

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators February- 2022

Prepared by- Strategic Planning Unit

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Contents

1.	Sales	1
2.	Purchases	2
3.	Sales by Categories	4
3.1	Energy Sales by Category (MU)	4
3.2	Energy Sales by Voltage Level (MU)	4
3.3	Collection by Category (Rs Cr)	4
3.4	Bills by Category (Nos)	4
3.5	Average Revenue Realized by Category (Rs/kWh)	5
3.6	Average Monthly Consumption by Category (kWh/Bill/Month)	5
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)	7
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	Network Cost by Voltage Level on Sales basis (Rs Cr)	9
4.10	Retail Supply Cost by Voltage Level on Sales basis (Rs Cr)	9
4.11	Cost of Service by Voltage Level on Sales basis (Rs Cr)	9
4.12	Losses by Voltage (MU)	9
4.13	Cost of Service by Voltage Level on Purchase Basis (Rs Cr)	9
4.14	Average Cost of Service by Voltage Level (Rs Cr)	10
5.	Receivables	11
5.1	Income Estimates (Rs Cr)	11
5.2	Receivables during Month (Rs Cr)	11
5.3	Receivables YTD (Rs Cr)	11
6.	Payables	13
6.1	Expenditure for FY22 (Rs Cr)	13
6.2	Payables during the Month (Rs Cr)	13
6.3	Payables YTD (Rs Cr)	14
7.	Debt Servicing	15
7.1	Debt Servicing Schedule (Rs Cr)	15
7.2	Debt Servicing during the month (Rs Cr)	15
7.3	Debt Servicing YTD (Rs Cr)	15
7.4	Debt Outstanding (Rs Cr)	15

1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Energy (MU)								
1.01	Metered Sales	MU	4009 (81%)	3705 (78%)	8%	46048 (84%)	40042 (81%)	15%
3.1.9	Agl Consumption	MU	942 (19%)	1033 (22%)	-9%	8708 (16%)	9221 (19%)	-6%
3.1.19	Discom Sales	MU	4951	4738	5%	54755	49263	11%
1.02	Private Sales	MU	4004 (81%)	3697 (78%)	8%	40495 (74%)	35284 (72%)	15%
1.03	Government Sales	MU	504 (10%)	488 (10%)	3%	5378 (10%)	4459 (9%)	21%
1.04	Government Subsidy	MU	444 (9%)	553 (12%)	-20%	9061 (17%)	9520 (19%)	-5%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	12899	11683	10%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	1885	1814	4%	24260	20582	18%
5.2.7	Gov Sales	Rs Cr	602	241	150%	3594	1890	90%
5.2.1	Gov Subsidy	Rs Cr	676	656	3%	7909	4886	62%
1.06	Others	Rs Cr	81	63	27%	736	299	146%
3.3.19	Discom Collections	Rs Cr	3244	2774	17%	36498	27656	32%
1.07	Metered Sales	Rs Cr	2505	2047	22%	28496	22876	25%
3.3.10	Agl Consumption	Rs Cr	658	663	-1%	7266	4481	62%
1.08	Revenue from Sale	Rs Cr	3030	3197	-5%	37972	34722	9%
1.09	Adj Revenue from Sale	Rs Cr	3522	2373	48%	38349	29939	28%
1.10	Closing Debtors	Rs Cr	12928	12043	7%	12928	12043	7%
1.11	Adj Closing Debtors	Rs Cr	12928	12043	7%	12928	12043	7%
KPIs								
3.5.19	ARR	Rs/kWh	6.39	5.72	12%	6.53	5.55	18%
3.6.19	AMC	kWh/bill/Mth	268	268	0%	2992	2810	6%
3.7.19	ACPB	Rs/bill/Mth	1713	1534	12%	19542	15606	25%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.19	Discom Sales	MU	4951 (96%)	4738 (98%)	5%	54755 (89%)	49263 (93%)	11%
2.01	Discom Losses	MU	383 (7%)	354 (7%)	8%	4327 (7%)	3818 (7%)	13%
2.02	Discom Input	MU	5334 (104%)	5092 (105%)	5%	59082 (96%)	53081 (100%)	11%
2.03	Transmission Loss	MU	150 (3%)	139 (3%)	8%	1680 (3%)	1401 (3%)	20%
4.1.11	Discom Purchases	MU	5149	4831	7%	61667	52920	17%
4.2.11	Power Purchase Cost	Rs. Cr	2282 (70%)	2065 (70%)	11%	26606 (70%)	22291 (67%)	19%
Contracted Network Capacity (MW)								
2.04	STU	MW	12843	11909	8%	12843	11909	8%
2.05	CTU	MW	1724	1641	5%	1850	2228	-17%
2.06	Distribution	MW	11334	10365	9%	11334	10365	9%
Capacity Charges								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.2	1.4	-14%	1.5	1.3	15%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.5	3.8	-8%	3.5	3.6	-2%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.4	6.0	7%	6.4	6.8	-6%
Network Cost (Rs. Cr)								
2.10	STU Cost	Rs Cr	159 (5%)	170 (6%)	-7%	2152 (6%)	1740 (5%)	24%
2.11	CTU Cost	Rs Cr	61 (2%)	63 (2%)	-3%	713 (2%)	878 (3%)	-19%
2.12	Distribution Network Cost	Rs Cr	729 (22%)	627 (21%)	16%	7995 (21%)	7754 (23%)	3%
2.13	O&M Cost	Rs Cr	433	398	9%	5053	5271	-4%
2.14	HR Cost	Rs Cr	372	340	10%	4325	4504	-4%
2.15	A&G Cost	Rs Cr	10	17	-39%	181	237	-24%
2.16	R & M Cost	Rs Cr	50	41	21%	547	530	3%
2.17	Depreciation	Rs Cr	129	108	20%	1281	1212	6%
2.18	ROCE	Rs Cr	132	83	59%	1289	815	58%
2.19	Others	Rs Cr	35	38	-8%	373	457	-18%
2.20	Network Cost	Rs Cr	948 (29%)	860 (29%)	10%	10861 (29%)	10373 (31%)	5%
Retail Supply Cost (Rs. Cr)								
2.21	B&C Cost and Supply Margin	Rs Cr	15	13	12%	183	195	-6%
2.22	Interest on Security Deposits	Rs Cr	18	18	-1%	200	191	4%
2.23	Retail Supply Cost	Rs Cr	33 (1%)	32 (1%)	4%	383 (1%)	386 (1%)	-1%
Cost of Service (Rs. Cr)								
2.24	Cost of Service	Rs Cr	3264	2957	10%	37850	33050	15%
7.2.2	ERC Disallowed Debt	Rs Cr	890	365	144%	10257	0	-
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.43	4.28	4%	4.31	4.21	2%
2.25	STU Cost per Unit	Rs/kWh	0.31	0.35	-12%	0.35	0.33	6%
2.26	CTU Cost per Unit	Rs/kWh	0.12	0.13	-9%	0.12	0.17	-30%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	4.27	3.98	7%	3.94	4.15	-5%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.42	1.30	9%	1.30	1.47	-12%
2.28	Network Cost per Unit	Rs/kWh	1.84	1.66	11%	1.76	1.96	-10%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.06	0.07	-2%	0.06	0.07	-15%
2.30	Cost of Service per Unit	Rs/kWh	6.34	6.12	4%	6.14	6.25	-2%
KPIs on Sales basis								
2.31	Energy Cost on Sales Basis	Rs/kWh	4.61	4.36	6%	4.86	4.52	7%

2.32	STU Cost per Unit	Rs/kWh	0.32	0.23	38%		0.39	0.35	11%
2.33	CTU Cost per Unit	Rs/kWh	0.12	0.13	-8%		0.13	0.18	-27%
2.34	Distribution Network Cost per Unit	Rs/kWh	1.47	1.32	11%		1.46	1.57	-7%
2.35	Network Cost per Unit	Rs/kWh	1.92	1.81	6%		1.98	2.11	-6%
2.36	Retail Supply Cost per Unit	Rs/kWh	0.07	0.07	0%		0.07	0.08	-11%
2.37	ACS	Rs/kWh	6.59	6.24	6%		6.91	6.71	3%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	1.80	0.77	133%		1.87	0.00	-
AT&C Losses									
2.39	Collection η	%	115%	63%	83%		98%	77%	27%
2.40	Units Realized	MU	5880	3009	95%		53067	37653	41%
2.41	Units Unrealized	MU	-470	2133	-122%		5494	14981	-63%
2.42	AT&C Losses	%	-9%	41%	-121%		9%	28%	-67%
ACS-ARR GAP									
2.43	GAP	Rs/kWh	-0.20	-0.52	-61%		-0.38	-1.16	-67%

3. Sales by Categories

3.1 Energy Sales by Category (MU)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	319 (6%)	285 (6%)	12%	3400 (6%)	3239 (7%)	5%
3.1.2	LT-1B	638 (13%)	604 (13%)	6%	8635 (16%)	8159 (17%)	6%
3.1.3	LT-1C	171 (3%)	226 (5%)	-25%	4050 (7%)	4005 (8%)	1%
3.1.4	LT-1	1127 (23%)	1115 (24%)	1%	16085 (29%)	15403 (31%)	4%
3.1.5	LT-2	230 (5%)	219 (5%)	5%	2730 (5%)	2262 (5%)	21%
3.1.6	LT-3	144 (3%)	137 (3%)	5%	1412 (3%)	1231 (2%)	15%
3.1.7	LT-4	118 (2%)	110 (2%)	7%	1289 (2%)	1169 (2%)	10%
3.1.8	LT-5	1290 (26%)	1347 (28%)	-4%	12384 (23%)	12322 (25%)	1%
3.1.9	LT-5 A (ii)	942 (19%)	1033 (22%)	-9%	8708 (16%)	9221 (19%)	-6%
3.1.10	LT-5 excluding A(ii)	348 (7%)	314 (7%)	11%	3677 (7%)	3101 (6%)	19%
3.1.11	LT	2909 (59%)	2928 (62%)	-1%	33900 (62%)	32386 (66%)	5%
3.1.12	HT-1	4 (0%)	4 (0%)	0%	57 (0%)	57 (0%)	1%
3.1.13	HT-2	116 (2%)	105 (2%)	10%	1376 (3%)	1082 (2%)	27%
3.1.14	HT-3	1543 (31%)	1262 (27%)	22%	15813 (29%)	11908 (24%)	33%
3.1.15	HT-4	199 (4%)	157 (3%)	27%	2088 (4%)	1344 (3%)	55%
3.1.16	HT-5	133 (3%)	213 (4%)	-38%	1117 (2%)	1770 (4%)	-37%
3.1.17	Rescos	47 (1%)	69 (1%)	-31%	403 (1%)	716 (1%)	-44%
3.1.18	HT	2042 (41%)	1810 (38%)	13%	20855 (38%)	16877 (34%)	24%
3.1.19	Discom Sales	4951	4738	5%	54755	49263	11%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	2909	2928	-1%	33872	32387	5%
3.2.2	11KV	456	459	-1%	5088	4579	11%
3.2.3	33KV	530	481	10%	5827	4572	27%
3.2.4	EHT	1056	870	21%	9968	7726	29%
3.1.19	Discom Sales	4951	4738	4%	54755	49262	11%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	107 (3%)	69 (3%)	54%	1040 (3%)	984 (4%)	6%
3.3.2	LT-1B	195 (6%)	181 (7%)	7%	3085 (9%)	2749 (10%)	12%
3.3.3	LT-1C	87 (3%)	103 (4%)	-16%	2400 (7%)	2241 (8%)	7%
3.3.4	LT-1	389 (12%)	354 (13%)	10%	6525 (18%)	5974 (22%)	9%
3.3.5	LT-2	251 (8%)	237 (9%)	6%	2977 (8%)	2490 (9%)	20%
3.3.6	LT-3	110 (3%)	104 (4%)	6%	1166 (3%)	1018 (4%)	15%
3.3.7	LT-4	261 (8%)	81 (3%)	224%	1778 (5%)	736 (3%)	142%
3.3.8	LT-5	723 (23%)	772 (28%)	-6%	8589 (24%)	5867 (21%)	46%
3.3.9	LT-5 A (ii)	658 (21%)	663 (24%)	-1%	7266 (20%)	4481 (16%)	62%
3.3.10	LT-5 excluding A(ii)	65 (2%)	109 (4%)	-41%	1323 (4%)	1386 (5%)	-5%
3.3.11	LT	1734 (55%)	1547 (57%)	12%	21035 (59%)	16085 (59%)	31%
3.3.12	HT-1	3 (0%)	3 (0%)	-15%	46 (0%)	41 (0%)	11%
3.3.13	HT-2	129 (4%)	122 (5%)	6%	1565 (4%)	1267 (5%)	23%
3.3.14	HT-3	1111 (35%)	904 (33%)	23%	11243 (31%)	8707 (32%)	29%
3.3.15	HT-4	180 (6%)	109 (4%)	65%	1523 (4%)	971 (4%)	57%
3.3.16	HT-5	5 (0%)	21 (1%)	-75%	320 (1%)	238 (1%)	34%
3.3.17	Rescos	2 (0%)	4 (0%)	-57%	30 (0%)	47 (0%)	-36%
3.3.18	HT	1430 (45%)	1163 (43%)	23%	14727 (41%)	11272 (41%)	31%
3.3.19	Discom Collections	3164	2710	17%	35762	27357	31%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	80,76,028(44%)	70,30,487(40%)	15%	79,19,957(43%)	69,81,036(40%)	13%
3.4.2	LT-1B	57,04,254(31%)	58,45,776(33%)	-2%	57,57,040(31%)	58,50,995(33%)	-2%
3.4.3	LT-1C	8,11,954(4%)	11,87,380(7%)	-32%	8,58,687(5%)	12,03,508(7%)	-29%
3.4.4	LT-1	1,45,92,236(79%)	1,40,63,643(80%)	4%	1,45,35,684(79%)	1,40,35,539(80%)	4%
3.4.5	LT-2	15,84,007(9%)	14,71,421(8%)	8%	15,71,613(9%)	14,60,827(8%)	8%
3.4.6	LT-3	81,647(0%)	78,151(0%)	4%	99,253(1%)	78,123(0%)	27%
3.4.7	LT-4	3,41,064(2%)	3,25,783(2%)	5%	3,39,705(2%)	3,25,393(2%)	4%
3.4.8	LT-5	18,58,740(10%)	17,18,015(10%)	8%	17,23,071(9%)	16,17,724(9%)	7%
3.4.9	LT-5 A (ii)	17,71,008(10%)	16,39,344(9%)	8%	16,32,673(9%)	15,39,216(9%)	6%
3.4.10	LT-5 excluding A(ii)	87,732(0%)	78,671(0%)	12%	90,398(0%)	78,508(0%)	15%
3.4.11	LT	1,84,57,694(100%)	1,76,57,013(100%)	5%	1,82,69,327(100%)	1,75,17,607(100%)	4%
3.4.12	HT-1	113(0%)	107(0%)	6%	112(0%)	106(0%)	6%
3.4.13	HT-2	4,527(0%)	4,186(0%)	8%	4,500(0%)	4,176(0%)	8%
3.4.14	HT-3	6,337(0%)	5,900(0%)	7%	24,168(0%)	5,873(0%)	312%
3.4.15	HT-4	719(0%)	609(0%)	18%	705(0%)	608(0%)	16%
3.4.16	HT-5	716(0%)	843(0%)	-15%	714(0%)	844(0%)	-15%
3.4.17	Rescos	1(0%)	81(0%)	-99%	11(0%)	81(0%)	-86%
3.4.18	HT	12,413(0%)	11,726(0%)	6%	30,211(0%)	11,688(0%)	158%
3.4.19	Discom Bills	1,84,70,107	1,76,68,739	5%	1,82,99,538	1,75,29,295	4%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	3.36	2.43	38%	3.06	3.04	1%
3.5.2	LT-1B	3.05	3.00	2%	3.57	3.37	6%
3.5.3	LT-1C	5.07	4.56	11%	5.93	5.60	6%
3.5.4	LT-1	3.45	3.17	9%	4.06	3.88	5%
3.5.5	LT-2	10.90	10.82	1%	10.91	11.01	-1%
3.5.6	LT-3	7.68	7.64	1%	8.26	8.27	0%
3.5.7	LT-4	22.12	7.30	203%	13.80	6.29	119%
3.5.8	LT-5	5.60	5.73	-2%	6.94	4.76	46%
3.5.9	LT-5 A (ii)	6.99	6.42	9%	8.34	4.86	72%
3.5.10	LT-5 excluding A(ii)	1.86	3.46	-46%	3.60	4.47	-20%
3.5.11	LT	5.96	5.29	13%	6.21	4.97	25%
3.5.12	HT-1	6.37	7.48	-15%	7.99	7.28	10%
3.5.13	HT-2	11.16	11.66	-4%	11.38	11.71	-3%
3.5.14	HT-3	7.20	7.16	1%	7.11	7.31	-3%
3.5.15	HT-4	9.05	6.95	30%	7.29	7.22	1%
3.5.16	HT-5	0.40	0.97	-59%	2.86	1.35	113%
3.5.17	Rescos	0.40	0.64	-38%	0.75	0.66	13%
3.5.18	HT	7.00	6.42	9%	7.06	6.68	6%
3.5.19	ARR	6.39	5.72	12%	6.53	5.55	18%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	39	41	-3%	429	464	-7%
3.6.2	LT-1B	112	103	8%	1500	1394	8%
3.6.3	LT-1C	210	191	10%	4716	3328	42%
3.6.4	LT-1	77	79	-3%	1107	1097	1%
3.6.5	LT-2	145	149	-2%	1737	1549	12%

3.6.6	LT-3	1760	1747	1%	14231	15759	-10%
3.6.7	LT-4	346	339	2%	3793	3592	6%
3.6.8	LT-5	694	784	-11%	7187	7617	-6%
3.6.9	LT-5 A (ii)	532	630	-16%	5333	5991	-11%
3.6.10	LT-5 excluding A(ii)	3964	3990	-1%	40674	39498	3%
3.6.11	LT	158	166	-5%	1856	1849	0%
3.6.12	HT-1	36814	38972	-6%	510436	535123	-5%
3.6.13	HT-2	25558	25031	2%	305753	259167	18%
3.6.14	HT-3	243566	213971	14%	654300	2027532	-68%
3.6.15	HT-4	276968	257947	7%	2960366	2211787	34%
3.6.16	HT-5	185098	252859	-27%	1564679	2097206	-25%
3.6.17	Rescos	########	847160	5464%	########	8841348	306%
3.6.18	HT	164517	154379	7%	690326	1443926	-52%
3.6.19	AMC	268	268	0%	2992	2810	6%

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

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

4. Purchase by Categories

4.1 Energy Purchased by Source (MU)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.1.1	State Thermal	2121 (41%)	1855 (38%)	14%	2678 (47%)	-21%	19613 (32%)	13456 (25%)	46%	28191 (46%)	-30%
4.1.2	State Hydel	233 (5%)	260 (5%)	-10%	282 (5%)	-17%	3436 (6%)	3454 (7%)	-1%	2904 (5%)	18%
4.1.3	CGS	1118 (22%)	1057 (22%)	6%	1157 (20%)	-3%	11628 (19%)	11216 (21%)	4%	12299 (20%)	-5%
4.1.4	Gas	42 (1%)	114 (2%)	-63%	88 (2%)	-52%	1009 (2%)	1993 (4%)	-49%	922 (1%)	9%
4.1.5	IPPs	142 (3%)	143 (3%)	-1%	137 (2%)	4%	1625 (3%)	3331 (6%)	-51%	1468 (2%)	11%
4.1.6	VRE-Wind	269 (5%)	333 (7%)	-19%	460 (8%)	-42%	7734 (13%)	5712 (11%)	35%	7108 (12%)	9%
4.1.7	VRE-Solar	571 (11%)	572 (12%)	0%	699 (12%)	-18%	6515 (11%)	5652 (11%)	15%	7066 (11%)	-8%
4.1.8	RE-Others	22 (0%)	37 (1%)	-39%	60 (1%)	-63%	232 (0%)	309 (1%)	-25%	433 (1%)	-46%
4.1.9	Markets	578 (11%)	460 (10%)	26%	176 (3%)	228%	9660 (16%)	7799 (15%)	24%	1213 (2%)	696%
4.1.10	Others	53 (1%)	0 (0%)	-	0 (0%)	-	215 (0%)	-4 (0%)	-	0 (0%)	-
4.1.11	Discom Purchases	5149	4831	7%	5736	-10%	61667	52920	5406%	61604	0%

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	1026 (45%)	883 (43%)	16%	1262 (57%)	-19%	9568 (36%)	7067 (32%)	35%	13382 (56%)	-28%
4.2.2	State Hydel	51 (2%)	50 (2%)	2%	51 (2%)	0%	563 (2%)	551 (2%)	2%	563 (2%)	0%
4.2.3	CGS	477 (21%)	421 (20%)	13%	465 (21%)	3%	4577 (17%)	4651 (21%)	-2%	4978 (21%)	-8%
4.2.4	Gas	14 (1%)	28 (1%)	-50%	21 (1%)	-33%	264 (1%)	535 (2%)	-51%	221 (1%)	19%
4.2.5	IPPs	53 (2%)	57 (3%)	-8%	55 (3%)	-4%	628 (2%)	1347 (6%)	-53%	598 (3%)	5%
4.2.6	VRE-Wind	65 (3%)	157 (8%)	-59%	112 (5%)	-42%	3231 (12%)	2693 (12%)	20%	1727 (7%)	87%
4.2.7	VRE-Solar	207 (9%)	256 (12%)	-19%	175 (8%)	18%	2640 (10%)	2548 (11%)	4%	1772 (7%)	49%
4.2.8	RE-Others	10 (0%)	17 (1%)	-44%	0 (0%)	-	107 (0%)	140 (1%)	-24%	0 (0%)	-
4.2.9	Markets	341 (15%)	197 (10%)	73%	65 (3%)	421%	4865 (18%)	2716 (12%)	79%	452 (2%)	977%
4.2.10	Others	38 (2%)	-1 (0%)	-	0 (0%)	-	164 (1%)	43 (0%)	285%	0 (0%)	-
4.2.11	Power Purchase Cost	2282	2065	11%	2207	3%	26606	22291	19%	23694	12%

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	305	259	18%	352	-13%	2989	2747	9%	3870	-23%
4.3.2	State Hydel	51	50	2%	51	0%	563	551	2%	563	0%
4.3.3	CGS	143	133	7%	125	14%	1332	1292	3%	1377	-3%
4.3.4	Gas	2	2	-2%	2	8%	19	37	-49%	18	4%
4.3.5	IPPs	21	24	-11%	23	-8%	263	378	-30%	256	3%
4.3.6	Fixed Cost	522	468	12%	553	-6%	5166	5005	3%	6084	-15%

4.4 Variable Cost by Source (Rs Cr)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.4.1	State Thermal	721	624	15%	911	-21%	6579	4320	52%	9512	-31%
4.4.2	CGS	335	288	16%	340	-2%	3246	3359	-3%	3601	-10%
4.4.3	Gas	12	27	-54%	19	-36%	244	498	-51%	203	21%
4.4.4	IPPs	31	33	-6%	32	-2%	365	969	-62%	342	7%
4.4.5	VRE-Wind	65	157	-59%	112	-42%	3231	2693	20%	1727	87%
4.4.6	VRE-Solar	207	256	-19%	175	18%	2640	2548	4%	1772	49%
4.4.7	RE-Others	9	17	-49%	0	-	105	140	-25%	0	-
4.4.8	Markets	341	197	73%	65	421%	4865	2716	79%	452	977%
4.4.9	Variable Cost	1721	1599	8%	1654	4%	21275	17244	23%	17610	21%

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	4.84	4.76	2%	4.71	3%	4.88	5.25	-7%	4.75	3%
4.5.2	State Hydel	2.19	1.93	14%	1.82	21%	1.64	1.60	3%	1.94	-15%
4.5.3	CGS	4.27	3.98	7%	4.02	6%	3.94	4.15	-5%	4.05	-3%
4.5.4	Gas	3.37	2.48	36%	2.39	41%	2.61	2.68	-3%	2.40	9%
4.5.5	IPPs	3.71	4.00	-7%	4.03	-8%	3.86	4.04	-4%	4.07	-5%
4.5.6	VRE-Wind	2.42	4.72	-49%	2.43	0%	4.18	4.72	-11%	2.43	72%
4.5.7	VRE-Solar	3.63	4.47	-19%	2.50	45%	4.05	4.51	-10%	2.51	62%
4.5.8	RE-Others	4.34	4.73	-8%	0.00	-	4.60	4.55	1%	0.00	-
4.5.9	Markets	5.90	4.27	38%	3.71	59%	5.04	3.48	45%	3.72	35%
4.5.10	Others	7.25	0.00	-	0.00	-	7.63	-105.09	-107%	0.00	-
4.5.11	Weighted Average	4.43	4.28	4%	3.85	15%	4.31	4.21	2%	3.85	12%

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	1.44	1.40	3%	1.31	9%	1.52	2.04	-25%	1.37	11%
4.6.2	State Hydel	2.19	1.93	14%	1.82	21%	1.64	1.60	3%	1.94	-15%
4.6.3	CGS	1.28	1.26	2%	1.08	18%	1.15	1.15	-1%	1.12	2%
4.6.4	Gas	0.43	0.16	167%	0.19	126%	0.19	0.19	2%	0.20	-5%
4.6.5	IPPs	1.51	1.68	-10%	1.70	-11%	1.62	1.13	43%	1.74	-7%
4.6.6	Average FC	1.09	0.97	13%	0.96	13%	0.86	0.95	-9%	0.99	-12%

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

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.7.1	State Thermal	3.40	3.36	1%	3.40	0%	3.35	3.21	4%	3.37	-1%
4.7.2	CGS	2.99	2.73	10%	2.94	2%	2.79	2.99	-7%	2.93	-5%
4.7.3	Gas	2.94	2.32	27%	2.20	34%	2.42	2.50	-3%	2.20	10%
4.7.4	IPPs	2.20	2.33	-5%	2.33	-5%	2.24	2.91	-23%	2.33	-4%
4.7.5	VRE-Wind	2.42	4.72	-49%	2.43	0%	4.18	4.72	-11%	2.43	72%
4.7.6	VRE-Solar	3.63	4.47	-19%	2.50	45%	4.05	4.51	-10%	2.51	62%
4.7.7	RE-Others	4.34	4.73	-8%	0.00	-	4.60	4.55	1%	0.00	-
4.7.8	Markets	5.90	4.27	38%	3.71	59%	5.04	3.48	45%	3.72	35%
4.7.9	Average VC	3.34	3.31	1%	2.88	16%	3.45	3.26	6%	2.86	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	1341	1276	5%	16459	14655	12%
4.8.2	11KV	210	200	5%	2472	2072	19%
4.8.3	33KV	244	210	16%	2832	2069	37%
4.8.4	EHT	487	379	28%	4843	3496	39%
4.2.11	Power Purchase Cost	2282	2065	11%	26606	22291	19%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	557	531	5%	6719	6819	-1%
4.9.2	11KV	87	83	5%	1009	964	5%
4.9.3	33KV	102	87	16%	1156	963	20%
4.9.4	EHT	202	158	28%	1977	1627	22%
2.20	Network Cost	948	860	10%	10861	10373	5%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	20	20	-1%	237	254	-7%
4.10.2	11KV	3	3	-1%	36	36	-1%
4.10.3	33KV	4	3	10%	41	36	14%
4.10.4	EHT	7	6	21%	70	61	15%
2.23	Retail Supply Cost	33	32	4%	383	386	-1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	1918	1827	5%	23414	21728	8%
4.11.2	11KV	301	286	5%	3517	3072	14%
4.11.3	33KV	349	300	16%	4028	3067	31%
4.11.4	EHT	696	543	28%	6890	5183	33%
2.24	Cost of Service	3264	2957	10%	37850	33050	15%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	88	115	-24%	1154	1076	7%
4.12.2	11KV	110	91	21%	1308	1230	6%
4.12.3	33KV	185	148	25%	1864	1512	23%
4.12.4	EHT	150	139	8%	1680	1401	20%
4.12.5	Loss	533	493	8%	6007	5219	15%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	1978	1879	5%	24085	22251	8%
4.13.2	11KV	301	283	6%	3498	3044	15%
4.13.3	33KV	339	290	17%	3880	2945	32%
4.13.4	EHT	646	505	28%	6386	4810	33%
2.24	Cost of Service	3264	2957	10%	37850	33050	15%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	6.8	6.4	6%	7.1	6.9	3%
4.14.2	11KV	6.6	6.2	7%	6.9	6.6	3%
4.14.3	33KV	6.4	6.0	6%	6.7	6.4	3%
4.14.4	EHT	6.1	5.8	5%	6.4	6.2	3%
2.37	ACS	6.6	6.2	6%	6.9	6.7	3%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2130	2229	2199	2189	8748
5.1.2	Agriculture Subsidy	1824	1824	1825	1825	7298
5.1.3	Aquaculture Subsidy	255	237	229	223	944
5.1.4	SC Colonies Subsidy	42	138	118	112	410
5.1.5	ST Thandas Subsidy	10	28	26	24	88
5.1.6	Other Subsidy	-1	2	2	5	8
5.1.7	Govt Agencies	1012	1251	1530	1325	5119
5.1.8	Panchayats	330	340	407	307	1383
5.1.9	WR Dept	324	360	540	407	1631
5.1.10	ULB	130	163	172	170	635
5.1.11	Other Govt Dept	229	388	410	442	1469
5.1.12	Govt serviced debt	105	0	468	233	806
5.1.13	UDAY Receivables	0	0	0	0	0
5.1.14	Private Customers Receivables	7153	6987	6576	6229	26945
5.1.15	Total	10401	10467	10773	9977	41618
5.1.16	Opex Loans	4819	1246	1167	0	7232
5.1.17	Capex Loans	170	69	60	0	299

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% Δ ERC
				CY	PY			
5.2.1	Subsidy	733	732	676	656	56	3%	-8%
5.2.2	Agriculture Subsidy	608	608	644	656	-36	-2%	6%
5.2.3	Aquaculture Subsidy	69	81	0	0	81	-	-100%
5.2.4	SC Colonies Subsidy	44	34	24	0	11	-	-47%
5.2.5	ST Thandas Subsidy	9	8	8	0	0	-	-6%
5.2.6	Other Subsidy	3	1	0	0	1	-	-100%
5.2.7	Govt Agencies	385	521	602	241	-81	150%	57%
5.2.8	Panchayats	108	104	96	54	8	76%	-11%
5.2.9	WR Dept	113	167	5	1	162	634%	-96%
5.2.10	ULB	42	71	351	92	-280	281%	732%
5.2.11	Other Govt Dept	122	179	151	94	29	60%	24%
5.2.12	Govt serviced debt	0	112	81	63	31	27%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2182	2082	1885	1814	197	4%	-14%
5.2.15	Total	3299	3447	3244	2774	203	17%	-2%
5.2.16	Opex Loans	0	0	720	80	720	800%	-
5.2.17	Capex Loans	0	0	0	0	0	-	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD > 180 Days	% ↑	% Δ ERC
					CY	PY				
5.3.1	Subsidy	14034	8092	8117	7909	4886	14242	9062	62%	-2%
5.3.2	Agriculture Subsidy	12127	6689	6690	7205	4422	11612	7174	63%	8%
5.3.3	Aquaculture Subsidy	1176	840	875	460	332	1591	1161	38%	-45%
5.3.4	SC Colonies Subsidy	552	460	449	236	131	765	543	80%	-49%
5.3.5	ST Thandas Subsidy	167	87	95	8	0	255	172	-	-91%
5.3.6	Other Subsidy	12	16	7	0	0	19	12	-	-100%
5.3.7	Govt Agencies	8109	4034	4734	3594	1890	9249	7047	90%	-11%
5.3.8	Panchayats	3710	1136	1275	1342	396	3644	3288	239%	18%
5.3.9	WR Dept	3728	1084	1519	290	47	4957	3120	515%	-73%

5.3.10	ULB	441	454	592	731	468	302	440	56%	61%
5.3.11	Other Govt Dept	229	1360	1348	1231	979	346	198	26%	-10%
5.3.12	Govt serviced debt	220	0	806	736	299	291	283	146%	-
5.3.13	UDAY Receivables	3475	0	0	0	0	3475	0	-	-
5.3.14	Private Customers Receivables	3059	24555	24763	24260	20582	3562	2472	18%	-1%
5.3.15	Total	28897	36681	38420	36498	27656	30819	18864	32%	0%
5.3.16	Opex Loans	0	0	7232	8805	3678	1572	0	139%	-
5.3.17	Capex Loans	0	0	299	562	238	263	0	136%	-

6. Payables

6.1 Expenditure for FY22 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	7289	7379	7404	6834	28907
6.1.2	State Thermal	2329	2626	2587	3306	10847
6.1.3	State Hydel	154	154	154	154	614
6.1.4	CGS	1138	1212	1246	1460	5056
6.1.5	IPPs Gas	94	89	52	52	287
6.1.6	IPPs Thermal	176	175	163	169	683
6.1.7	VRE- Wind	941	1381	780	237	3339
6.1.8	VRE- Solar	846	675	652	675	2849
6.1.9	RE-Others	33	22	30	43	128
6.1.10	Market	1529	1005	1715	691	4940
6.1.11	Other	49	41	26	48	164
6.1.12	Wind @ interim rate	486	708	307	237	1738
6.1.13	Solar @ interim rate	479	382	164	311	1336
6.1.14	CTU Cost	175	238	180	223	816
6.1.15	STU Cost	614	609	567	545	2335
6.1.16	Distribution Cost	2177	2176	2527	2210	9089
6.1.17	O&M Cost	1371	1301	1627	1303	5601
6.1.18	HR Cost	1124	1115	1408	1085	4732
6.1.19	A&G Cost	80	64	60	57	262
6.1.20	R&M Cost	166	122	159	160	607
6.1.21	Depreciation	331	337	351	369	1389
6.1.22	ROCE	332	341	354	391	1419
6.1.23	Others	142	196	194	147	680
6.1.24	Cost of Service	10255	10402	10678	9812	41147
6.1.25	Capex Debt service (P+I)	357	351	384	402	1494
6.1.26	Opex Debt service (P+I)	2222	2699	3665	1353	9940

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2242	2282	2893	1215	-611	138%	29%
6.2.2	State Thermal	1240	1026	1084	865	-58	25%	-13%
6.2.3	State Hydel	51	51	52	52	-1	0%	2%
6.2.4	CGS	472	477	816	0	-339	-	73%
6.2.5	IPPs Gas	22	14	14	22	0	-36%	-37%
6.2.6	IPPs Thermal	55	53	102	48	-49	113%	85%
6.2.7	VRE- Wind	112	65	9	26	56	-65%	-92%
6.2.8	VRE- Solar	174	207	362	2	-155	18000%	108%
6.2.9	RE-Others	24	10	30	2	-20	1400%	23%
6.2.10	Market	92	341	424	198	-83	114%	363%
6.2.11	Other	0	38	0	0	38	-	0%
6.2.12	Wind @ interim rate	112	65	9	26	56	-65%	-92%
6.2.13	Solar @ interim rate	174	42	362	2	-320	18000%	108%
6.2.14	CTU Cost	109	61	85	81	-24	5%	-22%
6.2.15	STU Cost	183	159	110	114	49	-4%	-40%
6.2.16	Distribution Cost	762	757	496	533	261	-7%	-35%
6.2.17	O&M Cost	495	433	433	398	0	9%	-13%
6.2.18	HR Cost	406	372	372	340	0	10%	-8%
6.2.19	A&G Cost	29	10	10	17	0	-39%	-64%
6.2.20	R&M Cost	60	50	50	41	0	21%	-17%
6.2.21	Depreciation	109	129	0	44	0	-100%	-100%
6.2.22	ROCE	130	132	0	47	0	-100%	-100%

6.2.23	Others	28	63	63	44	0	44%	125%
6.2.24	Cost of Service	3296	3260	3584	1943	-324	84%	9%
7.2.2	Capex Debt service (P+I)	144	119	119	74	0	61%	-17%
7.2.1	Opex Debt service (P+I)	0	977	890	365	87	144%	0%

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	13327	23892	26606	30778	24803	9156	3187	24%	29%
6.3.2	State Thermal	4748	13363	9568	13918	10179	399	704	37%	4%
6.3.3	State Hydel	130	563	563	596	594	97	130	0%	6%
6.3.4	CGS	2137	4984	4577	7242	7802	-527	56	-7%	45%
6.3.5	IPPs Gas	93	223	264	311	657	45	31	-53%	40%
6.3.6	IPPs Thermal	661	598	628	782	1518	507	324	-48%	31%
6.3.7	VRE- Wind	3847	1727	3231	1413	580	5665	1419	144%	-18%
6.3.8	VRE- Solar	1640	1771	2640	721	289	3559	523	149%	-59%
6.3.9	RE-Others	99	198	107	234	127	-28	0	84%	18%
6.3.10	Market	-29	464	4865	4394	2761	443	0	59%	847%
6.3.11	Other	0	0	164	1167	295	-1003	0	296%	-
6.3.12	Wind @ interim rate	251	1727	1630	775	532	1107	0	46%	-55%
6.3.13	Solar @ interim rate	108	1771	1126	628	231	607	0	171%	-65%
6.3.14	CTU Cost	127	1296	707	977	916	-142	0	7%	-25%
6.3.15	STU Cost	1642	2153	2152	1806	1231	1988	254	47%	-16%
6.3.16	Distribution Cost	0	8505	8327	5622	5693	2704	0	-1%	-34%
6.3.17	O&M Cost	0	5367	5106	5088	5045	18	0	1%	-5%
6.3.18	HR Cost	0	4377	4326	4315	4242	11	0	2%	-1%
6.3.19	A&G Cost	0	317	233	236	271	-3	0	-13%	-25%
6.3.20	R&M Cost	0	674	547	537	532	10	0	1%	-20%
6.3.21	Depreciation	0	1214	1280	0	80	0	0	-100%	-100%
6.3.22	ROCE	0	1453	1288	0	47	0	0	-100%	-100%
6.3.23	Others	0	471	652	534	522	118	0	2%	13%
6.3.24	Cost of Service	15096	35846	37792	39183	32644	13706	3441	20%	9%
6.3.25	Capex Debt service (P+I)	0	1579	1351	1351	656	0	0	106%	-14%
6.3.26	Opex Debt service (P+I)	1000	0	9940	10257	5722	683	0	79%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	357	351	384	402	1494
7.1.2	ERC disallowable-Opex Debt	2222	2699	3665	1353	9940
7.1.3	Debt Servicing	2579	3050	4049	1756	11434

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	119	119	74	0	61%	-17%
7.2.2	ERC disallowable-Opex Debt	0	977	890	365	87	144%	0%
7.2.3	Debt Servicing	144	1096	1009	439	87	130%	602%

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	1579	1351	1351	656	0	0	106%	-14%
7.3.2	ERC disallowable-Opex Debt	1000	0	9940	10257	5722	-317	240	79%	0%
7.3.3	Debt Servicing	1000	1579	11290	11607	6378	-317	240	82%	635%

7.4 Debt Outstanding (Rs Cr)

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

Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) * 100}{\text{Value in Last Year for given Category}}$
Apr-April, May-May, Jun-June, Jul-July, Aug-August, Sep-September, Oct- October, Nov- November, Dec- December, Jan- January, Feb-February, Mar- March	
FY	Financial Year Ending with March
Mth	Month
YTD	Year to Date
MU	Million Units (10 ⁶ Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 ³ V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) * 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 ⁶ Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Year
CY	Current Year
Tariff Categories	
LT-1A	LT Domestic Consumers with consumption < 75units in the month
LT-1B	LT Domestic Consumers with consumption > 75 units and <225 units in the month
LT-1C	LT Domestic Consumers with consumption > 225units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)
LT-3	Industrial (LT)
LT-4	Institutional (LT)
LT-5	Agriculture (LT)
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)
HT-2	Commercial (HT)
HT-3	Industrial (HT)
HT-4	Institutional (HT)
HT-5	Agriculture (HT)
Rescos	Rural Electric Supply Cooperative Societies
Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)

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

Glossary

1. Sales

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

Note:

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

2. Purchases

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

2.09	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)*100}}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
Network Cost (Rs Cr)		
2.10	STU Cost	a =Expenditure for using State Transmission Network for Transmission of Power
2.11	CTU Cost	b =Expenditure for using Central Transmission Network for Transmission of Power
2.12	Distribution Network Cost	c =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.13	O&M Cost	d =Operation and Maintenance Cost (e+f+g)
2.14	HR Cost	e =Human Resource Cost
2.15	A&G Cost	f =Admin and General Cost
2.16	R & M Cost	g =Repairs and Maintenance
2.17	Depreciation	h =the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.18	ROCE	i =Return on Capital Employed
2.19	Others	j =Any other Cost
2.20	Network Cost	CTU Cost + STU Cost + Distribution Cost
Retail Supply Cost (Rs Cr)		
2.21	B&C Cost and Supply Margin	k =Billing and Collection Cost and Supply Gain Margin
2.22	Interest on Security Deposits	l =interest on security deposit collected from the consumers
2.23	Retail Supply Cost	k+l
Cost of Service (Rs Cr)		
2.24	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
KPIs on Purchase basis		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.28	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
2.31	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.32	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	ACS	$\frac{\text{Cost of Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
AT&C Losses		
2.39	Collection η	$J=(F+G-I)/E*100$
2.40	Units Realized	$K=D*J/100$
2.41	Units Unrealized	$L=C-K$
2.42	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} =L/(\text{Discom Input}) *100$
ARR-ACS GAP		
2.43	GAP	=ARR-ACS

Note:

1. Energy Purchased (MU) & Power Purchase Cost (Rs Cr) is obtained from APPCC.

3. Sales by Categories

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

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

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

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

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

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

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

4. Expenditure by Category

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

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

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

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

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

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

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

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

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

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

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

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

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

Note:

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

5. Receivables

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

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

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

- Receivables are obtained from APPCC

6. Payables

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

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

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

- Payables data is obtained from APPCC
- Data related to CGS -Solar is included in VRE Solar

7. Debt Servicing

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

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

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

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

- Debt servicing data is obtained from APPCC