	8034 (18%)	8216 (17%)	-2%
2.12	O&M Cost	Rs Cr	355	521	-32%	5240	5241	0%
2.13	HR Cost	Rs Cr	293	439	-33%	4416	4448	-1%
2.14	A&G Cost	Rs Cr	9	24	-64%	209	196	6%
2.15	R & M Cost	Rs Cr	54	58	-7%	615	597	3%
2.16	Depreciation	Rs Cr	144	165	-12%	1800	1597	13%
2.17	ROCE	Rs Cr	0	82	-100%	391	619	-37%
2.18	Others	Rs Cr	43	57	-25%	603	759	-21%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	4157	4601	-10%	45704	48737	-6%
7.2.2	ERC Disallowed Debt	Rs Cr	2326	743	213%	23464	13870	69%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.25	5.12	2%	5.23	5.42	-4%
2.20	STU Cost per Unit	Rs/kWh	0.49	0.43	13%	0.41	0.42	-2%
2.21	CTU Cost per Unit	Rs/kWh	0.22	0.35	-37%	0.22	0.20	12%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.48	4.95	-70%	5.48	5.37	2%
2.22	Distribution Network Cost per Unit	Rs/kWh	0.89	1.29	-31%	1.25	1.22	2%
2.23	Cost of Service per Unit	Rs/kWh	6.85	7.20	-5%	7.11	7.26	-2%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	6.15	6.25	-2%	5.74	6.03	-5%
2.25	STU Cost per Unit	Rs/kWh	0.57	0.40	44%	0.45	0.47	-3%
2.26	CTU Cost per Unit	Rs/kWh	0.26	0.43	-40%	0.24	0.22	11%

2.27	Distribution Network Cost per Unit	Rs/kWh	1.05	1.57	-34%		1.37	1.36	1%
2.28	ACS	Rs/kWh	8.02	8.78	-9%		7.81	8.08	-3%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	4.49	1.42	217%		4.01	2.30	74%
AT&C Losses									
2.30	Collection η	%	100%	77%	31%		100%	91%	10%
2.31	Units Realized	MU	5180	4068	27%		57514	53915	7%
2.32	Units Unrealized	MU	393	1748	-77%		4417	10033	-56%
2.33	AT&C Losses	%	7%	30%	-77%		7%	16%	-55%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	1.95	-2.26	186%		1.15	-0.53	317%

*CTU charges are being charged on GNA from October-2023

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	44 (1%)	48 (1%)	-8%	295 (1%)	333 (1%)	-11%
3.1.2	31-75	250 (5%)	260 (5%)	-4%	1992 (3%)	2028 (3%)	-2%
3.1.3	76-125	350 (7%)	332 (6%)	5%	3529 (6%)	3497 (6%)	1%
3.1.4	126-225	377 (7%)	319 (6%)	18%	5114 (9%)	4909 (8%)	4%
3.1.5	226-400	129 (2%)	100 (2%)	28%	3461 (6%)	3138 (5%)	10%
3.1.6	>400	28 (1%)	34 (1%)	-19%	2094 (4%)	2100 (3%)	0%
3.1.7	LT-1	1177 (23%)	1093 (21%)	8%	16484 (28%)	16004 (27%)	3%
3.1.8	LT-2	289 (6%)	271 (5%)	6%	3426 (6%)	3267 (5%)	5%
3.1.9	LT-3	136 (3%)	129 (2%)	5%	1217 (2%)	1249 (2%)	-3%
3.1.10	LT-4	129 (2%)	129 (2%)	0%	1355 (2%)	1363 (2%)	-1%
3.1.11	LT-5	1283 (25%)	1302 (25%)	-1%	13293 (23%)	14571 (24%)	-9%
3.1.12	LT-5 A (ii)	963 (19%)	1025 (20%)	-6%	10030 (17%)	11354 (19%)	-12%
3.1.13	LT-5 excluding A(ii)	320 (6%)	277 (5%)	16%	3263 (6%)	3217 (5%)	1%
3.1.14	LT	3013 (58%)	2924 (56%)	3%	35775 (61%)	36455 (60%)	-2%
3.1.15	HT-1	5 (0%)	5 (0%)	2%	70 (0%)	63 (0%)	11%
3.1.16	HT-2	163 (3%)	156 (3%)	4%	1903 (3%)	1814 (3%)	5%
3.1.17	HT-3	1552 (30%)	1675 (32%)	-7%	16712 (29%)	17881 (30%)	-7%
3.1.18	HT-4	253 (5%)	253 (5%)	0%	2631 (4%)	2542 (4%)	4%
3.1.19	HT-5	166 (3%)	190 (4%)	-12%	1042 (2%)	1172 (2%)	-11%
3.1.20	Rescos	28 (1%)	36 (1%)	-21%	423 (1%)	404 (1%)	5%
3.1.21	HT	2168 (42%)	2315 (44%)	-6%	22782 (39%)	23876 (40%)	-5%
3.1.22	Discom Sales	5181	5239	-1%	58557	60330	-3%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3013	2924	3%	35775	36455	-2%
3.2.1	11KV	487	505	-4%	5283	5303	0%
3.2.2	33KV	553	578	-4%	5971	5988	0%
3.2.3	EHT	1128	1232	-8%	11479	12573	-9%
3.1.22	Discom Sales	5181	5239	-1%	58557	60330	-3%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	56 (1%)	45 (1%)	24%	324 (1%)	300 (1%)	8%
3.3.2	31-75	129 (2%)	111 (3%)	16%	787 (2%)	760 (2%)	4%
3.3.3	76-125	177 (3%)	150 (4%)	18%	1422 (3%)	1394 (3%)	2%
3.3.4	126-225	214 (4%)	174 (5%)	23%	2470 (5%)	2308 (5%)	7%
3.3.5	226-400	94 (2%)	73 (2%)	28%	2163 (4%)	2051 (5%)	5%
3.3.6	>400	41 (1%)	34 (1%)	20%	1617 (3%)	1995 (4%)	-19%
3.3.7	LT-1	710 (14%)	588 (17%)	21%	8784 (17%)	8808 (19%)	0%
3.3.8	LT-2	408 (8%)	355 (10%)	15%	4287 (8%)	4057 (9%)	6%
3.3.9	LT-3	143 (3%)	130 (4%)	10%	1453 (3%)	1312 (3%)	11%
3.3.10	LT-4	23 (0%)	22 (1%)	7%	2770 (5%)	590 (1%)	370%
3.3.11	LT-5	1864 (36%)	519 (15%)	259%	12531 (24%)	10778 (24%)	16%
3.3.12	LT-5 A (ii)	1743 (34%)	404 (12%)	331%	10786 (21%)	9140 (20%)	18%
3.3.13	LT-5 excluding A(ii)	121 (2%)	115 (3%)	6%	1745 (3%)	1638 (4%)	7%
3.3.14	LT	3148 (61%)	1614 (47%)	95%	29826 (57%)	25545 (56%)	17%
3.3.15	HT-1	6 (0%)	4 (0%)	57%	70 (0%)	52 (0%)	35%
3.3.16	HT-2	240 (5%)	197 (6%)	22%	2462 (5%)	2247 (5%)	10%
3.3.17	HT-3	1506 (29%)	1418 (42%)	6%	14262 (27%)	15674 (34%)	-9%

3.3.18	HT-4	229 (4%)	179 (5%)	28%	2630 (5%)	1895 (4%)	39%
3.3.19	HT-5	12 (0%)	2 (0%)	479%	3174 (6%)	91 (0%)	3379%
3.3.20	Rescos	23 (0%)	1 (0%)	-	39 (0%)	16 (0%)	144%
3.3.21	HT	2016 (39%)	1801 (53%)	12%	22637 (43%)	19975 (44%)	13%
3.3.22	Discom Collections	5164	3415	51%	52464	45521	15%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	4,381,455(17%)	4,248,401(22%)	3%	4,381,455(17%)	4,248,401(22%)	3%
3.4.2	31-75	4,783,778(19%)	4,831,105(25%)	-1%	4,783,778(19%)	4,831,105(25%)	-1%
3.4.3	76-125	3,588,341(14%)	3,454,470(18%)	4%	3,588,341(14%)	3,454,470(18%)	4%
3.4.4	126-225	2,338,007(9%)	2,172,159(11%)	8%	2,338,007(9%)	2,172,159(11%)	8%
3.4.5	226-400	470,328(2%)	418,221(2%)	12%	470,328(2%)	418,221(2%)	12%
3.4.6	>400	79,158(0%)	74,073(0%)	7%	79,158(0%)	74,073(0%)	7%
3.4.7	LT-1	15,641,067(62%)	15,198,429(79%)	3%	15,641,067(62%)	15,198,429(79%)	3%
3.4.8	LT-2	7,254,913(29%)	1,715,480(9%)	323%	7,254,913(29%)	1,715,480(9%)	323%
3.4.9	LT-3	80,696(0%)	81,271(0%)	-1%	80,696(0%)	81,271(0%)	-1%
3.4.10	LT-4	376,905(1%)	365,078(2%)	3%	376,905(1%)	365,078(2%)	3%
3.4.11	LT-5	2,026,972(8%)	1,979,619(10%)	2%	2,026,972(8%)	1,979,619(10%)	2%
3.4.12	LT-5 A (ii)	1,941,705(8%)	1,893,255(10%)	3%	1,941,705(8%)	1,893,255(10%)	3%
3.4.13	LT-5 excluding A(ii)	85,267(0%)	86,364(0%)	-1%	85,267(0%)	86,364(0%)	-1%
3.4.14	LT	25,380,553(100%)	19,339,877(100%)	31%	25,380,553(100%)	19,339,877(100%)	31%
3.4.15	HT-1	136(0%)	123(0%)	11%	136(0%)	123(0%)	11%
3.4.16	HT-2	5,745(0%)	5,164(0%)	11%	5,745(0%)	5,164(0%)	11%
3.4.17	HT-3	6,934(0%)	6,639(0%)	4%	6,934(0%)	6,639(0%)	4%
3.4.18	HT-4	883(0%)	868(0%)	2%	883(0%)	868(0%)	2%
3.4.19	HT-5	722(0%)	709(0%)	2%	722(0%)	709(0%)	2%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,421(0%)	13,504(0%)	7%	14,421(0%)	13,504(0%)	7%
3.4.22	Discom Bills	25,394,974	19,353,381	31%	25,394,974	19,353,381	31%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	12.76	9.45	35%	10.99	9.03	22%
3.5.2	31-75	5.15	4.29	20%	3.95	3.75	5%
3.5.3	76-125	5.05	4.51	12%	4.03	3.99	1%
3.5.4	126-225	5.68	5.46	4%	4.83	4.70	3%
3.5.5	226-400	7.32	7.30	0%	6.25	6.54	-4%
3.5.6	>400	14.65	9.93	48%	7.72	9.50	-19%
3.5.7	LT-1	6.03	5.38	12%	5.33	5.50	-3%
3.5.8	LT-2	14.14	13.12	8%	12.51	12.42	1%
3.5.9	LT-3	10.54	10.10	4%	11.94	10.50	14%
3.5.10	LT-4	1.78	1.66	7%	20.44	4.33	372%
3.5.11	LT-5	14.53	3.99	264%	9.43	7.40	27%
3.5.12	LT-5 A (ii)	18.10	3.95	359%	10.75	8.05	34%
3.5.13	LT-5 excluding A(ii)	3.79	4.14	-9%	5.35	5.09	5%
3.5.14	LT	10.45	5.52	89%	8.34	7.01	19%
3.5.15	HT-1	12.10	7.87	54%	10.00	8.21	22%
3.5.16	HT-2	14.73	12.65	16%	12.94	12.39	4%
3.5.17	HT-3	9.70	8.47	15%	8.53	8.77	-3%
3.5.18	HT-4	9.07	7.06	28%	10.00	7.46	34%
3.5.19	HT-5	0.74	0.11	560%	30.45	0.78	3813%
3.5.20	Rescos	8.09	0.40	-	0.93	0.40	133%
3.5.21	HT	9.30	7.78	20%	9.94	8.37	19%
3.5.22	ARR	9.97	6.52	53%	8.96	7.55	19%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	11	-11%	7	8	-14%
3.6.2	31-75	52	54	-3%	42	42	-1%
3.6.3	76-125	97	96	1%	98	101	-3%
3.6.4	126-225	161	147	10%	219	226	-3%
3.6.5	226-400	273	240	14%	736	750	-2%
3.6.6	>400	350	462	-24%	2645	2835	-7%
3.6.7	LT-1	75	72	5%	105	105	0%
3.6.8	LT-2	40	158	-75%	47	190	-75%
3.6.9	LT-3	1681	1588	6%	1508	1537	-2%
3.6.10	LT-4	342	354	-3%	360	373	-4%
3.6.11	LT-5	633	658	-4%	656	736	-11%
3.6.12	LT-5 A (ii)	496	541	-8%	517	600	-14%
3.6.13	LT-5 excluding A(ii)	3754	3207	17%	3827	3725	3%
3.6.14	LT	119	151	-21%	141	188	-25%
3.6.15	HT-1	37059	40163	-8%	51279	51285	0%
3.6.16	HT-2	28324	30163	-6%	33128	35121	-6%
3.6.17	HT-3	223877	252317	-11%	241020	269340	-11%
3.6.18	HT-4	286467	291671	-2%	298007	292806	2%
3.6.19	HT-5	230194	267489	-14%	144348	165320	-13%
3.6.20	Rescos	28380000	36070000	-21%	42309000	40377651	5%
3.6.21	HT	150312	171410	-12%	157977	176804	-11%
3.6.22	AMC	204	271	-25%	231	312	-26%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	128	106	20%	74	71	5%
3.7.2	31-75	270	231	17%	165	157	5%
3.7.3	76-125	493	433	14%	396	404	-2%
3.7.4	126-225	915	802	14%	1057	1062	-1%
3.7.5	226-400	2001	1752	14%	4599	4904	-6%
3.7.6	>400	5133	4587	12%	20428	26935	-24%
3.7.7	LT-1	454	387	17%	562	580	-3%
3.7.8	LT-2	562	2072	-73%	591	2365	-75%
3.7.9	LT-3	17725	16032	11%	18009	16143	12%
3.7.10	LT-4	609	589	3%	7350	1616	355%
3.7.11	LT-5	9197	2623	251%	6182	5445	14%
3.7.12	LT-5 A (ii)	8976	2136	320%	5555	4828	15%
3.7.13	LT-5 excluding A(ii)	14232	13293	7%	20463	18963	8%
3.7.14	LT	1240	835	49%	1175	1321	-11%
3.7.15	HT-1	448529	316260	42%	512731	421291	22%
3.7.16	HT-2	417180	381603	9%	428548	435198	-2%
3.7.17	HT-3	2171359	2135939	2%	2056852	2360851	-13%
3.7.18	HT-4	2597848	2060138	26%	2978839	2183352	36%
3.7.19	HT-5	171468	30183	468%	4395854	128655	3317%
3.7.20	Rescos	229500000	14400000	1494%	39385361	16140260	144%
3.7.21	HT	1398038	1333975	5%	1569756	1479220	6%
3.7.22	ACPB	2034	1765	15%	2066	2352	-12%

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	2946 (49%)	2502 (39%)	18%	2736 (42%)	8%	26347 (41%)	24022 (36%)	10%	28140 (42%)	-6%
4.1.2	State Hydrel	252 (4%)	186 (3%)	36%	230 (4%)	10%	3270 (5%)	1766 (3%)	85%	3345 (5%)	-2%
4.1.3	CGS	905 (15%)	1015 (16%)	-11%	862 (13%)	5%	9010 (14%)	9564 (14%)	-6%	8575 (13%)	5%
4.1.4	Gas	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	0 (0%)	- 100%	0 (0%)	-
4.1.5	IPPs	803 (13%)	841 (13%)	-4%	1197 (18%)	-33%	8136 (13%)	9021 (13%)	-10%	12022 (18%)	-32%
4.1.6	VRE-Wind	358 (6%)	389 (6%)	-8%	297 (5%)	20%	6400 (10%)	6946 (10%)	-8%	5866 (9%)	9%
4.1.7	VRE-Solar	550 (9%)	609 (10%)	-10%	1162 (18%)	-53%	5967 (9%)	5768 (9%)	3%	8107 (12%)	-26%
4.1.8	RE-Others	23 (0%)	23 (0%)	0%	30 (0%)	-24%	238 (0%)	217 (0%)	10%	294 (0%)	-19%
4.1.9	Markets	233 (4%)	827 (13%)	-72%	0 (0%)	-	4854 (8%)	9420 (14%)	-48%	1037 (2%)	368%
4.1.10	Others*	0 (0%)	0 (0%)	-	0 (0%)	-	27 (0%)	383 (1%)	-93%	0 (0%)	-
4.1.11	Discom Purchases	6070	6391	-5%	6514	-7%	64250	67107	-4%	67387	-5%

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	1634 (51%)	1291 (39%)	27%	1511 (49%)	8%	14947 (45%)	13542 (37%)	10%	15489 (50%)	-4%
4.2.2	State Hydrel	52 (2%)	54 (2%)	-3%	60 (2%)	-14%	548 (2%)	536 (1%)	2%	604 (2%)	-9%
4.2.3	CGS	587 (18%)	503 (15%)	17%	362 (12%)	62%	4941 (15%)	5137 (14%)	-4%	3622 (12%)	36%
4.2.4	Gas	1 (0%)	0 (0%)	-	2 (0%)	-47%	65 (0%)	0 (0%)	-	15 (0%)	335%
4.2.5	IPPs	375 (12%)	364 (11%)	3%	515 (17%)	-27%	3978 (12%)	4054 (11%)	-2%	5194 (17%)	-23%
4.2.6	VRE-Wind	138 (4%)	148 (5%)	-7%	140 (5%)	-1%	2963 (9%)	3194 (9%)	-7%	2757 (9%)	7%
4.2.7	VRE-Solar	245 (8%)	266 (8%)	-8%	444 (15%)	-45%	2720 (8%)	2577 (7%)	6%	3097 (10%)	-12%
4.2.8	RE-Others	13 (0%)	14 (0%)	-7%	19 (1%)	-32%	136 (0%)	134 (0%)	1%	190 (1%)	-29%
4.2.9	Markets	141 (4%)	634 (19%)	-78%	0 (0%)	-	3295 (10%)	7019 (19%)	-53%	277 (1%)	1090%
4.2.10	Others*	0 (0%)	1 (0%)	- 100%	0 (0%)	-	-6 (0%)	165 (0%)	-104%	0 (0%)	-
4.2.11	Power Purchase Cost	3185	3275	-3%	3052	4%	33586	36357	-8%	31246	7%

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	471	300	57%	521	-9%	4013	2802	43%	5207	-23%
4.3.2	State Hydrel	52	54	-3%	60	-14%	548	536	2%	604	-9%
4.3.3	CGS	116	116	1%	80	46%	1216	1228	-1%	798	52%
4.3.4	Gas	1	0	-	2	-47%	65	0	-	15	335%
4.3.5	IPPs	134	135	-1%	181	-26%	1454	1414	3%	1814	-20%
4.3.6	Others*	0	1	-100%	0	-	7	12	-38%	0	-
4.3.7	Fixed Cost	774	606	28%	844	-8%	7303	5992	22%	8438	-13%

*Others-GGPP has consumption for supplying electricity to its colonies and for trail runs of turbines. APDISCOMs are paying FC to GGPP.

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	1162	991	17%	990	17%	10934	10740	2%	10282	6%
4.4.2	CGS	471	387	22%	282	67%	3725	3909	-5%	2823	32%
4.4.3	Gas	0	0	-	0	-	0	0	-	0	-
4.4.4	IPPs	241	229	5%	333	-28%	2524	2639	-4%	3380	-25%
4.4.5	VRE-Wind	138	148	-7%	140	-1%	2963	3194	-7%	2757	7%
4.4.6	VRE-Solar	245	266	-8%	444	-45%	2720	2577	6%	3097	-12%
4.4.7	RE-Others	13	14	-3%	18	-28%	131	129	2%	179	-27%
4.4.8	Markets	141	634	-78%	0	-	3295	7018	-53%	277	1090%
4.4.9	Others*	0	0	-	0	-	-13	154	-109%	0	-
4.4.10	Variable Cost	2411	2669	-10%	2208	9%	26279	30359	-13%	22796	15%

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	5.55	5.16	7%	5.52	0%	5.67	5.64	1%	5.50	3%
4.5.2	State Hydel	2.05	2.88	-29%	2.62	-22%	1.67	3.03	-45%	1.81	-7%
4.5.3	CGS	6.49	4.95	31%	4.20	54%	5.48	5.37	2%	4.22	30%
4.5.4	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.5.5	IPPs	4.67	4.34	8%	4.30	9%	4.89	4.49	9%	4.32	13%
4.5.6	VRE-Wind	3.87	3.81	1%	4.70	-18%	4.63	4.60	1%	4.70	-2%
4.5.7	VRE-Solar	4.45	4.36	2%	3.82	17%	4.56	4.47	2%	3.82	19%
4.5.8	RE-Others	5.79	6.23	-7%	6.47	-11%	5.69	6.20	-8%	6.48	-12%
4.5.9	Markets	6.04	7.67	-21%	0.00	-	6.79	7.45	-9%	2.67	154%
4.5.10	Others*	0.00	0.00	-	0.00	-	-2.16	4.31	-150%	0.00	-
4.5.11	Weighted Average	5.25	5.12	2%	4.69	12%	5.23	5.42	-4%	4.64	13%

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	1.60	1.20	33%	1.90	-16%	1.52	1.17	31%	1.85	-18%
4.6.2	State Hydel	2.05	2.88	-29%	2.62	-22%	1.67	3.03	-45%	1.81	-7%
4.6.3	CGS	1.29	1.14	13%	0.93	39%	1.35	1.28	5%	0.93	45%
4.6.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.6.5	IPPs	1.67	1.61	4%	1.52	10%	1.79	1.57	14%	1.51	18%
4.6.6	Others*	0.00	0.00	-	0.00	-	2.66	0.30	778%	0.00	-
4.6.7	Average FC	1.28	0.95	34%	1.30	-2%	1.14	0.89	27%	1.25	-9%

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	3.95	3.96	0%	3.62	9%	4.15	4.47	-7%	3.65	14%
4.7.2	CGS	5.20	3.81	37%	3.28	59%	4.13	4.09	1%	3.29	26%
4.7.3	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.7.4	IPPs	3.00	2.72	10%	2.78	8%	3.10	2.93	6%	2.81	10%
4.7.5	VRE-Wind	3.87	3.81	1%	4.70	-18%	4.63	4.60	1%	4.70	-2%
4.7.6	VRE-Solar	4.45	4.36	2%	3.82	17%	4.56	4.47	2%	3.82	19%
4.7.7	RE-Others	5.79	6.23	-7%	6.47	-11%	5.69	6.20	-8%	6.48	-12%
4.7.8	Markets	6.04	7.67	-21%	0.00	-	6.79	7.45	-9%	2.67	154%
4.7.9	Others*	0.00	0.00	-	0.00	-	-4.81	4.01	-220%	0.00	-
4.7.10	Average VC	3.97	4.18	-5%	3.39	17%	4.09	4.52	-10%	3.38	21%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1852	1828	1%	20519	21969	-7%
4.8.2	11KV	299	316	-5%	3030	3196	-5%
4.8.3	33KV	340	361	-6%	3425	3609	-5%
4.8.4	EHT	693	770	-10%	6584	7577	-13%
4.2.11	Power Purchase Cost	3185	3275	-3%	33586	36357	-8%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2417	2568	-6%	27923	29450	-5%
4.9.2	11KV	391	444	-12%	4123	4284	-4%
4.9.3	33KV	444	508	-13%	4660	4838	-4%
4.9.4	EHT	905	1082	-16%	8959	10157	-12%
2.19	Cost of Service	4157	4601	-10%	45665	48728	-6%

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	143	202	-29%	1592	1373	16%
4.10.2	11KV	125	120	5%	1478	1423	4%
4.10.3	33KV	118	182	-36%	1509	1652	-9%
4.10.4	EHT	162	177	-9%	1659	1732	-4%
4.10.5	Loss	548	682	-20%	6238	6180	1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2504	2696	-7%	28828	30360	-5%
4.11.2	11KV	386	436	-11%	4075	4256	-4%
4.11.3	33KV	424	483	-12%	4452	4653	-4%
4.11.4	EHT	842	987	-15%	8309	9460	-12%
2.19	Cost of Service	4157	4601	-10%	45665	48728	-6%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	8.3	9.2	-10%	8.1	8.3	-3%
4.12.2	11KV	7.9	8.6	-8%	7.7	8.0	-4%
4.12.3	33KV	7.7	8.3	-8%	7.5	7.8	-4%
4.12.4	EHT	7.5	8.0	-7%	7.2	7.5	-4%
2.28	ACS	8.0	8.8	-9%	7.8	8.1	-3%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2580	3964	3408	4005	13957
5.1.2	Agriculture Subsidy	2213	3497	3307	3218	12235
5.1.3	Aquaculture Subsidy	367	467	100	123	1057
5.1.4	SC Colonies Subsidy	0	0	0	106	106
5.1.5	ST Thandas Subsidy	0	0	0	24	24
5.1.6	Other Subsidy	0	0	0	535	535
5.1.7	Govt Agencies	623	539	2912	1101	5175
5.1.8	Panchayats	63	19	1245	359	1686
5.1.9	WR Dept	15	0	663	285	964
5.1.10	ULB	69	18	274	152	513
5.1.11	Other Govt Dept	476	502	729	305	2012
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	10329	9562	8981	9417	38290
5.1.15	Total	13533	14065	15300	14523	57422
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	1546	1740	399	-194	336%	54%
5.2.2	Agriculture Subsidy	739	1161	1740	399	-579	336%	136%
5.2.3	Aquaculture Subsidy	62	81	0	0	81	-	-100%
5.2.4	SC Colonies Subsidy	53	59	0	0	59	-	-100%
5.2.5	ST Thandas Subsidy	12	12	0	0	12	-	-100%
5.2.6	Other Subsidy	267	233	0	0	233	-	-100%
5.2.7	Govt Agencies	447	687	207	166	480	25%	-54%
5.2.8	Panchayats	175	175	9	13	167	-33%	-95%
5.2.9	WR Dept	138	226	9	0	217	3272%	-94%
5.2.10	ULB	71	74	9	7	65	28%	-87%
5.2.11	Other Govt Dept	62	212	181	146	31	24%	191%
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	3322	3215	2850	107	13%	4%
5.2.15	Total	4680	5555	5162	3415	393	51%	10%
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	11324	13228	11692	9859	13927	12000	19%	3%
5.3.2	Agriculture Subsidy	9760	7388	10101	10758	9089	9103	10218	18%	46%
5.3.3	Aquaculture Subsidy	1460	615	682	934	563	1208	357	66%	52%
5.3.4	SC Colonies Subsidy	882	528	568	0	207	1450	586	-100%	-100%
5.3.5	ST Thandas Subsidy	277	119	115	0	0	392	124	-	-100%
5.3.6	Other Subsidy	12	2674	1762	0	0	1774	714	-	-100%
5.3.7	Govt Agencies	15166	4469	6238	4282	2143	17122	15242	100%	-4%
5.3.8	Panchayats	6654	1751	1808	1336	376	7126	6729	255%	-24%
5.3.9	WR Dept	7233	1383	1672	687	81	8218	7213	744%	-50%

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11508	9937	8955	9565	39966
6.1.2	State Thermal	4870	3961	4482	4847	18160
6.1.3	State Hydel	170	171	154	173	668
6.1.4	CGS	1561	1437	1355	1285	5638
6.1.5	IPPs Gas	0	0	64	4	68
6.1.6	IPPs Thermal	1245	1090	1269	1380	4984
6.1.7	VRE- Wind	909	1635	280	459	3284
6.1.8	VRE- Solar	1044	717	714	1227	3702
6.1.9	Other-NCE	40	44	38	50	172
6.1.10	Market	1637	876	642	141	3295
6.1.11	Other	32	5	-43	0	-6
6.1.12	CTU Cost	445	409	442	375	1671
6.1.13	STU Cost	751	806	801	970	3328
6.1.14	Distribution Cost	2624	2522	2346	2446	9938
6.1.15	O&M Cost	1625	1642	1618	1647	6532
6.1.16	HR Cost	1374	1395	1355	1350	5473
6.1.17	A&G Cost	64	68	68	67	267
6.1.18	R&M Cost	187	179	195	231	792
6.1.19	Depreciation	533	564	559	499	2155
6.1.20	ROCE	313	39	39	292	683
6.1.21	Others	153	277	131	8	568
6.1.22	Cost of Service	15328	13675	12544	13355	54902
7.1.1	Capex Debt service (P+I)	524	662	555	208	1949
7.1.2	Opex Debt service (P+I)	5958	7499	7382	2326	23165

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	3052	3185	4914	3162	-1729	55%	61%
6.2.2	State Thermal	1511	1634	3174	1413	-1540	125%	110%
6.2.3	State Hydel	60	52	55	54	-3	2%	-9%
6.2.4	CGS	362	587	696	510	-109	36%	92%
6.2.5	IPPs Gas	2	1	2	0	-1	-	33%
6.2.6	IPPs Thermal	515	375	409	431	-34	-5%	-21%
6.2.7	VRE- Wind	140	138	213	126	-75	69%	53%
6.2.8	VRE- Solar	444	245	149	125	96	19%	-66%
6.2.9	Other-NCE	19	13	17	2	-4	750%	-12%
6.2.10	Market	0	141	199	501	-58	-60%	-
6.2.11	Other	0	0	0	0	0	-	-
6.2.12	CTU Cost	120	134	175	75	-41	133%	45%
6.2.13	STU Cost	338	295	207	125	88	66%	-39%
6.2.14	Distribution Cost	952	542	701	676	-158	4%	-26%
6.2.15	O&M Cost	646	355	578	551	-222	5%	-11%
6.2.16	HR Cost	528	293	495	466	-202	6%	-6%
6.2.17	A&G Cost	29	9	24	28	-15	-15%	-18%
6.2.18	R&M Cost	88	54	59	57	-5	4%	-33%
6.2.19	Depreciation	177	144	61	55	0	11%	-65%
6.2.20	ROCE	146	0	13	0	0	-	-91%
6.2.21	Others	-17	43	49	70	-6	-31%	-380%
6.2.22	Cost of Service	4462	4157	5997	4038	-1840	49%	34%
7.2.1	Capex Debt service (P+I)	0	208	208	176	0	18%	-
7.2.2	Opex Debt service (P+I)	0	2326	2326	743	0	213%	-

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	31246	33586	38024	36867	2667	3683	3%	22%
6.3.2	State Thermal	-1261	15489	14947	18406	13560	-4720	2227	36%	19%
6.3.3	State Hydel	130	604	548	691	540	-13	122	28%	14%
6.3.4	CGS	1638	3622	4941	6379	6433	200	651	-1%	76%
6.3.5	IPPs Gas	83	15	65	3	3	145	0	0%	-80%
6.3.6	IPPs Thermal	1954	5194	3978	3591	4048	2341	206	-11%	-31%
6.3.7	VRE- Wind	1086	2757	2963	2995	4728	1054	386	-37%	9%
6.3.8	VRE- Solar	671	3097	2720	1346	1374	2045	91	-2%	-57%
6.3.9	Other-NCE	58	190	136	165	189	29	0	-13%	-13%
6.3.10	Market	2746	277	3295	4448	5992	1593	0	-26%	1507%
6.3.11	Other	0	0	-6	0	0	-6	0	-	-
6.3.12	CTU Cost	26	1203	1430	1411	1290	45	0	9%	17%
6.3.13	STU Cost	3182	3376	2653	2045	1754	3790	1876	17%	-39%
6.3.14	Distribution Cost	0	9517	8034	7194	6382	840	0	13%	-24%
6.3.15	O&M Cost	0	6458	5240	5627	5150	-387	0	9%	-13%
6.3.16	HR Cost	0	5284	4416	4846	4310	-430	0	12%	-8%
6.3.17	A&G Cost	0	291	209	224	238	-15	0	-6%	-23%
6.3.18	R&M Cost	0	883	615	556	602	59	0	-8%	-37%
6.3.19	Depreciation	0	1775	1800	882	458	0	0	93%	-50%
6.3.20	ROCE	0	1458	391	92	76	0	0	21%	-94%
6.3.21	Others	0	-174	603	593	698	10	0	-15%	-441%
6.3.22	Cost of Service	10313	45341	45704	48674	46293	7342	5559	5%	7%
7.3.1	Capex Debt service (P+I)	0	0	1949	1949	1544	0	0	26%	-
7.3.2	Opex Debt service (P+I)	0	0	23165	23464	13870	-299	0	69%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	524	662	555	208	1949
7.1.2	ERC disallowable-Opex Debt	5958	7499	7382	2326	23165
7.1.3	Debt Servicing	6482	8161	7937	2534	25114

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	208	208	176	0	18%	-
7.2.2	ERC disallowable-Opex Debt	0	2326	2326	743	0	213%	-
7.2.3	Debt Servicing	0	2534	2534	919	0	176%	-

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	1949	1949	1544	0	0	26%	-
7.3.2	ERC disallowable-Opex Debt	0	0	23165	23464	13870	-299	0	69%	-
7.3.3	Debt Servicing	0	0	25114	25413	15414	-299	0	65%	-

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	6302	6789	-7%	21292	19215	11%	27594	26004	6%
7.4.2	PFC	3477	3451	1%	25351	19852	28%	28828	23303	24%
7.4.3	APPFCL	0	0	-	8439	8584	-2%	8439	8584	-2%
7.4.4	BANKS	932	1104	-16%	1222	1609	-24%	2154	2713	-21%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2790	1990	40%	2790	1990	40%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	9	9	5%	0	0	-	9	9	5%
7.4.9	OTHERS	1834	1399	31%	2493	2902	-14%	4327	4301	1%
7.4.10	Debt Outstanding	12554	12752	-2%	61587	54152	14%	74141	66904	11%

Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) \times 100}{\text{Value in Last Year for given Category}}$
Apr-April, May-May, Jun-June, Jul-July, Aug-August, Sep-September, Oct- October, Nov- November, Dec- December, Jan- January, Feb- February, Mar- March	
FY	Financial Year Ending with March
Mth	Month
YTD	Year to Date
MU	Million Units (10 ⁶ Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 ³ V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) \times 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 ³ Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Financial Year
CY	Current Financial Year
Tariff Categories	
Category segregation for previous years are considered as per the categories mentioned in recent APERC Retail Supply Tariff Order irrespective of categories at that period and the sub categories are mentioned as below.	
0-30	LT Domestic Consumers with consumption < 30units in the month
31-75	LT Domestic Consumers with consumption > 30 units and <=75 units in the month
76-125	LT Domestic Consumers with consumption > 75 units and <=125 units in the month
126-225	LT Domestic Consumers with consumption > 125 units and <=225 units in the month
226-400	LT Domestic Consumers with consumption > 225 units and <=400 units in the month
>400	LT Domestic Consumers with consumption > 400units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)- Minor (<50kWh), Major (>50kWh), Advertising Hoardings, Function Halls/ Auditorium, Startup Power, Electric Vehicles/Charging Stations
LT-3	Industrial (LT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Seasonal Industries, Cottage Industries (<10HP)
LT-4	Institutional (LT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places
LT-5	Agriculture (LT)- Corporate Farming, Non-Corporate Farming, Salt Farming, Horticulture, Flora Culture, Sugarcane Crushing, Aqua Culture and Animal Husbandry, Agro based Cottage Industries
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)- Townships, Colonies, Gated Communities and Villas
HT-2	Commercial (HT)- Major, Function Halls/ Auditoriums, Startup power, Electric Vehicles/ Charging Stations, Green Power
HT-3	Industrial (HT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Industrial Colonies, Seasonal Industries, Energy Intensive Industries

HT-4	Institutional (HT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places, Electric Traction
HT-5	Agriculture (HT)-Aqua Culture and Animal Husbandry, Government/Private Lift irrigation
Rescos	Rural Electric Supply Cooperative Societies
Temporary Supply	There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed at the rate and other conditions specified in this order.
Categories not defined in either HT-Supply or LT-Supply shall be billed at the rates specified in Category - II (A) (ii) Commercial – Major Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)
IPPs	Independent Power Producers (Private Thermal- Coal)
VRE	Variable Renewable Energy
RE-Others	RE other than Wind and Solar
Markets	Power Procured from Exchanges and Open Markets
Others	Power procured from any other means other than markets
FC	Fixed Cost
VC	Variable Cost
CTU Cost	B=Expenditure for using Central Transmission Network for Transmission of Power
STU Cost	A=Expenditure for using State Transmission Network for Transmission of Power
Distribution Cost	C=Expenditure incurred to Discoms for wheeling of Energy through its Network (D+H+I+J)
O&M Cost	D=Operation and Maintenance Cost (E+F+G)
HR Cost	E=Human Resource Cost
A&G Cost	F=Admin and General Cost
R&M Cost	G=Repairs and Maintenance
Depreciation	H=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
ROCE	I=Return on Capital Employed
Others	J=Expenditure for Discoms other than O&M, Depreciation and ROCE
Cost of Service	Power Purchase Cost + CTU Cost + STU Cost+ Distribution Cost
Capex Debt service (P+I)	Expenditure incurred for Capex Debt (Principal + Interest)
Opex Debt service (P+I)	Expenditure incurred for Opex Debt (Principal +Interest)
Receivables Categories	
Subsidy	Receivable from Government Collected for Subsidy Sales
Agriculture Subsidy	Subsidy given for Agriculture Consumption
Aquaculture Subsidy	Subsidy given for Aquaculture Consumption
SC Colonies Subsidy	Subsidy given for SC Colonies Consumption
ST Thandas Subsidy	Subsidy given for ST Colonies Consumption
Other Subsidy	Subsidy given for any other Consumption
Govt Agencies	Receivable from Government Utilities
Panchayats	Receivable from Panchayats
WR Dept	Water Resources Department
ULB	Urban Local Bodies
Other Govt Dept	Receivables from other Gov Agencies
Govt serviced debt	Debt in books of the Discoms but servicing is being met by releases from Govt due to commitments in Uday or APPFCL loans
UDAY Receivables	Ujjwal DISCOM Assurance Yojana-Financial turnaround and revival package for electricity distribution companies of India initiated by the Government of India
Private Customers Receivables	Receivables Collected from Sales Consumed by Private users
Total	Total receivables
Opex Loans	Receivables as part of Opex Loans
Capex Loans	Receivables as part of Capex Loans
REC	Loans taken from Rural Electrification Corporation Limited

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

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

Glossary

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)

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

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