

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators May- 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	4295 (83%)	3567 (73%)	20%	8643 (81%)	6770 (74%)	28%
3.1.9	Agl Consumption	MU	861 (17%)	1289 (27%)	-33%	2045 (19%)	2338 (26%)	-13%
3.1.19	Discom Sales	MU	5156	4856	6%	10688	9108	17%
1.02	Private Sales	MU	3679 (71%)	2921 (60%)	26%	7366 (69%)	5388 (59%)	37%
1.03	Government Sales	MU	426 (8%)	363 (7%)	17%	826 (8%)	682 (7%)	21%
1.04	Government Subsidy	MU	1051 (20%)	1572 (32%)	-33%	2497 (23%)	3038 (33%)	-18%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	12208	9230	32%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	2192	1610	36%	4521	3012	50%
5.2.7	Gov Sales	Rs Cr	101	133	-24%	247	259	-5%
5.2.1	Gov Subsidy	Rs Cr	295	0	-	802	0	-
1.06	Others	Rs Cr	0	0	-	0	0	-
3.3.19	Discom Collections	Rs Cr	2589	1743	49%	5570	3271	70%
1.07	Metered Sales	Rs Cr	2362	1739	36%	4830	3261	48%
3.3.10	Agl Consumption	Rs Cr	227	3	6858%	738	9	8428%
1.08	Revenue from Sale	Rs Cr	3622	3170	14%	7138	5924	20%
1.09	Adj Revenue from Sale	Rs Cr	3363	2855	18%	6885	5293	30%
1.10	Closing Debtors	Rs Cr	12240	10025	22%	12240	10025	22%
1.11	Adj Closing Debtors	Rs Cr	12240	10025	22%	12240	10025	22%
KPIs								
3.5.19	ARR	Rs/kWh	5.02	3.59	40%	5.21	3.59	45%
3.6.19	AMC	kWh/bill/Mth	280	274	2%	290	255	14%
3.7.19	ACPB	Rs/bill/Mth	1404	983	43%	1509	916	65%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.19	Discom Sales	MU	5156 (90%)	4856 (90%)	6%	10688 (89%)	9108 (90%)	17%
2.01	Discom Losses	MU	472 (8%)	401 (7%)	18%	947 (8%)	806 (8%)	17%
2.02	Discom Input	MU	5627 (98%)	5257 (98%)	7%	11635 (97%)	9914 (98%)	17%
2.03	Transmission Loss	MU	165 (3%)	245 (5%)	-33%	353 (3%)	449 (4%)	-21%
4.1.11	Discom Purchases	MU	5760	5371	7%	11987	10164	18%
4.2.11	Power Purchase Cost	Rs. Cr	2404 (72%)	2280 (71%)	5%	4968 (72%)	4360 (71%)	14%
Contracted Network Capacity (MW)								
2.04	STU	MW	12843	11909	8%	12843	11909	8%
2.05	CTU	MW	1721	2219	-22%	1721	2219	-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	1.3	28%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.3	3.3	0%	3.3	3.5	-4%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	5.9	6.5	-9%	6.3	6.2	2%
Network Cost (Rs. Cr)								
2.10	STU Cost	Rs Cr	203 (6%)	148 (5%)	37%	410 (6%)	297 (5%)	38%
2.11	CTU Cost	Rs Cr	58 (2%)	73 (2%)	-21%	114 (2%)	154 (3%)	-26%
2.12	Distribution Network Cost	Rs Cr	650 (19%)	674 (21%)	-4%	1388 (20%)	1274 (21%)	9%
2.13	O&M Cost	Rs Cr	415	450	-8%	896	839	7%
2.14	HR Cost	Rs Cr	365	378	-4%	741	733	1%
2.15	A&G Cost	Rs Cr	15	24	-39%	36	44	-20%
2.16	R & M Cost	Rs Cr	36	48	-25%	119	61	94%
2.17	Depreciation	Rs Cr	111	106	5%	222	212	5%
2.18	ROCE	Rs Cr	113	68	67%	219	134	64%
2.19	Others	Rs Cr	11	51	-79%	51	89	-42%
2.20	Network Cost	Rs Cr	911 (27%)	895 (28%)	2%	1913 (28%)	1724 (28%)	11%
Retail Supply Cost (Rs. Cr)								
2.21	B&C Cost and Supply Margin	Rs Cr	17	8	98%	24	16	55%
2.22	Interest on Security Deposits	Rs Cr	19	16	16%	37	32	16%
2.23	Retail Supply Cost	Rs Cr	35 (1%)	24 (1%)	44%	61 (1%)	48 (1%)	29%
Cost of Service (Rs. Cr)								
2.24	Cost of Service	Rs Cr	3350	3199	5%	6942	6132	13%
7.2.2	ERC Disallowed Debt	Rs Cr	419	0	-	2351	0	-
KPIs on Purchase basis								
2.25	Energy Cost on Purchase Basis	Rs/kWh	4.17	4.24	-2%	4.14	4.29	-3%
2.26	STU Cost per Unit	Rs/kWh	0.35	0.28	28%	0.34	0.29	17%
2.27	CTU Cost per Unit	Rs/kWh	0.10	0.14	-26%	0.09	0.15	-37%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.61	0.76	-19%	0.56	0.77	-27%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.13	1.25	-10%	1.16	1.25	-8%
2.29	Network Cost per Unit	Rs/kWh	1.58	1.66	-5%	1.60	1.70	-6%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	34%	0.05	0.05	9%
2.31	Cost of Service per Unit	Rs/kWh	5.82	5.96	-2%	5.79	6.03	-4%
KPIs on Sales basis								
2.32	Energy Cost on Sales Basis	Rs/kWh	4.66	4.70	-1%	4.65	4.79	-3%

2.33	STU Cost per Unit	Rs/kWh	0.39	0.30	33%		0.38	0.33	18%
2.34	CTU Cost per Unit	Rs/kWh	0.11	0.15	-25%		0.11	0.17	-37%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.26	1.39	-9%		1.30	1.40	-7%
2.36	Network Cost per Unit	Rs/kWh	1.77	1.84	-4%		1.79	1.89	-5%
2.37	Retail Supply Cost per Unit	Rs/kWh	0.07	0.05	36%		0.06	0.05	10%
2.38	ACS	Rs/kWh	6.50	6.59	-1%		6.50	6.73	-4%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	0.81	0.00	-		2.20	0.00	-
AT&C Losses									
2.40	Collection η	%	92%	65%	42%		89%	70%	26%
2.41	Units Realized	MU	4728	3171	49%		9438	6355	49%
2.42	Units Unrealized	MU	888	2110	-58%		2170	3486	-38%
2.43	AT&C Losses	%	16%	40%	-60%		19%	35%	-47%
ACS-ARR GAP									
2.44	GAP	Rs/kWh	-1.48	-3.00	-51%		-1.29	-3.14	-59%

3. Sales by Categories

3.1 Energy Sales by Category (MU)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	307 (6%)	290 (6%)	6%	598 (6%)	625 (7%)	-4%
3.1.2	LT-1B	862 (17%)	883 (18%)	-2%	1672 (16%)	1581 (17%)	6%
3.1.3	LT-1C	557 (11%)	583 (12%)	-4%	998 (9%)	900 (10%)	11%
3.1.4	LT-1	1726 (33%)	1757 (36%)	-2%	3268 (31%)	3107 (34%)	5%
3.1.5	LT-2	247 (5%)	145 (3%)	71%	524 (5%)	366 (4%)	43%
3.1.6	LT-3	130 (3%)	74 (2%)	74%	272 (3%)	176 (2%)	54%
3.1.7	LT-4	123 (2%)	99 (2%)	24%	246 (2%)	220 (2%)	12%
3.1.8	LT-5	1212 (24%)	1559 (32%)	-22%	2750 (26%)	2909 (32%)	-5%
3.1.9	LT-5 A (ii)	861 (17%)	1289 (27%)	-33%	2045 (19%)	2338 (26%)	-13%
3.1.10	LT-5 excluding A(ii)	351 (7%)	270 (6%)	30%	705 (7%)	571 (6%)	24%
3.1.11	LT	3438 (67%)	3634 (75%)	-5%	7061 (66%)	6777 (74%)	4%
3.1.12	HT-1	7 (0%)	6 (0%)	11%	12 (0%)	11 (0%)	9%
3.1.13	HT-2	117 (2%)	87 (2%)	35%	250 (2%)	175 (2%)	43%
3.1.14	HT-3	1347 (26%)	891 (18%)	51%	2805 (26%)	1562 (17%)	80%
3.1.15	HT-4	170 (3%)	110 (2%)	55%	349 (3%)	207 (2%)	69%
3.1.16	HT-5	31 (1%)	57 (1%)	-45%	111 (1%)	231 (3%)	-52%
3.1.17	Rescos	46 (1%)	72 (1%)	-37%	100 (1%)	144 (2%)	-30%
3.1.18	HT	1718 (33%)	1222 (25%)	41%	3627 (34%)	2330 (26%)	56%
3.1.19	Discom Sales	5156	4856	6%	10688	9108	17%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3438	3634	-5%	7061	6777	4%
3.2.2	11KV	449	391	15%	941	767	23%
3.2.3	33KV	498	320	55%	1064	593	80%
3.2.4	EHT	771	511	51%	1622	971	67%
3.1.19	Discom Sales	5156	4856	6%	10688	9109	17%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	78 (3%)	79 (5%)	-1%	160 (3%)	149 (5%)	8%
3.3.2	LT-1B	253 (10%)	277 (16%)	-9%	488 (9%)	442 (14%)	11%
3.3.3	LT-1C	284 (11%)	242 (14%)	17%	483 (9%)	325 (10%)	49%
3.3.4	LT-1	615 (24%)	598 (34%)	3%	1132 (20%)	916 (28%)	24%
3.3.5	LT-2	246 (9%)	172 (10%)	43%	536 (10%)	381 (12%)	41%
3.3.6	LT-3	96 (4%)	59 (3%)	64%	213 (4%)	131 (4%)	63%
3.3.7	LT-4	22 (1%)	39 (2%)	-44%	58 (1%)	78 (2%)	-26%
3.3.8	LT-5	362 (14%)	99 (6%)	267%	1001 (18%)	198 (6%)	405%
3.3.9	LT-5 A (ii)	227 (9%)	3 (0%)	6858%	738 (13%)	9 (0%)	8428%
3.3.10	LT-5 excluding A(ii)	135 (5%)	95 (5%)	42%	263 (5%)	189 (6%)	39%
3.3.11	LT	1341 (52%)	966 (55%)	39%	2940 (53%)	1704 (52%)	73%
3.3.12	HT-1	4 (0%)	4 (0%)	17%	9 (0%)	7 (0%)	36%
3.3.13	HT-2	140 (5%)	97 (6%)	45%	275 (5%)	215 (7%)	28%
3.3.14	HT-3	964 (37%)	567 (33%)	70%	2079 (37%)	1144 (35%)	82%
3.3.15	HT-4	123 (5%)	69 (4%)	77%	239 (4%)	142 (4%)	68%
3.3.16	HT-5	12 (0%)	37 (2%)	-68%	18 (0%)	54 (2%)	-67%
3.3.17	Rescos	5 (0%)	3 (0%)	46%	9 (0%)	5 (0%)	93%
3.3.18	HT	1248 (48%)	777 (45%)	61%	2629 (47%)	1566 (48%)	68%
3.3.19	Discom Collections	2589	1742	49%	5568	3270	70%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	67,33,903(37%)	69,16,751(39%)	-3%	69,13,681(37%)	74,14,906(42%)	-7%
3.4.2	LT-1B	62,71,261(34%)	57,86,523(33%)	8%	63,12,457(34%)	60,32,460(34%)	5%
3.4.3	LT-1C	16,12,336(9%)	14,05,633(8%)	15%	16,12,336(9%)	14,05,876(8%)	15%
3.4.4	LT-1	1,46,17,500(79%)	1,41,08,907(80%)	4%	1,46,17,757(79%)	1,42,04,180(80%)	3%
3.4.5	LT-2	15,86,223(9%)	14,77,974(8%)	7%	15,86,223(9%)	15,01,567(8%)	6%
3.4.6	LT-3	95,803(1%)	91,287(1%)	5%	95,803(1%)	92,254(1%)	4%
3.4.7	LT-4	3,37,449(2%)	3,25,475(2%)	4%	3,37,449(2%)	3,26,620(2%)	3%
3.4.8	LT-5	17,96,245(10%)	17,09,369(10%)	5%	17,96,245(10%)	17,21,411(10%)	4%
3.4.9	LT-5 A (ii)	17,05,036(9%)	16,32,471(9%)	4%	17,05,036(9%)	16,32,471(9%)	4%
3.4.10	LT-5 excluding A(ii)	91,209(0%)	76,898(0%)	19%	91,209(0%)	89,997(1%)	1%
3.4.11	LT	1,84,33,220(100%)	1,77,13,012(100%)	4%	1,84,33,220(100%)	1,78,31,290(100%)	3%
3.4.12	HT-1	106(0%)	102(0%)	4%	106(0%)	102(0%)	4%
3.4.13	HT-2	4,300(0.02%)	4,097(0.02%)	5%	4,300(0.02%)	4,111(0.02%)	5%
3.4.14	HT-3	6,172(0.03%)	5,670(0.03%)	9%	6,172(0.03%)	5,723(0.03%)	8%
3.4.15	HT-4	612(0%)	607(0%)	1%	613(0%)	607(0%)	1%
3.4.16	HT-5	701(0%)	939(0.01%)	-25%	701(0%)	941(0.01%)	-26%
3.4.17	Rescos	82(0%)	75(0%)	9%	82(0%)	75(0%)	9%
3.4.18	HT	11,973(0.06%)	11,490(0.06%)	4%	11,974(0.06%)	11,559(0.06%)	4%
3.4.19	Discom Bills	1,84,45,193	1,77,24,502	4%	1,84,45,194	1,78,42,849	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	2.54	2.72	-6%	2.68	2.39	12%
3.5.2	LT-1B	2.93	3.13	-6%	2.92	2.79	5%
3.5.3	LT-1C	5.10	4.15	23%	4.84	3.61	34%
3.5.4	LT-1	3.56	3.40	5%	3.46	2.95	17%
3.5.5	LT-2	9.94	11.91	-16%	10.23	10.40	-2%
3.5.6	LT-3	7.41	7.87	-6%	7.83	7.44	5%
3.5.7	LT-4	1.77	3.89	-55%	2.33	3.56	-34%
3.5.8	LT-5	2.99	0.63	372%	3.64	0.68	435%
3.5.9	LT-5 A (ii)	2.64	0.03	10315%	3.61	0.04	9651%
3.5.10	LT-5 excluding A(ii)	3.86	3.53	9%	3.73	3.32	12%
3.5.11	LT	3.90	2.66	47%	4.16	2.51	66%
3.5.12	HT-1	6.58	6.26	5%	7.28	5.86	24%
3.5.13	HT-2	11.94	11.16	7%	11.00	12.26	-10%
3.5.14	HT-3	7.16	6.36	13%	7.41	7.32	1%
3.5.15	HT-4	7.23	6.33	14%	6.84	6.85	0%
3.5.16	HT-5	3.78	6.47	-42%	1.60	2.32	-31%
3.5.17	Rescos	1.03	0.45	130%	0.91	0.33	177%
3.5.18	HT	7.26	6.35	14%	7.25	6.72	8%
3.5.19	ARR	5.02	3.59	40%	5.21	3.59	45%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	46	42	9%	43	42	3%
3.6.2	LT-1B	137	153	-10%	132	131	1%
3.6.3	LT-1C	346	415	-17%	309	320	-3%
3.6.4	LT-1	118	125	-5%	112	109	2%

3.6.5	LT-2	156	98	59%	165	122	35%
3.6.6	LT-3	1356	816	66%	1420	955	49%
3.6.7	LT-4	364	305	20%	365	336	9%
3.6.8	LT-5	675	912	-26%	766	845	-9%
3.6.9	LT-5 A (ii)	505	789	-36%	600	716	-16%
3.6.10	LT-5 excluding A(ii)	3848	3515	9%	3865	3171	22%
3.6.11	LT	187	205	-9%	192	190	1%
3.6.12	HT-1	62358	58333	7%	58058	55141	5%
3.6.13	HT-2	27244	21150	29%	29083	21332	36%
3.6.14	HT-3	218215	157063	39%	227219	136471	66%
3.6.15	HT-4	277696	180560	54%	284764	170543	67%
3.6.16	HT-5	44864	60809	-26%	78895	122717	-36%
3.6.17	Rescos	556951	964533	-42%	611850	958730	-36%
3.6.18	HT	143460	106370	35%	151465	100808	50%
3.6.19	AMC	280	274	2%	290	255	14%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	116	114	2%	116	101	15%
3.7.2	LT-1B	403	479	-16%	387	366	6%
3.7.3	LT-1C	1763	1721	2%	1499	1157	30%
3.7.4	LT-1	421	424	-1%	387	322	20%
3.7.5	LT-2	1550	1165	33%	1689	1268	33%
3.7.6	LT-3	10054	6420	57%	11121	7104	57%
3.7.7	LT-4	643	1184	-46%	853	1197	-29%
3.7.8	LT-5	2018	578	249%	2787	575	384%
3.7.9	LT-5 A (ii)	1331	20	6562%	2165	27	8065%
3.7.10	LT-5 excluding A(ii)	14853	12419	20%	14403	10526	37%
3.7.11	LT	728	545	33%	797	478	67%
3.7.12	HT-1	410377	365403	12%	422693	323153	31%
3.7.13	HT-2	325209	236048	38%	319799	261606	22%
3.7.14	HT-3	1561892	999194	56%	1684403	999277	69%
3.7.15	HT-4	2006536	1143502	75%	1946407	1168994	67%
3.7.16	HT-5	169615	393647	-57%	126317	284515	-56%
3.7.17	Rescos	573171	430667	33%	559774	316667	77%
3.7.18	HT	1041994	675877	54%	1097685	677251	62%
3.7.19	ACPB	1404	983	43%	1509	916	65%

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	1454 (25%)	672 (13%)	116%	2802 (50%)	-48%	3382 (28%)	1276 (13%)	165%	5407 (48%)	-37%
4.1.2	State Hydel	93 (2%)	201 (4%)	-54%	157 (3%)	-41%	308 (3%)	401 (4%)	-23%	375 (3%)	-18%
4.1.3	CGS	939 (16%)	959 (18%)	-2%	1053 (19%)	-11%	2021 (17%)	1994 (20%)	1%	2179 (20%)	-7%
4.1.4	Gas	137 (2%)	257 (5%)	-47%	97 (2%)	41%	259 (2%)	581 (6%)	-55%	192 (2%)	35%
4.1.5	IPPs	161 (3%)	675 (13%)	-76%	137 (2%)	17%	324 (3%)	1190 (12%)	-73%	274 (2%)	18%
4.1.6	VRE-Wind	588 (10%)	515 (10%)	14%	584 (10%)	1%	946 (8%)	884 (9%)	7%	1022 (9%)	-7%
4.1.7	VRE-Solar	724 (13%)	603 (11%)	20%	802 (14%)	-10%	1368 (11%)	1262 (12%)	8%	1661 (15%)	-18%
4.1.8	RE-Others	20 (0%)	20 (0%)	2%	24 (0%)	-15%	42 (0%)	38 (0%)	10%	54 (0%)	-22%
4.1.9	Markets	1621 (28%)	1456 (27%)	11%	0 (0%)	-	3301 (28%)	2509 (25%)	32%	0 (0%)	-
4.1.10	Others	23 (0%)	12 (0%)	98%	0 (0%)	-	35 (0%)	29 (0%)	22%	0 (0%)	-
4.1.11	Discom Purchases	5760	5371	7%	5656	2%	11987	10164	18%	11164	7%

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	731 (30%)	469 (21%)	56%	1297 (58%)	-44%	1585 (32%)	946 (22%)	67%	2523 (58%)	-37%
4.2.2	State Hydel	51 (2%)	50 (2%)	2%	51 (2%)	0%	102 (2%)	100 (2%)	2%	102 (2%)	0%
4.2.3	CGS	368 (15%)	400 (18%)	-8%	437 (20%)	-16%	788 (16%)	832 (19%)	-5%	893 (20%)	-12%
4.2.4	Gas	34 (1%)	72 (3%)	-53%	23 (1%)	46%	63 (1%)	156 (4%)	-60%	45 (1%)	39%
4.2.5	IPPs	61 (3%)	269 (12%)	-77%	55 (2%)	10%	122 (2%)	476 (11%)	-74%	110 (3%)	10%
4.2.6	VRE-Wind	276 (11%)	243 (11%)	13%	142 (6%)	94%	445 (9%)	418 (10%)	7%	248 (6%)	79%
4.2.7	VRE-Solar	310 (13%)	271 (12%)	14%	200 (9%)	55%	591 (12%)	569 (13%)	4%	414 (9%)	43%
4.2.8	RE-Others	11 (0%)	10 (0%)	12%	12 (1%)	-11%	24 (0%)	19 (0%)	24%	28 (1%)	-13%
4.2.9	Markets	541 (23%)	489 (21%)	11%	0 (0%)	165425%	1217 (24%)	840 (19%)	45%	1 (0%)	231508%
4.2.10	Others	21 (1%)	7 (0%)	207%	0 (0%)	-	30 (1%)	3 (0%)	1085%	0 (0%)	-
4.2.11	Power Purchase Cost	2404	2280	5%	2218	8%	4968	4360	14%	4365	14%

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	279	250	11%	352	-21%	513	525	-2%	704	-27%
4.3.2	State Hydel	51	50	2%	51	0%	102	100	2%	102	0%
4.3.3	CGS	111	113	-2%	125	-12%	225	224	0%	250	-10%
4.3.4	Gas	2	3	-44%	2	-7%	3	4	-4%	3	3%
4.3.5	IPPs	23	61	-62%	23	0%	46	116	-61%	47	-2%
4.3.6	Fixed Cost	465	477	-2%	553	-16%	889	970	-8%	1106	-20%

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	453	219	106%	945	-52%	1073	421	155%	1820	-41%
4.4.2	CGS	257	287	-10%	312	-18%	564	608	-7%	643	-12%
4.4.3	Gas	32	69	-53%	21	50%	60	153	-61%	42	41%
4.4.4	IPPs	38	208	-82%	32	18%	76	360	-79%	64	19%
4.4.5	VRE-Wind	276	243	13%	142	94%	445	418	7%	248	79%
4.4.6	VRE-Solar	310	271	14%	200	55%	591	569	4%	414	43%
4.4.7	RE-Others	11	10	12%	12	-11%	24	19	24%	28	-13%
4.4.8	Markets	541	489	11%	0	165425%	1217	840	45%	1	231508%
4.4.9	Variable Cost	1918	1797	7%	1665	15%	4049	3388	19%	3259	24%

4.5 Average Energy Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.5.1	State Thermal	5.03	6.98	-28%	4.63	9%	4.69	7.42	-37%	4.67	0%
4.5.2	State Hydel	5.51	2.50	121%	3.27	69%	3.32	2.50	33%	2.73	22%
4.5.3	CGS	3.92	4.17	-6%	4.15	-6%	3.90	4.17	-7%	4.10	-5%
4.5.4	Gas	2.46	2.78	-12%	2.37	4%	2.44	2.69	-10%	2.37	3%
4.5.5	IPPs	3.80	3.99	-5%	4.03	-6%	3.77	4.00	-6%	4.03	-7%
4.5.6	VRE-Wind	4.69	4.72	-1%	2.43	93%	4.71	4.72	0%	2.43	94%
4.5.7	VRE-Solar	4.29	4.50	-5%	2.49	72%	4.32	4.51	-4%	2.49	73%
4.5.8	RE-Others	5.38	4.90	10%	5.14	5%	5.70	5.08	12%	5.14	11%
4.5.9	Markets	3.34	3.36	0%	0.00	-	3.69	3.35	10%	0.00	-
4.5.10	Others	8.82	5.69	55%	0.00	-	8.65	0.89	869%	0.00	-
4.5.11	Weighted Average	4.17	4.24	-2%	3.92	6%	4.14	4.29	-3%	3.91	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	1.92	3.72	-48%	1.26	53%	1.52	4.12	-63%	1.30	16%
4.6.2	State Hydel	5.51	2.50	121%	3.27	69%	3.32	2.50	33%	2.73	22%
4.6.3	CGS	1.18	1.18	0%	1.19	-1%	1.11	1.12	-1%	1.15	-3%
4.6.4	Gas	0.11	0.11	5%	0.17	-34%	0.13	0.06	115%	0.17	-24%
4.6.5	IPPs	1.45	0.90	62%	1.70	-15%	1.41	0.98	45%	1.70	-17%
4.6.6	Average FC	0.84	0.90	-6%	0.98	-14%	0.77	0.96	-20%	0.99	-23%

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	3.11	3.26	-5%	3.37	-8%	3.17	3.30	-4%	3.37	-6%
4.7.2	CGS	2.74	2.99	-8%	2.96	-8%	2.79	3.05	-9%	2.95	-5%
4.7.3	Gas	2.35	2.68	-12%	2.20	7%	2.30	2.63	-12%	2.20	5%
4.7.4	IPPs	2.35	3.09	-24%	2.33	1%	2.35	3.02	-22%	2.33	1%
4.7.5	VRE-Wind	4.69	4.72	-1%	2.43	93%	4.71	4.72	0%	2.43	94%
4.7.6	VRE-Solar	4.29	4.50	-5%	2.49	72%	4.32	4.51	-4%	2.49	73%
4.7.7	RE-Others	5.38	4.90	10%	5.14	5%	5.70	5.08	12%	5.14	11%
4.7.8	Markets	3.34	3.36	0%	0.00	-	3.69	3.35	10%	0.00	-
4.7.9	Average VC	3.33	3.34	0%	2.94	13%	3.38	3.33	1%	2.92	16%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1603	1706	-6%	3282	3244	1%
4.8.2	11KV	209	184	14%	437	367	19%
4.8.3	33KV	232	150	54%	495	284	74%
4.8.4	EHT	360	240	50%	754	465	62%
4.2.11	Power Purchase Cost	2404	2280	5%	4968	4360	14%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	607	669	-9%	1264	1283	-2%
4.9.2	11KV	79	72	10%	168	145	16%
4.9.3	33KV	88	59	49%	190	112	70%
4.9.4	EHT	136	94	45%	290	184	58%
2.20	Network Cost	911	895	2%	1913	1724	11%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	23	18	28%	40	35	14%
4.10.2	11KV	3	2	56%	5	4	34%
4.10.3	33KV	3	2	111%	6	3	97%
4.10.4	EHT	5	3	105%	9	5	83%
2.23	Retail Supply Cost	35	24	44%	61	48	29%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2234	2394	-7%	4586	4562	1%
4.11.2	11KV	292	258	13%	611	516	18%
4.11.3	33KV	323	211	53%	691	399	73%
4.11.4	EHT	501	336	49%	1054	654	61%
2.24	Cost of Service	3350	3199	5%	6942	6132	13%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	112	119	1%	226	232	1%
4.12.2	11KV	154	118	10%	311	261	10%
4.12.3	33KV	206	164	36%	411	314	36%
4.12.4	EHT	165	245	-8%	353	449	-8%
4.12.5	Loss	636	645	9%	1301	1255	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	2292	2433	-6%	4704	4643	1%
4.13.2	11KV	290	254	14%	607	508	20%
4.13.3	33KV	309	202	53%	662	380	74%
4.13.4	EHT	459	311	48%	968	601	61%
2.24	Cost of Service	3350	3199	5%	6942	6132	13%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	6.7	6.7	0%	6.7	6.9	-3%
4.14.2	11KV	6.5	6.5	0%	6.5	6.6	-3%
4.14.3	33KV	6.2	6.3	-1%	6.2	6.4	-3%
4.14.4	EHT	6.0	6.1	-2%	6.0	6.2	-4%
2.37	ACS	6.5	6.6	-1%	6.5	6.7	-4%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2252	2247	2237	2234	8969
5.1.2	Agriculture Subsidy	1824	1824	1824	1824	7297
5.1.3	Aquaculture Subsidy	251	225	208	212	896
5.1.4	SC Colonies Subsidy	116	133	138	133	521
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	1258	1241	1186	1121	4805
5.1.8	Panchayats	324	338	333	323	1318
5.1.9	WR Dept	368	386	351	304	1408
5.1.10	ULB	153	131	129	125	538
5.1.11	Other Govt Dept	413	386	373	369	1541
5.1.12	Govt serviced debt	100	25	24	15	164
5.1.13	UDAY Receivables	0	0	0	0	0
5.1.14	Private Customers Receivables	6680	6776	6524	6253	26232
5.1.15	Total	10289	10288	9971	9623	40171
5.1.16	Opex Loans	3746	0	0	0	3746
5.1.17	Capex Loans	116	0	0	0	116

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	DEMAND	COLLECTIONS		BALANCE	% ↑	% Δ ERC
				CY	PY			
5.2.1	Subsidy	736	739	295	0	443	-	-60%
5.2.2	Agriculture Subsidy	608	608	223	0	385	-	-63%
5.2.3	Aquaculture Subsidy	77	84	72	0	11	-	-6%
5.2.4	SC Colonies Subsidy	42	38	0	0	38	-	-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	294	101	133	193	-24%	-72%
5.2.8	Panchayats	103	107	6	26	101	-75%	-94%
5.2.9	WR Dept	97	94	7	17	87	-60%	-93%
5.2.10	ULB	41	44	9	16	35	-48%	-79%
5.2.11	Other Govt Dept	124	50	79	74	-30	7%	-36%
5.2.12	Govt serviced debt	0	100	73	43	28	71%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2222	2409	2192	1610	217	36%	-1%
5.2.15	Total	3323	3542	2661	1785	881	49%	-20%
5.2.16	Opex Loans	0	196	196	400	0	-51%	-
5.2.17	Capex Loans	0	95	95	117	0	-19%	-

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	1472	1481	802	0	14713	6079	-	-46%
5.3.2	Agriculture Subsidy	12127	1216	1216	730	0	12613	4787	-	-40%
5.3.3	Aquaculture Subsidy	1176	154	173	72	0	1276	763	-	-53%
5.3.4	SC Colonies Subsidy	552	83	75	0	0	627	379	-	-100%
5.3.5	ST Thandas Subsidy	167	16	16	0	0	183	139	-	-100%
5.3.6	Other Subsidy	12	3	1	0	0	14	11	-	-100%
5.3.7	Govt Agencies	8109	730	766	247	259	8628	6452	-5%	-66%
5.3.8	Panchayats	3710	206	223	28	36	3905	3056	-21%	-86%
5.3.9	WR Dept	3728	194	260	9	18	3979	2868	-47%	-95%

5.3.10	ULB	441	82	103	30	59	513	336	-49%	-63%
5.3.11	Other Govt Dept	229	248	181	179	146	232	192	22%	-28%
5.3.12	Govt serviced debt	220	0	205	142	81	283	0	75%	-
5.3.13	UDAY Receivables	3475	0	0	0	0	3475	3444	-	-
5.3.14	Private Customers Receivables	3059	4412	4829	4521	3012	3368	2612	50%	2%
5.3.15	Total	28897	6614	7281	5712	3352	30467	18586	70%	-14%
5.3.16	Opex Loans	0	0	3746	3746	650	0	0	476%	-
5.3.17	Capex Loans	0	0	116	116	140	0	0	-17%	-

6. Payables

6.1 Expenditure for FY22 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	8888	6317	6628	6849	28682
6.1.2	State Thermal	3204	3479	3618	3938	14239
6.1.3	State Hydel	221	154	154	154	682
6.1.4	CGS	1427	1336	1432	1427	5622
6.1.5	IPPs Gas	102	62	69	67	299
6.1.6	IPPs Thermal	215	160	166	166	706
6.1.7	VRE- Wind	903	640	348	330	2221
6.1.8	VRE- Solar	1123	442	427	529	2521
6.1.9	RE-Others	39	44	77	88	248
6.1.10	Market	1623	1	338	150	2113
6.1.11	Other	31	0	0	0	31
6.1.12	Wind @ interim rate	411	640	348	330	1729
6.1.13	Solar @ interim rate	352	442	427	529	1749
6.1.14	CTU Cost	238	374	374	374	1360
6.1.15	STU Cost	614	600	600	600	2415
6.1.16	Distribution Cost	1877	1865	1869	1872	7484
6.1.17	O&M Cost	1379	1437	1441	1444	5701
6.1.18	HR Cost	1130	1183	1186	1189	4688
6.1.19	A&G Cost	74	93	93	94	354
6.1.20	R&M Cost	175	161	161	161	659
6.1.21	Depreciation	342	354	354	354	1403
6.1.22	ROCE	321	390	390	390	1490
6.1.23	Others	155	75	75	75	380
6.1.24	Cost of Service	11618	9157	9471	9696	39941
7.1.1	Capex Debt service (P+I)	389	362	365	360	1475
7.1.2	Opex Debt service (P+I)	1726	1352	1288	1173	5539

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	EXPENDITURE	PAID		BALANCE	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2218	2404	1649	1409	755	17%	-26%
6.2.2	State Thermal	1297	731	910	426	-179	114%	-30%
6.2.3	State Hydel	51	51	51	50	0	2%	0%
6.2.4	CGS	437	368	37	0	330	-	-92%
6.2.5	IPPs Gas	23	34	37	88	-3	-58%	60%
6.2.6	IPPs Thermal	55	61	66	295	-5	-78%	20%
6.2.7	VRE- Wind	142	276	56	1	220	4482%	-61%
6.2.8	VRE- Solar	200	310	0	3	310	-100%	-100%
6.2.9	RE-Others	12	11	0	4	11	-100%	-100%
6.2.10	Market	0	541	491	430	50	14%	150186%
6.2.11	Other	0	21	0	112	21	-100%	0%
6.2.12	Wind @ interim rate	142	143	0	1	143	-100%	-100%
6.2.13	Solar @ interim rate	200	177	0	3	177	-100%	-100%
6.2.14	CTU Cost	125	58	12	0	46	-	-90%
6.2.15	STU Cost	204	203	143	0	60	-	-30%
6.2.16	Distribution Cost	722	686	462	507	224	-9%	-36%
6.2.17	O&M Cost	476	425	426	451	0	-6%	-11%
6.2.18	HR Cost	386	365	365	378	0	-3%	-5%
6.2.19	A&G Cost	29	25	25	24	0	4%	-16%
6.2.20	R&M Cost	60	36	36	49	0	-27%	-40%
6.2.21	Depreciation	109	111	0	0	111	-	-100%
6.2.22	ROCE	130	113	0	0	113	-	-100%

6.2.23	Others	7	36	36	56	0	-36%	407%
6.2.24	Cost of Service	3269	3351	2266	1916	1085	18%	-31%
7.2.1	Capex Debt service (P+I)	144	116	116	0	0	-	-20%
7.2.2	Opex Debt service (P+I)	0	419	419	0	0	-	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	4365	4968	5693	2676	12602	8082	113%	30%
6.3.2	State Thermal	4748	2523	1585	1667	879	4667	4305	90%	-34%
6.3.3	State Hydel	130	102	102	102	100	130	130	2%	0%
6.3.4	CGS	2137	893	788	1504	25	1421	97	5834%	68%
6.3.5	IPPs Gas	93	45	63	76	152	80	47	-50%	67%
6.3.6	IPPs Thermal	661	110	122	144	546	639	379	-74%	30%
6.3.7	VRE- Wind	3847	248	445	801	2	3491	2153	49991%	223%
6.3.8	VRE- Solar	1640	414	591	218	6	2013	971	3685%	-47%
6.3.9	RE-Others	99	28	24	62	19	61	0	230%	125%
6.3.10	Market	-29	1	1217	1055	716	132	0	48%	199784%
6.3.11	Other	0	0	30	63	232	-32	0	-73%	-
6.3.12	Wind @ interim rate	251	248	230	746	2	-264	0	46498%	200%
6.3.13	Solar @ interim rate	108	414	334	218	6	225	0	3685%	-47%
6.3.14	CTU Cost	127	249	113	175	9	65	0	1784%	-30%
6.3.15	STU Cost	1642	408	410	369	47	1683	312	691%	-9%
6.3.16	Distribution Cost	0	1581	1449	1008	941	440	0	7%	-36%
6.3.17	O&M Cost	0	952	906	906	841	0	0	8%	-5%
6.3.18	HR Cost	0	773	741	741	733	0	0	1%	-4%
6.3.19	A&G Cost	0	59	46	46	44	0	0	3%	-22%
6.3.20	R&M Cost	0	120	120	120	63	0	0	89%	-1%
6.3.21	Depreciation	0	218	221	0	0	221	0	-	-100%
6.3.22	ROCE	0	261	219	0	0	219	0	-	-100%
6.3.23	Others	0	151	102	102	100	0	0	2%	-32%
6.3.24	Cost of Service	15096	6603	6940	7245	3673	14791	8394	97%	10%
7.3.1	Capex Debt service (P+I)	0	287	242	242	0	0	0	-	-16%
7.3.2	Opex Debt service (P+I)	1000	0	1351	2351	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	389	362	365	360	1475
7.1.2	ERC disallowable-Opex Debt	1726	1352	1288	1173	5539
7.1.3	Debt Servicing	2115	1713	1653	1533	7014

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	116	116	0	0	0%	-20%
7.2.2	ERC disallowable-Opex Debt	0	419	419	0	0	0%	0%
7.2.3	Debt Servicing	144	535	535	0	0	0%	272%

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	287	242	242	0	0	0	0%	-16%
7.3.2	ERC disallowable-Opex Debt	1000	0	1351	2351	0	0	0	0%	0%
7.3.3	Debt Servicing	1000	287	1594	2594	0	0	0	0%	803%

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	5136	5092	1%	5433	3903	39%	10569	8995	18%
7.4.2	PFC	483	480	1%	4907	4665	5%	5391	5144	5%
7.4.3	APPFCL	0	0	-	9591	9295	3%	9591	9295	3%
7.4.4	BANKS	1686	1720	-2%	1062	1218	-13%	2748	2938	-6%
7.4.5	IREDA	0	0	-	1231	1388	-11%	1231	1388	-11%
7.4.6	ICD	0	0	-	614	663	-7%	614	663	-7%
7.4.7	PTC	0	0	-	154	164	-6%	154	164	-6%
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	7994	7981	0%	28624	26926	6%	36619	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	Past Year
CY	Current Year
Tariff Categories	
LT-1A	LT Domestic Consumers with consumption < 75units in the month
LT-1B	LT Domestic Consumers with consumption > 75 units and <225 units in the month
LT-1C	LT Domestic Consumers with consumption > 225units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)
LT-3	Industrial (LT)
LT-4	Institutional (LT)
LT-5	Agriculture (LT)
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)
HT-2	Commercial (HT)
HT-3	Industrial (HT)
HT-4	Institutional (HT)
HT-5	Agriculture (HT)
Rescos	Rural Electric Supply Cooperative Societies
Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)

IPPs	Independent Power Producers (Private Thermal- Coal)
VRE	Variable Renewable Energy
RE-Others	RE other than Wind and Solar
Markets	Power Procured from Exchanges and Open Markets
Others	Power procured from any other means other than markets
FC	Fixed Cost
VC	Variable Cost
Wind @ interim rate	Power Purchase Cost of Wind at Interim Rate
Solar @ interim rate	Power Purchase Cost of Solar at Interim Rate
CTU Cost	B=Expenditure for using Central Transmission Network for Transmission of Power
STU Cost	A=Expenditure for using State Transmission Network for Transmission of Power
Distribution Cost	C=Expenditure incurred to Discoms for wheeling of Energy through its Network (D+H+I+J)
O&M Cost	D=Operation and Maintenance Cost (E+F+G)
HR Cost	E=Human Resource Cost
A&G Cost	F=Admin and General Cost
R&M Cost	G=Repairs and Maintenance
Depreciation	H=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
ROCE	I=Return on Capital Employed
Others	J=Expenditure for Discoms other than O&M, Depreciation and ROCE
Cost of Service	Power Purchase Cost + CTU Cost + STU Cost+ Distribution Cost
Capex Debt service (P+I)	Expenditure incurred for Capex Debt (Principal + Interest)
Opex Debt service (P+I)	Expenditure incurred for Opex Debt (Principal +Interest)
Receivables Categories	
Subsidy	Receivable from Government Collected for Subsidy Sales
Agriculture Subsidy	Subsidy given for Agriculture Consumption
Aquaculture Subsidy	Subsidy given for Aquaculture Consumption
SC Colonies Subsidy	Subsidy given for SC Colonies Consumption
ST Thandas Subsidy	Subsidy given for ST Colonies Consumption
Other Subsidy	Subsidy given for any other Consumption
Govt Agencies	Receivable from Government Utilities
Panchayats	Receivable from Panchayats
WR Dept	Water Resources Department
ULB	Urban Local Bodies
Other Govt Dept	Receivables from other Gov Agencies
Govt serviced debt	Debt in books of the Discoms but servicing is being met by releases from govt due to commitments in UDAY or APPFCL Loans
UDAY Receivables	Ujjwal DISCOM Assurance Yojana-Financial turnaround and revival package for electricity distribution companies of India initiated by the Government of India
Private Customers Receivables	Receivables Collected from Sales Consumed by Private users
Total	Total receivables
Opex Loans	Receivables as part of Opex Loans
Capex Loans	Receivables as part of Capex Loans
REC	Loans taken from Rural Electrification Corporation Limited
PFC	Loans taken from Power Finance Corporation Ltd.
APPFCL	Loans taken from Andhra Pradesh Power Finance Corporation Limited
BANKS	Loans taken from banks
IREDA	Loans taken from Indian Renewable Energy Development Agency Limited
ICD	Loans taken from Interest on Consumer Deposit
PTC	Loans taken from Power Trading Corporation of India Limited
GOAP	Loans taken from Government of Andhra Pradesh
OTHERS	Loans taken from any other sources

Glossary

1. Sales

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

Note:

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

2. Purchases

Power Purchase		
3.1.19	Discom Sales	D =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	C =Input at Discom Periphery
2.03	Transmission Loss	B = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	A =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.04	STU	Contracted Capacity of State Transmission Utility
2.05	CTU	Contracted Capacity of Contracted Transmission Utility
2.06	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.07	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$

2.09	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)*100}}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
Network Cost (Rs Cr)		
2.10	STU Cost	a =Expenditure for using State Transmission Network for Transmission of Power
2.11	CTU Cost	b =Expenditure for using Central Transmission Network for Transmission of Power
2.12	Distribution Network Cost	c =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.13	O&M Cost	d =Operation and Maintenance Cost (e+f+g)
2.14	HR Cost	e =Human Resource Cost
2.15	A&G Cost	f =Admin and General Cost
2.16	R & M Cost	g =Repairs and Maintenance
2.17	Depreciation	h =the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.18	ROCE	i =Return on Capital Employed
2.19	Others	j =Any other Cost
2.20	Network Cost	CTU Cost + STU Cost + Distribution Cost
Retail Supply Cost (Rs Cr)		
2.21	B&C Cost and Supply Margin	k =Billing and Collection Cost and Supply Gain Margin
2.22	Interest on Security Deposits	l =interest on security deposit collected from the consumers
2.23	Retail Supply Cost	k+l
Cost of Service (Rs Cr)		
2.24	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
KPIs on Purchase basis		
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 for previous Year

- Debt servicing data is obtained from APPCC