

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators April- 2021

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	4348 (79%)	3202 (75%)	36%	4348 (79%)	3202 (75%)	36%
3.1.9	Agl Consumption	MU	1184 (21%)	1049 (25%)	13%	1184 (21%)	1049 (25%)	13%
3.1.19	Discom Sales	MU	5532	4252	30%	5532	4252	30%
1.02	Private Sales	MU	3687 (67%)	2467 (58%)	49%	3687 (67%)	2467 (58%)	49%
1.03	Government Sales	MU	400 (7%)	319 (8%)	25%	400 (7%)	319 (8%)	25%
1.04	Government Subsidy	MU	1445 (26%)	1466 (34%)	-1%	1445 (26%)	1466 (34%)	-1%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	11673	8899	31%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	2329	1402	66%	2329	1402	66%
5.2.7	Gov Sales	Rs Cr	146	126	16%	146	126	16%
5.2.1	Gov Subsidy	Rs Cr	507	0	-	507	0	-
1.06	Others	Rs Cr	0	0	-	0	0	-
3.3.19	Discom Collections	Rs Cr	2981	1528	95%	2981	1528	95%
1.07	Metered Sales	Rs Cr	2468	1522	62%	2468	1522	62%
3.3.10	Agl Consumption	Rs Cr	511	5	9378%	511	5	9378%
1.08	Revenue from Sale	Rs Cr	3515	2754	28%	3515	2754	28%
1.09	Adj Revenue from Sale	Rs Cr	3523	2439	44%	3523	2439	44%
1.10	Closing Debtors	Rs Cr	12208	9454	29%	12208	9454	29%
1.11	Adj Closing Debtors	Rs Cr	12208	9454	29%	12208	9454	29%
KPIs								
3.5.19	ARR	Rs/kWh	5.39	3.59	50%	5.39	3.59	50%
3.6.19	AMC	kWh/bill/Mth	303	239	27%	303	239	27%
3.7.19	ACPB	Rs/bill/Mth	1629	858	90%	1629	858	90%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.19	Discom Sales	MU	5532 (89%)	4252 (89%)	30%	5532 (89%)	4252 (89%)	30%
2.01	Discom Losses	MU	476 (8%)	406 (8%)	17%	476 (8%)	406 (8%)	17%
2.02	Discom Input	MU	6008 (96%)	4658 (97%)	29%	6008 (96%)	4658 (97%)	29%
2.03	Transmission Loss	MU	189 (3%)	204 (4%)	-8%	189 (3%)	204 (4%)	-8%
4.1.11	Discom Purchases	MU	6227	4793	30%	6227	4793	30%
4.2.11	Power Purchase Cost	Rs. Cr	2564 (71%)	2081 (71%)	23%	2564 (71%)	2081 (71%)	23%
Contracted Network Capacity (MW)								
2.04	STU	MW	12843	11909	8%	12843	11909	8%
2.05	CTU	MW	1721	2203	-22%	1721	2203	-22%
2.06	Distribution	MW	11090	10365	7%	11090	10365	7%
Capacity Charges								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.6	1.2	33%	1.6	1.2	33%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.3	3.7	-11%	3.3	3.7	-11%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.7	5.8	16%	6.7	5.8	16%
Network Cost (Rs. Cr)								
2.10	STU Cost	Rs Cr	207 (6%)	149 (5%)	40%	207 (6%)	149 (5%)	40%
2.11	CTU Cost	Rs Cr	56 (2%)	81 (3%)	-31%	56 (2%)	81 (3%)	-31%
2.12	Distribution Network Cost	Rs Cr	738 (21%)	600 (20%)	23%	738 (21%)	600 (20%)	23%
2.13	O&M Cost	Rs Cr	481	389	23%	481	389	23%
2.14	HR Cost	Rs Cr	376	355	6%	376	355	6%
2.15	A&G Cost	Rs Cr	21	21	2%	21	21	2%
2.16	R & M Cost	Rs Cr	84	14	514%	84	14	514%
2.17	Depreciation	Rs Cr	111	106	5%	111	106	5%
2.18	ROCE	Rs Cr	106	66	60%	106	66	60%
2.19	Others	Rs Cr	40	38	7%	40	38	7%
2.20	Network Cost	Rs Cr	1002 (28%)	829 (28%)	21%	1002 (28%)	829 (28%)	21%
Retail Supply Cost (Rs. Cr)								
2.21	B&C Cost and Supply Margin	Rs Cr	8	7	5%	8	7	5%
2.22	Interest on Security Deposits	Rs Cr	19	16	16%	19	16	16%
2.23	Retail Supply Cost	Rs Cr	26 (1%)	23 (1%)	12%	26 (1%)	23 (1%)	12%
Cost of Service (Rs. Cr)								
2.24	Cost of Service	Rs Cr	3592	2934	22%	3592	2934	22%
7.2.2	ERC Disallowed Debt	Rs Cr	1932	0	-	1932	0	-
KPIs on Purchase basis								
2.25	Energy Cost on Purchase Basis	Rs/kWh	4.12	4.34	-5%	4.12	4.34	-5%
2.26	STU Cost per Unit	Rs/kWh	0.33	0.31	7%	0.33	0.31	7%
2.27	CTU Cost per Unit	Rs/kWh	0.09	0.17	-47%	0.09	0.17	-47%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.52	0.78	-34%	0.52	0.78	-34%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.19	1.25	-5%	1.19	1.25	-5%
2.29	Network Cost per Unit	Rs/kWh	1.61	1.89	-15%	1.61	1.73	-7%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.04	0.05	-13%	0.04	0.05	-13%
2.31	Cost of Service per Unit	Rs/kWh	5.77	6.12	-6%	5.77	6.12	-6%
KPIs on Sales basis								
2.32	Energy Cost on Sales Basis	Rs/kWh	4.63	4.89	-5%	4.63	4.89	-5%
2.33	STU Cost per Unit	Rs/kWh	0.37	0.53	-29%	0.37	0.35	7%

2.34	CTU Cost per Unit	Rs/kWh	0.10	0.19	-47%		0.10	0.19	-47%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.33	1.41	-5%		1.33	1.41	-5%
2.36	Network Cost per Unit	Rs/kWh	1.81	1.95	-7%		1.81	1.95	-7%
2.37	Retail Supply Cost per Unit	Rs/kWh	0.05	0.05	-14%		0.05	0.05	-14%
2.38	ACS	Rs/kWh	6.49	6.90	-6%		6.49	6.90	-6%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	3.49	0.00	-		3.49	0.00	-
AT&C Losses									
2.40	Collection η	%	85%	68%	24%		85%	68%	24%
2.41	Units Realized	MU	4692	2841	65%		4692	2841	65%
2.42	Units Unrealized	MU	1301	1719	-24%		1301	1719	-24%
2.43	AT&C Losses	%	22%	38%	-42%		22%	38%	-42%
ACS-ARR GAP									
2.44	GAP	Rs/kWh	-1.11	-3.31	-67%		-1.11	-3.31	-67%

3. Sales by Categories

3.1 Energy Sales by Category (MU)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	292 (5%)	335 (8%)	-13%	292 (5%)	335 (8%)	-13%
3.1.2	LT-1B	810 (15%)	698 (16%)	16%	810 (15%)	698 (16%)	16%
3.1.3	LT-1C	441 (8%)	317 (7%)	39%	441 (8%)	317 (7%)	39%
3.1.4	LT-1	1542 (28%)	1350 (32%)	14%	1542 (28%)	1350 (32%)	14%
3.1.5	LT-2	277 (5%)	222 (5%)	25%	277 (5%)	222 (5%)	25%
3.1.6	LT-3	142 (3%)	102 (2%)	40%	142 (3%)	102 (2%)	40%
3.1.7	LT-4	124 (2%)	120 (3%)	3%	124 (2%)	120 (3%)	3%
3.1.8	LT-5	1538 (28%)	1350 (32%)	14%	1538 (28%)	1350 (32%)	14%
3.1.9	LT-5 A (ii)	1184 (21%)	1049 (25%)	13%	1184 (21%)	1049 (25%)	13%
3.1.10	LT-5 excluding A(ii)	354 (6%)	300 (7%)	18%	354 (6%)	300 (7%)	18%
3.1.11	LT	3623 (65%)	3144 (74%)	15%	3623 (65%)	3144 (74%)	15%
3.1.12	HT-1	6 (0%)	5 (0%)	8%	6 (0%)	5 (0%)	8%
3.1.13	HT-2	133 (2%)	89 (2%)	50%	133 (2%)	89 (2%)	50%
3.1.14	HT-3	1458 (26%)	672 (16%)	117%	1458 (26%)	672 (16%)	117%
3.1.15	HT-4	179 (3%)	97 (2%)	84%	179 (3%)	97 (2%)	84%
3.1.16	HT-5	79 (1%)	174 (4%)	-54%	79 (1%)	174 (4%)	-54%
3.1.17	Rescos	55 (1%)	71 (2%)	-24%	55 (1%)	71 (2%)	-24%
3.1.18	HT	1910 (35%)	1108 (26%)	72%	1910 (35%)	1108 (26%)	72%
3.1.19	Discom Sales	5532	4252	30%	5532	4252	30%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3623	3144	15%	3623	3144	15%
3.2.2	11KV	492	376	31%	492	376	31%
3.2.3	33KV	567	272	108%	567	272	108%
3.2.4	EHT	851	461	85%	851	461	85%
3.1.19	Discom Sales	5533	4253	30%	5533	4253	30%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	82 (3%)	70 (5%)	17%	82 (3%)	70 (5%)	17%
3.3.2	LT-1B	235 (8%)	165 (11%)	43%	235 (8%)	165 (11%)	43%
3.3.3	LT-1C	199 (7%)	83 (5%)	139%	199 (7%)	83 (5%)	139%
3.3.4	LT-1	517 (17%)	318 (21%)	62%	517 (17%)	318 (21%)	62%
3.3.5	LT-2	290 (10%)	208 (14%)	39%	290 (10%)	208 (14%)	39%
3.3.6	LT-3	117 (4%)	72 (5%)	61%	117 (4%)	72 (5%)	61%
3.3.7	LT-4	36 (1%)	40 (3%)	-10%	36 (1%)	40 (3%)	-10%
3.3.8	LT-5	639 (21%)	99 (7%)	543%	639 (21%)	99 (7%)	543%
3.3.9	LT-5 A (ii)	511 (17%)	5 (0%)	9378%	511 (17%)	5 (0%)	9378%
3.3.10	LT-5 excluding A(ii)	127 (4%)	94 (6%)	35%	127 (4%)	94 (6%)	35%
3.3.11	LT	1598 (54%)	738 (48%)	116%	1598 (54%)	738 (48%)	116%
3.3.12	HT-1	5 (0%)	3 (0%)	61%	5 (0%)	3 (0%)	61%
3.3.13	HT-2	135 (5%)	118 (8%)	14%	135 (5%)	118 (8%)	14%
3.3.14	HT-3	1115 (37%)	577 (38%)	93%	1115 (37%)	577 (38%)	93%
3.3.15	HT-4	116 (4%)	73 (5%)	60%	116 (4%)	73 (5%)	60%
3.3.16	HT-5	6 (0%)	17 (1%)	-65%	6 (0%)	17 (1%)	-65%
3.3.17	Rescos	4 (0%)	2 (0%)	195%	4 (0%)	2 (0%)	195%
3.3.18	HT	1381 (46%)	789 (52%)	75%	1381 (46%)	789 (52%)	75%
3.3.19	Discom Collections	2979	1527	95%	2979	1527	95%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	68,54,591(37%)	72,01,069(40%)	-5%	68,54,591(37%)	72,01,069(40%)	-5%
3.4.2	LT-1B	62,46,419(34%)	58,73,975(33%)	6%	62,46,419(34%)	58,73,975(33%)	6%
3.4.3	LT-1C	13,93,633(8%)	11,07,929(6%)	26%	13,93,633(8%)	11,07,929(6%)	26%
3.4.4	LT-1	1,44,94,643(79%)	1,41,82,973(80%)	2%	1,44,94,643(79%)	1,41,82,973(80%)	2%
3.4.5	LT-2	15,71,568(9%)	14,98,836(8%)	5%	15,71,568(9%)	14,98,836(8%)	5%
3.4.6	LT-3	94,748(1%)	92,237(1%)	3%	94,748(1%)	92,237(1%)	3%
3.4.7	LT-4	3,34,470(2%)	3,09,695(2%)	8%	3,34,470(2%)	3,09,695(2%)	8%
3.4.8	LT-5	17,79,085(10%)	17,10,577(10%)	4%	17,79,085(10%)	17,10,577(10%)	4%
3.4.9	LT-5 A (ii)	17,02,405(9%)	16,21,416(9%)	5%	17,02,405(9%)	16,21,416(9%)	5%
3.4.10	LT-5 excluding A(ii)	76,680(0%)	89,161(1%)	-14%	76,680(0%)	89,161(1%)	-14%
3.4.11	LT	1,82,74,514(100%)	1,77,94,318(100%)	3%	1,82,74,514(100%)	1,77,94,318(100%)	3%
3.4.12	HT-1	106(0%)	101(0%)	5%	106(0%)	101(0%)	5%
3.4.13	HT-2	4,272(0.02%)	4,102(0.02%)	4%	4,272(0.02%)	4,102(0.02%)	4%
3.4.14	HT-3	6,141(0.03%)	5,713(0.03%)	7%	6,141(0.03%)	5,713(0.03%)	7%
3.4.15	HT-4	613(0%)	605(0%)	1%	613(0%)	605(0%)	1%
3.4.16	HT-5	698(0%)	939(0.01%)	-26%	698(0%)	939(0.01%)	-26%
3.4.17	Rescos	82(0%)	72(0%)	14%	82(0%)	72(0%)	14%
3.4.18	HT	11,912(0.07%)	11,532(0.06%)	3%	11,912(0.07%)	11,532(0.06%)	3%
3.4.19	Discom Bills	1,82,86,426	1,78,05,850	3%	1,82,86,426	1,78,05,850	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	2.83	2.10	35%	2.83	2.10	35%
3.5.2	LT-1B	2.91	2.36	23%	2.91	2.36	23%
3.5.3	LT-1C	4.52	2.63	72%	4.52	2.63	72%
3.5.4	LT-1	3.35	2.36	42%	3.35	2.36	42%
3.5.5	LT-2	10.49	9.41	11%	10.49	9.41	11%
3.5.6	LT-3	8.21	7.12	15%	8.21	7.12	15%
3.5.7	LT-4	2.90	3.29	-12%	2.90	3.29	-12%
3.5.8	LT-5	4.15	0.74	464%	4.15	0.74	464%
3.5.9	LT-5 A (ii)	4.32	0.05	8300%	4.32	0.05	8300%
3.5.10	LT-5 excluding A(ii)	3.59	3.13	15%	3.59	3.13	15%
3.5.11	LT	4.41	2.35	88%	4.41	2.35	88%
3.5.12	HT-1	8.09	5.41	50%	8.09	5.41	50%
3.5.13	HT-2	10.17	13.34	-24%	10.17	13.34	-24%
3.5.14	HT-3	7.65	8.60	-11%	7.65	8.60	-11%
3.5.15	HT-4	6.46	7.44	-13%	6.46	7.44	-13%
3.5.16	HT-5	0.74	0.95	-23%	0.74	0.95	-23%
3.5.17	Rescos	0.82	0.21	285%	0.82	0.21	285%
3.5.18	HT	7.23	7.12	2%	7.23	7.12	2%
3.5.19	ARR	5.39	3.59	50%	5.39	3.59	50%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	43	47	-9%	43	47	-9%
3.6.2	LT-1B	130	119	9%	130	119	9%
3.6.3	LT-1C	316	286	10%	316	286	10%
3.6.4	LT-1	106	95	12%	106	95	12%
3.6.5	LT-2	176	148	19%	176	148	19%

3.6.6	LT-3	1501	1103	36%	1501	1103	36%
3.6.7	LT-4	369	389	-5%	369	389	-5%
3.6.8	LT-5	865	789	10%	865	789	10%
3.6.9	LT-5 A (ii)	696	647	7%	696	647	7%
3.6.10	LT-5 excluding A(ii)	4618	3369	37%	4618	3369	37%
3.6.11	LT	198	177	12%	198	177	12%
3.6.12	HT-1	53758	52464	2%	53758	52464	2%
3.6.13	HT-2	31124	21633	44%	31124	21633	44%
3.6.14	HT-3	237416	117539	102%	237416	117539	102%
3.6.15	HT-4	292285	161056	81%	292285	161056	81%
3.6.16	HT-5	113411	185147	-39%	113411	185147	-39%
3.6.17	Rescos	666750	992631	-33%	666750	992631	-33%
3.6.18	HT	160312	96107	67%	160312	96107	67%
3.6.19	AMC	303	239	27%	303	239	27%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	120	98	23%	120	98	23%
3.7.2	LT-1B	377	280	34%	377	280	34%
3.7.3	LT-1C	1429	752	90%	1429	752	90%
3.7.4	LT-1	357	225	59%	357	225	59%
3.7.5	LT-2	1846	1391	33%	1846	1391	33%
3.7.6	LT-3	12323	7856	57%	12323	7856	57%
3.7.7	LT-4	1071	1280	-16%	1071	1280	-16%
3.7.8	LT-5	3590	581	518%	3590	581	518%
3.7.9	LT-5 A (ii)	3004	33	8927%	3004	33	8927%
3.7.10	LT-5 excluding A(ii)	16598	10538	57%	16598	10538	57%
3.7.11	LT	875	415	111%	875	415	111%
3.7.12	HT-1	435009	283683	53%	435009	283683	53%
3.7.13	HT-2	316450	288599	10%	316450	288599	10%
3.7.14	HT-3	1816035	1010379	80%	1816035	1010379	80%
3.7.15	HT-4	1889551	1198435	58%	1889551	1198435	58%
3.7.16	HT-5	83377	176595	-53%	83377	176595	-53%
3.7.17	Rescos	546378	211111	159%	546378	211111	159%
3.7.18	HT	1159465	684257	69%	1159465	684257	69%
3.7.19	ACPB	1629	858	90%	1629	858	90%

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	1928 (31%)	604 (13%)	219%	2605 (47%)	-26%	1928 (31%)	604 (13%)	219%	2605 (47%)	-26%
4.1.2	State Hydrel	215 (3%)	200 (4%)	8%	218 (4%)	-1%	215 (3%)	200 (4%)	8%	218 (4%)	-1%
4.1.3	CGS	1083 (17%)	1035 (22%)	5%	1126 (20%)	-4%	1083 (17%)	1035 (22%)	5%	1126 (20%)	-4%
4.1.4	Gas	122 (2%)	324 (7%)	-62%	94 (2%)	29%	122 (2%)	324 (7%)	-62%	94 (2%)	29%
4.1.5	IPPs	163 (3%)	515 (11%)	-68%	137 (2%)	19%	163 (3%)	515 (11%)	-68%	137 (2%)	19%
4.1.6	VRE-Wind	358 (6%)	369 (8%)	-3%	438 (8%)	-18%	358 (6%)	369 (8%)	-3%	438 (8%)	-18%
4.1.7	VRE-Solar	643 (10%)	658 (14%)	-2%	859 (16%)	-25%	643 (10%)	658 (14%)	-2%	859 (16%)	-25%
4.1.8	RE-Others	21 (0%)	18 (0%)	19%	30 (1%)	-28%	21 (0%)	18 (0%)	19%	30 (1%)	-28%
4.1.9	Markets	1680 (27%)	1053 (22%)	60%	0 (0%)	-	1680 (27%)	1053 (22%)	60%	0 (0%)	-
4.1.10	Others	12 (0%)	17 (0%)	-30%	0 (0%)	-	12 (0%)	17 (0%)	-30%	0 (0%)	-
4.1.11	Discom Purchases	6227	4793	30%	5508	13%	6227	4793	30%	5508	13%

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	854 (33%)	477 (23%)	79%	1226 (57%)	-30%	854 (33%)	477 (23%)	79%	1226 (57%)	-30%
4.2.2	State Hydrel	51 (2%)	50 (2%)	2%	51 (2%)	0%	51 (2%)	50 (2%)	2%	51 (2%)	0%
4.2.3	CGS	421 (16%)	432 (21%)	-3%	456 (21%)	-8%	421 (16%)	432 (21%)	-3%	456 (21%)	-8%
4.2.4	Gas	29 (1%)	85 (4%)	-65%	22 (1%)	31%	29 (1%)	85 (4%)	-65%	22 (1%)	31%
4.2.5	IPPs	61 (2%)	207 (10%)	-71%	55 (3%)	10%	61 (2%)	207 (10%)	-71%	55 (3%)	10%
4.2.6	VRE-Wind	170 (7%)	174 (8%)	-3%	106 (5%)	59%	170 (7%)	174 (8%)	-3%	106 (5%)	59%
4.2.7	VRE-Solar	280 (11%)	298 (14%)	-6%	214 (10%)	31%	280 (11%)	298 (14%)	-6%	214 (10%)	31%
4.2.8	RE-Others	13 (1%)	10 (0%)	35%	15 (1%)	-15%	13 (1%)	10 (0%)	35%	15 (1%)	-15%
4.2.9	Markets	675 (26%)	351 (17%)	92%	0 (0%)	340511%	675 (26%)	351 (17%)	92%	0 (0%)	340511%
4.2.10	Others	10 (0%)	-4 (0%)	- 338%	0 (0%)	-	10 (0%)	-4 (0%)	-338%	0 (0%)	-
4.2.11	Power Purchase Cost	2564	2081	23%	2147	19%	2564	2081	23%	2147	19%

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	234	275	-15%	352	-33%	234	275	-15%	352	-33%
4.3.2	State Hydrel	51	50	2%	51	0%	51	50	2%	51	0%
4.3.3	CGS	114	111	3%	125	-9%	114	111	3%	125	-9%
4.3.4	Gas	2	1	135%	2	13%	2	1	135%	2	13%
4.3.5	IPPs	23	56	-60%	23	-3%	23	56	-60%	23	-3%
4.3.6	Fixed Cost	423	493	-14%	553	-23%	423	493	-14%	553	-23%

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	620	202	207%	874	-29%	620	202	207%	874	-29%
4.4.2	CGS	307	321	-4%	331	-7%	307	321	-4%	331	-7%
4.4.3	Gas	27	84	-67%	21	32%	27	84	-67%	21	32%
4.4.4	IPPs	38	151	-75%	32	20%	38	151	-75%	32	20%
4.4.5	VRE-Wind	170	174	-3%	106	59%	170	174	-3%	106	59%
4.4.6	VRE-Solar	280	298	-6%	214	31%	280	298	-6%	214	31%
4.4.7	RE-Others	13	10	35%	15	-15%	13	10	35%	15	-15%
4.4.8	Markets	675	351	92%	0	340511%	675	351	92%	0	340511%
4.4.9	Variable Cost	2130	1592	34%	1594	34%	2130	1592	34%	1594	34%

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	4.43	7.90	-44%	4.71	-6%	4.43	7.90	-44%	4.71	-6%
4.5.2	State Hydel	2.38	2.50	-5%	2.34	1%	2.38	2.50	-5%	2.34	1%
4.5.3	CGS	3.89	4.18	-7%	4.05	-4%	3.89	4.18	-7%	4.05	-4%
4.5.4	Gas	2.41	2.62	-8%	2.38	1%	2.41	2.62	-8%	2.38	1%
4.5.5	IPPs	3.73	4.02	-7%	4.03	-7%	3.73	4.02	-7%	4.03	-7%
4.5.6	VRE-Wind	4.73	4.73	0%	2.43	95%	4.73	4.73	0%	2.43	95%
4.5.7	VRE-Solar	4.35	4.52	-4%	2.49	75%	4.35	4.52	-4%	2.49	75%
4.5.8	RE-Others	6.01	5.28	14%	5.14	17%	6.01	5.28	14%	5.14	17%
4.5.9	Markets	4.02	3.34	20%	0.00	-	4.02	3.34	20%	0.00	-
4.5.10	Others	8.34	-2.44	-441%	0.00	-	8.34	-2.44	-441%	0.00	-
4.5.11	Weighted Average	4.12	4.34	-5%	3.90	6%	4.12	4.34	-5%	3.90	6%

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	1.21	4.56	-73%	1.35	-10%	1.21	4.56	-73%	1.35	-10%
4.6.2	State Hydel	2.38	2.50	-5%	2.34	1%	2.38	2.50	-5%	2.34	1%
4.6.3	CGS	1.05	1.07	-2%	1.11	-5%	1.05	1.07	-2%	1.11	-5%
4.6.4	Gas	0.15	0.02	524%	0.18	-13%	0.15	0.02	524%	0.18	-13%
4.6.5	IPPs	1.38	1.08	28%	1.70	-19%	1.38	1.08	28%	1.70	-19%
4.6.6	Average FC	0.70	1.02	-32%	1.00	-31%	0.70	1.02	-32%	1.00	-31%

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	3.21	3.34	-4%	3.36	-4%	3.21	3.34	-4%	3.36	-4%
4.7.2	CGS	2.84	3.11	-9%	2.94	-3%	2.84	3.11	-9%	2.94	-3%
4.7.3	Gas	2.25	2.60	-13%	2.20	2%	2.25	2.60	-13%	2.20	2%
4.7.4	IPPs	2.35	2.94	-20%	2.33	1%	2.35	2.94	-20%	2.33	1%
4.7.5	VRE-Wind	4.73	4.73	0%	2.43	95%	4.73	4.73	0%	2.43	95%
4.7.6	VRE-Solar	4.35	4.52	-4%	2.49	75%	4.35	4.52	-4%	2.49	75%
4.7.7	RE-Others	6.01	5.28	14%	5.14	17%	6.01	5.28	14%	5.14	17%
4.7.8	Markets	4.02	3.34	20%	0.00	-	4.02	3.34	20%	0.00	-
4.7.9	Average VC	3.42	3.32	3%	2.89	18%	3.42	3.32	3%	2.89	18%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1679	1538	9%	1679	1538	9%
4.8.2	11KV	228	184	24%	228	184	24%
4.8.3	33KV	263	133	97%	263	133	97%
4.8.4	EHT	394	225	75%	394	225	75%
4.2.11	Power Purchase Cost	2564	2081	23%	2564	2081	23%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	656	613	7%	656	613	7%
4.9.2	11KV	89	73	21%	89	73	21%
4.9.3	33KV	103	53	93%	103	53	93%
4.9.4	EHT	154	90	72%	154	90	72%
2.20	Network Cost	1002	829	21%	1002	829	21%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	17	17	0%	17	17	0%
4.10.2	11KV	2	2	13%	2	2	13%
4.10.3	33KV	3	1	80%	3	1	80%
4.10.4	EHT	4	3	60%	4	3	60%
2.23	Retail Supply Cost	26	23	12%	26	23	12%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2352	2169	8%	2352	2169	8%
4.11.2	11KV	319	259	23%	319	259	23%
4.11.3	33KV	368	188	96%	368	188	96%
4.11.4	EHT	552	318	74%	552	318	74%
2.24	Cost of Service	3592	2934	22%	3592	2934	22%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	114	113	1%	114	113	1%
4.12.2	11KV	157	143	10%	157	143	10%
4.12.3	33KV	205	150	36%	205	150	36%
4.12.4	EHT	189	204	-8%	189	204	-8%
4.12.5	Loss	664	610	9%	664	610	9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2413	2210	9%	2413	2210	9%
4.13.2	11KV	318	255	24%	318	255	24%
4.13.3	33KV	353	178	98%	353	178	98%
4.13.4	EHT	509	290	75%	509	290	75%
2.24	Cost of Service	3592	2934	22%	3592	2934	22%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	6.7	7.0	-5%	6.7	7.0	-5%
4.14.2	11KV	6.5	6.8	-5%	6.5	6.8	-5%
4.14.3	33KV	6.2	6.5	-5%	6.2	6.5	-5%
4.14.4	EHT	6.0	6.3	-5%	6.0	6.3	-5%
2.37	ACS	6.5	6.9	-6%	6.5	6.9	-6%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2249	2247	2237	2234	8966
5.1.2	Agriculture Subsidy	1824	1824	1824	1824	7297
5.1.3	Aquaculture Subsidy	244	225	208	212	889
5.1.4	SC Colonies Subsidy	120	133	138	133	524
5.1.5	ST Thandas Subsidy	23	25	27	26	101
5.1.6	Other Subsidy	37	39	39	39	154
5.1.7	Govt Agencies	1328	1241	1186	1121	4876
5.1.8	Panchayats	320	338	333	323	1314
5.1.9	WR Dept	371	386	351	304	1411
5.1.10	ULB	150	131	129	125	536
5.1.11	Other Govt Dept	487	386	373	369	1615
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	6492	6776	6524	6253	26045
5.1.15	Total	10069	10263	9947	9608	39888
5.1.16	Opex Loans	3550	0	0	0	3550
5.1.17	Capex Loans	21	0	0	0	21

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	DEMAND	COLLECTIONS		BALANCE	% ↑	% δ ERC
				CY	PY			
5.2.1	Subsidy	736	742	507	0	235	-	-31%
5.2.2	Agriculture Subsidy	608	608	507	0	101	-	-17%
5.2.3	Aquaculture Subsidy	77	89	0	0	89	-	-100%
5.2.4	SC Colonies Subsidy	42	37	0	0	37	-	-100%
5.2.5	ST Thandas Subsidy	8	8	0	0	8	-	-100%
5.2.6	Other Subsidy	1	1	0	0	1	-	-100%
5.2.7	Govt Agencies	365	472	146	126	326	16%	-60%
5.2.8	Panchayats	103	116	22	10	94	119%	-79%
5.2.9	WR Dept	97	166	3	1	164	253%	-97%
5.2.10	ULB	41	59	22	43	37	-49%	-47%
5.2.11	Other Govt Dept	124	131	100	72	32	37%	-20%
5.2.12	Govt serviced debt	0	105	69	39	36	79%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2190	2420	2329	1402	92	66%	6%
5.2.15	Total	3291	3739	3050	1567	689	95%	-7%
5.2.16	Opex Loans	0	3550	3550	250	0	1320%	-
5.2.17	Capex Loans	0	21	21	23	0	-9%	-

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	736	742	507	0	14269	6079	-	-31%
5.3.2	Agriculture Subsidy	12127	608	608	507	0	12228	4787	-	-17%
5.3.3	Aquaculture Subsidy	1176	77	89	0	0	1265	763	-	-100%
5.3.4	SC Colonies Subsidy	552	42	37	0	0	588	379	-	-100%
5.3.5	ST Thandas Subsidy	167	8	8	0	0	175	139	-	-100%
5.3.6	Other Subsidy	12	1	1	0	0	13	11	-	-100%
5.3.7	Govt Agencies	8109	365	472	146	126	8435	6452	16%	-60%
5.3.8	Panchayats	3710	103	116	22	10	3804	3056	119%	-79%
5.3.9	WR Dept	3728	97	166	3	1	3892	2868	253%	-97%

5.3.10	ULB	441	41	59	22	43	478	336	-49%	-47%
5.3.11	Other Govt Dept	229	124	131	100	72	261	192	37%	-20%
5.3.12	Govt serviced debt	220	0	105	69	39	255	0	79%	-
5.3.13	UDAY Receivables	3475	0	0	0	0	3475	3444	-	-
5.3.14	Private Customers Receivables	3059	2190	2420	2329	1402	3151	2612	66%	6%
5.3.15	Total	28897	3291	3739	3050	1567	29586	18586	95%	-7%
5.3.16	Opex Loans	0	0	3550	3550	250	0	0	1320%	-
5.3.17	Capex Loans	0	0	21	21	23	0	0	-9%	-

6. Payables

6.1 Expenditure for FY22 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	8703	6317	6628	6849	28496
6.1.2	State Thermal	3769	3479	3618	3938	14805
6.1.3	State Hydel	221	154	154	154	682
6.1.4	CGS	1497	1336	1432	1427	5692
6.1.5	IPPs Gas	91	62	69	67	288
6.1.6	IPPs Thermal	209	160	166	166	700
6.1.7	VRE- Wind	769	640	348	330	2087
6.1.8	VRE- Solar	1013	442	427	529	2410
6.1.9	RE-Others	41	44	77	88	249
6.1.10	Market	1082	1	338	150	1572
6.1.11	Other	11	0	0	0	11
6.1.12	Wind @ interim rate	410	640	348	330	1729
6.1.13	Solar @ interim rate	375	442	427	529	1772
6.1.14	CTU Cost	305	374	374	374	1427
6.1.15	STU Cost	615	600	600	600	2416
6.1.16	Distribution Cost	1896	1865	1869	1872	7503
6.1.17	O&M Cost	1430	1437	1441	1444	5751
6.1.18	HR Cost	1152	1183	1186	1189	4710
6.1.19	A&G Cost	79	93	93	94	359
6.1.20	R&M Cost	199	161	161	161	683
6.1.21	Depreciation	340	354	354	354	1400
6.1.22	ROCE	338	390	390	390	1507
6.1.23	Others	126	75	75	75	351
6.1.24	Cost of Service	11518	9157	9471	9696	39842
7.1.1	Capex Debt service (P+I)	419	362	365	360	1505
7.1.2	Opex Debt service (P+I)	1489	1352	1288	1173	5303

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	EXPENDITURE	PAID		BALANCE	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2147	2564	4044	1267	-1480	219%	88%
6.2.2	State Thermal	1226	854	757	454	97	67%	-38%
6.2.3	State Hydel	51	51	51	50	0	2%	0%
6.2.4	CGS	456	421	1467	25	-1046	5687%	222%
6.2.5	IPPs Gas	22	29	39	63	-10	-39%	74%
6.2.6	IPPs Thermal	55	61	78	251	-17	-69%	41%
6.2.7	VRE- Wind	106	170	746	0	-576	196100%	601%
6.2.8	VRE- Solar	214	280	218	3	62	7328%	2%
6.2.9	RE-Others	15	13	62	15	-49	310%	307%
6.2.10	Market	0	675	564	285	111	98%	280477%
6.2.11	Other	0	10	63	120	-53	-47%	0%
6.2.12	Wind @ interim rate	106	87	746	0	-658	196100%	601%
6.2.13	Solar @ interim rate	214	158	218	3	-60	7328%	2%
6.2.14	CTU Cost	125	56	163	9	-108	1656%	31%
6.2.15	STU Cost	204	207	226	47	-18	384%	11%
6.2.16	Distribution Cost	859	763	546	433	216	26%	-36%
6.2.17	O&M Cost	476	481	481	390	0	23%	1%
6.2.18	HR Cost	386	376	376	355	0	6%	-3%
6.2.19	A&G Cost	29	21	21	21	0	2%	-28%
6.2.20	R&M Cost	60	84	84	14	0	488%	39%
6.2.21	Depreciation	109	110	0	0	110	-	-100%
6.2.22	ROCE	130	106	0	0	106	-	-100%

6.2.23	Others	143	66	66	43	0	51%	-54%
6.2.24	Cost of Service	3334	3590	4980	1756	-1390	184%	49%
7.2.1	Capex Debt service (P+I)	144	127	127	0	0	-	-12%
7.2.2	Opex Debt service (P+I)	0	932	1932	0	-1000	-	0%

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	EXPENDITURE	PAID		CB	OD > 180 DAYS	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	13327	2147	2564	4044	1267	11847	7880	219%	88%
6.3.2	State Thermal	4748	1226	854	757	454	4845	4305	67%	-38%
6.3.3	State Hydel	130	51	51	51	50	130	130	2%	0%
6.3.4	CGS	2137	456	421	1467	25	1091	97	5687%	222%
6.3.5	IPPs Gas	93	22	29	39	63	83	47	-39%	74%
6.3.6	IPPs Thermal	661	55	61	78	251	644	379	-69%	41%
6.3.7	VRE- Wind	3847	106	170	746	0	3271	2016	196100%	601%
6.3.8	VRE- Solar	1640	214	280	218	3	1702	906	7328%	2%
6.3.9	RE-Others	99	15	13	62	15	50	0	310%	307%
6.3.10	Market	-29	0	675	564	285	83	0	98%	280477%
6.3.11	Other	0	0	10	63	120	-53	0	-47%	-
6.3.12	Wind @ interim rate	251	106	87	746	0	-407	0	196100%	601%
6.3.13	Solar @ interim rate	108	214	158	218	3	48	0	7328%	2%
6.3.14	CTU Cost	127	125	56	163	9	19	0	1656%	31%
6.3.15	STU Cost	1642	204	207	226	47	1623	312	384%	11%
6.3.16	Distribution Cost	0	859	763	546	433	216	0	26%	-36%
6.3.17	O&M Cost	0	476	481	481	390	0	0	23%	1%
6.3.18	HR Cost	0	386	376	376	355	0	0	6%	-3%
6.3.19	A&G Cost	0	29	21	21	21	0	0	2%	-28%
6.3.20	R&M Cost	0	60	84	84	14	0	0	488%	39%
6.3.21	Depreciation	0	109	110	0	0	110	0	-	-100%
6.3.22	ROCE	0	130	106	0	0	106	0	-	-100%
6.3.23	Others	0	143	66	66	43	0	0	51%	-54%
6.3.24	Cost of Service	15096	3334	3590	4980	1756	13706	8192	184%	49%
7.3.1	Capex Debt service (P+I)	0	144	127	127	0	0	0	-	-12%
7.3.2	Opex Debt service (P+I)	1000	0	932	1932	0	0	0	-	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	419	362	365	360	1505
7.1.2	ERC disallowable-Opex Debt	1489	1352	1288	1173	5303
7.1.3	Debt Servicing	1908	1713	1653	1533	6808

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	127	127	0	0	0%	-12%
7.2.2	ERC disallowable-Opex Debt	0	932	1932	0	-1000	0%	0%
7.2.3	Debt Servicing	144	1059	2059	0	-1000	0%	1333%

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	144	127	127	0	0	0	0%	-12%
7.3.2	ERC disallowable-Opex Debt	1000	0	932	1932	0	0	0	0%	0%
7.3.3	Debt Servicing	1000	144	1059	2059	0	0	0	0%	1333%

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	5076	5092	0%	5525	3903	42%	10600	8995	18%
7.4.2	PFC	483	480	1%	4997	4665	7%	5480	5144	7%
7.4.3	APPFCL	0	0	-	9395	9295	1%	9395	9295	1%
7.4.4	BANKS	1703	1720	-1%	1043	1218	-14%	2746	2938	-7%
7.4.5	IREDA	0	0	-	1231	1388	-11%	1231	1388	-11%
7.4.6	ICD	0	0	-	620	663	-6%	620	663	-6%
7.4.7	PTC	0	0	-	159	164	-3%	159	164	-3%
7.4.8	GOAP	0	0	-	0	0	-	0	0	-
7.4.9	OTHERS	690	690	0%	5631	5631	0%	6321	6321	0%
7.4.10	Debt Outstanding	7952	7981	0%	28601	26926	6%	36553	34907	5%

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	Previous 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		
2.25	Energy Cost on Purchase Basis	Refer 4.5.11
2.26	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.27	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	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.28	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.31	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
2.32	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ACS	$\frac{\text{Cost of Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.39	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		
2.40	Collection η	$J=(F+G-I)/E*100$
2.41	Units Realized	$K=D*J/100$
2.42	Units Unrealized	$L=C-K$
2.43	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} =L/(\text{Discom Input}) *100$
ACS-ARR GAP		
2.44	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 of previous Year

- Debt servicing data is obtained from APPCC