

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators July-2023

Prepared by- Strategic Planning Unit

Disclaimer

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

Copyright © SPU. Produced 20 September 2023.

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

Contents

1.	Sales	1
2.	Purchases.....	2
3.	Sales by Categories	4
	3.1 Energy Sales by Category (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)	8
	4.5 Average Energy Cost per Unit by Source (Rs/kWh)	8
	4.6 Fixed Cost per Unit by Source (Rs/kWh).....	8
	4.7 Variable Cost per Unit by Source (Rs/kWh).....	8
	4.8 Power Purchase Cost by Voltage Level on Sales basis (Rs Cr).....	9
	4.9 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/kWh)	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 FY23 (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	5233 (84%)	4744 (88%)	10%	20604 (82%)	19038 (84%)	8%
3.1.12	Agl Consumption	MU	1005 (16%)	650 (12%)	55%	4569 (18%)	3570 (16%)	28%
3.1.22	Discom Sales	MU	6238	5394	16%	25173	22608	11%
1.02	Private Sales	MU	4323 (69%)	3964 (73%)	9%	16731 (66%)	15763 (70%)	6%
1.03	Government Sales	MU	524 (8%)	431 (8%)	22%	2128 (8%)	1692 (7%)	26%
1.04	Government Subsidy	MU	1390 (22%)	999 (19%)	39%	6313 (25%)	5153 (23%)	23%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	16400	13618	20%	15694	12661	24%
5.2.14	Pvt Sales	Rs Cr	3585	3041	18%	13789	11075	25%
5.2.7	Gov Sales	Rs Cr	314	179	76%	1057	765	38%
5.2.1	Gov Subsidy	Rs Cr	662	444	49%	3507	4500	-22%
1.06	Others	Rs Cr	0	88	-100%	0	348	-100%
5.2.15	Discom Collections	Rs Cr	4561	3751	22%	18353	16688	10%
1.07	Metered Sales	Rs Cr	3998	3545	11%	15136	12333	19%
3.3.13	Agl Consumption	Rs Cr	562	119	79%	3219	4007	-24%
1.08	Revenue from Sale	Rs Cr	4916	4013	22%	17893	15515	15%
1.09	Adj Revenue from Sale	Rs Cr	4615	4102	12%	17681	16542	7%
1.10	Closing Debtors	Rs Cr	16669	13871	20%	16669	13871	20%
1.11	Adj Closing Debtors	Rs Cr	16669	13871	20%	16669	13871	20%
KPIs								
3.5.22	ARR	Rs/kWh	7.31	6.79	8%	7.29	7.23	1%
3.6.22	AMC	kWh/bill/Mth	325	289	12%	328	303	8%
3.7.22	ACPB	Rs/bill/Mth	2373	1962	21%	2388	2188	9%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	6238 (92%)	5394 (87%)	16%	25173 (91%)	22608 (90%)	11%
2.01	Discom Losses	MU	286 (4%)	324 (5%)	-12%	1833 (7%)	1595 (6%)	15%
2.02	Discom Input	MU	6220 (92%)	5417 (87%)	14%	26387 (95%)	23595 (94%)	12%
4.12.4	Transmission Loss	MU	148 (2%)	144 (2%)	2%	709 (3%)	662 (3%)	7%
4.1.11	Discom Purchases	MU	6752	6212	9%	27633	25032	10%
4.2.11	Power Purchase Cost	Rs. Cr	3631 (77%)	3006 (75%)	21%	14810 (76%)	13267 (76%)	12%
Contracted Network Capacity (MW)								
2.03	STU	MW	15027	13877	8%	15027	13877	8%
2.04	CTU	MW	1638	1726	-5%	1775	1726	3%
2.05	Distribution	MW	13811	12412	11%	13811	12412	11%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.5	1.6	-6%	1.9	1.7	9%
2.07	CTU Charges	Rs. Lacs/MW/Mth	5.7	5.3	8%	7.3	5.9	23%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	5.3	5.4	-2%	5.3	5.4	-2%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	229 (5%)	222 (6%)	3%	1116 (6%)	941 (5%)	19%
2.10	CTU Cost	Rs Cr	93 (2%)	92 (2%)	2%	517 (3%)	408 (2%)	27%
2.11	Distribution Network Cost	Rs Cr	734 (16%)	672 (17%)	9%	2894 (15%)	2651 (15%)	9%
2.12	O&M Cost	Rs Cr	515	454	13%	1890	1813	4%
2.13	HR Cost	Rs Cr	429	382	12%	1584	1534	3%
2.14	A&G Cost	Rs Cr	22	17	29%	75	67	12%
2.15	R & M Cost	Rs Cr	64	55	18%	231	212	9%
2.16	Depreciation	Rs Cr	146	143	2%	590	536	10%
2.17	ROCE	Rs Cr	55	28	94%	198	115	71%
2.18	Others	Rs Cr	19	48	-60%	216	187	15%
2.19	Network Cost	Rs Cr	1057 (22%)	986 (24%)	7%	4526 (23%)	4000 (23%)	13%
Retail Supply Cost (Rs. Cr)								
2.20	B&C Cost and Supply Margin	Rs Cr	16	14	17%	57	54	7%
2.21	Interest on Security Deposits	Rs Cr	26	19	35%	105	77	36%
2.22	Retail Supply Cost	Rs Cr	42 (1%)	33 (1%)	27%	162 (1%)	131 (1%)	24%
Cost of Service (Rs. Cr)								
2.23	Cost of Service	Rs Cr	4730	4026	17%	19499	17399	12%
7.2.2	ERC Disallowed Debt	Rs Cr	1373	186	638%	4446	2210	101%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.38	4.84	11%	5.36	5.30	1%
2.24	STU Cost per Unit	Rs/kWh	0.34	0.36	-5%	0.40	0.38	7%
2.25	CTU Cost per Unit	Rs/kWh	0.14	0.15	-6%	0.19	0.16	15%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.02	5.44	-81%	5.70	5.03	13%
2.26	Distribution Network Cost per Unit	Rs/kWh	1.09	1.08	0%	1.05	1.06	-1%
2.27	Network Cost per Unit	Rs/kWh	1.56	1.55	1%	1.64	1.60	2%
2.28	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	17%	0.06	0.05	12%
2.29	Cost of Service per Unit	Rs/kWh	7.01	6.48	8%	7.06	6.95	2%
KPIs on Sales basis								
2.30	Energy Cost on Sales Basis	Rs/kWh	5.82	5.57	4%	5.88	5.87	0%
2.31	STU Cost per Unit	Rs/kWh	0.37	0.37	0%	0.44	0.42	6%
2.32	CTU Cost per Unit	Rs/kWh	0.15	0.17	-12%	0.21	0.18	14%
2.33	Distribution Network Cost per Unit	Rs/kWh	1.18	1.25	-6%	1.15	1.17	-2%

2.34	Network Cost per Unit	Rs/kWh	1.69	1.83	-7%		1.80	1.77	2%
2.35	Retail Supply Cost per Unit	Rs/kWh	0.07	0.06	10%		0.06	0.06	11%
2.36	ACS	Rs/kWh	7.58	7.46	2%		7.75	7.70	1%
2.37	ERC Disallowed Debt per Unit	Rs/kWh	2.20	0.34	538%		1.77	0.98	81%
AT&C Losses									
2.38	Collection η	%	88%	96%	-8%		93%	99%	-6%
2.39	Units Realized	MU	5245	4885	7%		23033	21838	5%
2.40	Units Unrealized	MU	975	531	83%		3354	1757	91%
2.41	AT&C Losses	%	16%	10%	60%		13%	7%	71%
ACS-ARR GAP									
2.42	GAP	Rs/kWh	-0.27	-0.67	-59%		-0.45	-0.47	-3%

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	33 (1%)	30 (1%)	10%	129 (1%)	120 (1%)	8%
3.1.2	31-75	186 (3%)	198 (4%)	-6%	765 (3%)	776 (3%)	-2%
3.1.3	76-125	324 (5%)	341 (6%)	-5%	1348 (5%)	1337 (6%)	1%
3.1.4	126-225	468 (8%)	489 (9%)	-4%	1968 (8%)	1978 (9%)	0%
3.1.5	226-400	456 (7%)	351 (7%)	30%	1552 (6%)	1472 (7%)	5%
3.1.6	>400	460 (7%)	235 (4%)	96%	1351 (5%)	1101 (5%)	23%
3.1.7	LT-1	1927 (31%)	1643 (30%)	17%	7113 (28%)	6783 (30%)	5%
3.1.8	LT-2	359 (6%)	313 (6%)	15%	1376 (5%)	1283 (6%)	7%
3.1.9	LT-3	128 (2%)	141 (3%)	-9%	534 (2%)	574 (3%)	-7%
3.1.10	LT-4	137 (2%)	131 (2%)	4%	566 (2%)	547 (2%)	3%
3.1.11	LT-5	1346 (22%)	976 (18%)	38%	5982 (24%)	5094 (23%)	17%
3.1.12	LT-5 A (ii)	1005 (16%)	650 (12%)	55%	4569 (18%)	3570 (16%)	28%
3.1.13	LT-5 excluding A(ii)	341 (5%)	326 (6%)	5%	1413 (6%)	1523 (7%)	-7%
3.1.14	LT	3897 (62%)	3203 (59%)	22%	15571 (62%)	14280 (63%)	9%
3.1.15	HT-1	7 (0%)	6 (0%)	11%	28 (0%)	24 (0%)	14%
3.1.16	HT-2	201 (3%)	162 (3%)	25%	788 (3%)	648 (3%)	22%
3.1.17	HT-3	1831 (29%)	1736 (32%)	5%	7465 (30%)	6483 (29%)	15%
3.1.18	HT-4	250 (4%)	234 (4%)	7%	1019 (4%)	927 (4%)	10%
3.1.19	HT-5	15 (0%)	19 (0%)	-24%	137 (1%)	84 (0%)	63%
3.1.20	Rescos	37 (1%)	33 (1%)	11%	164 (1%)	162 (1%)	1%
3.1.21	HT	2341 (38%)	2190 (41%)	7%	9601 (38%)	8328 (37%)	15%
3.1.22	Discom Sales	6238	5394	16%	25173	22608	11%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3897	3203	22%	15571	14280	9%
3.2.1	11KV	543	499	9%	2166	2003	8%
3.2.2	33KV	587	564	4%	2460	2227	10%
3.2.3	EHT	1211	1127	7%	4975	4099	21%
3.1.22	Discom Sales	6238	5394	16%	25173	22608	11%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	27 (1%)	21 (1%)	30%	100 (1%)	72 (0%)	40%
3.3.2	31-75	68 (1%)	61 (2%)	11%	259 (1%)	206 (1%)	26%
3.3.3	76-125	128 (3%)	117 (3%)	9%	489 (3%)	407 (2%)	20%
3.3.4	126-225	222 (5%)	211 (6%)	5%	854 (5%)	736 (5%)	16%
3.3.5	226-400	299 (7%)	215 (6%)	39%	925 (5%)	799 (5%)	16%
3.3.6	>400	380 (8%)	178 (5%)	114%	1039 (6%)	761 (5%)	37%
3.3.7	LT-1	1124 (25%)	803 (22%)	40%	3665 (20%)	2980 (18%)	23%
3.3.8	LT-2	449 (10%)	365 (10%)	23%	1630 (9%)	1399 (9%)	17%
3.3.9	LT-3	135 (3%)	126 (3%)	7%	531 (3%)	504 (3%)	5%
3.3.10	LT-4	74 (2%)	36 (1%)	105%	442 (2%)	148 (1%)	198%
3.3.11	LT-5	781 (17%)	585 (16%)	34%	4009 (22%)	4847 (30%)	-17%
3.3.12	LT-5 A (ii)	562 (12%)	119 (3%)	371%	3219 (18%)	4007 (25%)	-20%
3.3.13	LT-5 excluding A(ii)	219 (5%)	465 (13%)	-53%	789 (4%)	840 (5%)	-6%
3.3.14	LT	2562 (56%)	1915 (52%)	34%	10277 (56%)	9879 (60%)	4%
3.3.15	HT-1	7 (0%)	4 (0%)	53%	22 (0%)	17 (0%)	29%
3.3.16	HT-2	253 (6%)	182 (5%)	39%	914 (5%)	696 (4%)	31%
3.3.17	HT-3	1517 (33%)	1337 (36%)	13%	6307 (34%)	4977 (30%)	27%

3.3.18	HT-4	216 (5%)	155 (4%)	39%	780 (4%)	647 (4%)	21%
3.3.19	HT-5	4 (0%)	2 (0%)	67%	49 (0%)	19 (0%)	156%
3.3.20	Rescos	1 (0%)	69 (2%)	-98%	6 (0%)	105 (1%)	-94%
3.3.21	HT	1997 (44%)	1749 (48%)	14%	8079 (44%)	6461 (40%)	25%
3.3.22	Discom Collections	4560	3664	24%	18356	16340	12%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	31,40,413(16%)	29,71,944(16%)	6%	31,40,413(16%)	29,71,944(16%)	6%
3.4.2	31-75	34,41,578(18%)	37,21,378(20%)	-8%	34,41,578(18%)	37,21,378(20%)	-8%
3.4.3	76-125	32,72,208(17%)	34,53,090(18%)	-5%	32,72,208(17%)	34,53,090(18%)	-5%
3.4.4	126-225	29,20,539(15%)	29,85,679(16%)	-2%	29,20,539(15%)	29,85,679(16%)	-2%
3.4.5	226-400	15,21,617(8%)	12,07,611(6%)	26%	15,21,617(8%)	12,07,611(6%)	26%
3.4.6	>400	8,03,297(4%)	4,17,006(2%)	93%	8,03,297(4%)	4,17,006(2%)	93%
3.4.7	LT-1	1,50,99,652(79%)	1,47,56,708(79%)	2%	1,50,99,652(79%)	1,47,56,708(79%)	2%
3.4.8	LT-2	16,98,044(9%)	16,30,720(9%)	4%	16,98,044(9%)	16,30,720(9%)	4%
3.4.9	LT-3	81,235(0%)	81,808(0%)	-1%	81,235(0%)	81,808(0%)	-1%
3.4.10	LT-4	3,59,962(2%)	3,44,299(2%)	5%	3,59,962(2%)	3,44,299(2%)	5%
3.4.11	LT-5	19,62,590(10%)	18,44,529(10%)	6%	19,62,590(10%)	18,44,529(10%)	6%
3.4.12	LT-5 A (ii)	18,82,115(10%)	17,54,789(9%)	7%	18,82,115(10%)	17,54,789(9%)	7%
3.4.13	LT-5 excluding A(ii)	80,475(0%)	89,740(0%)	-10%	80,475(0%)	89,740(0%)	-10%
3.4.14	LT	1,92,01,483(100%)	1,86,58,064(100%)	3%	1,92,01,483(100%)	1,86,58,064(100%)	3%
3.4.15	HT-1	126(0%)	113(0%)	12%	126(0%)	113(0%)	12%
3.4.16	HT-2	5,102(0%)	4,645(0%)	10%	5,102(0%)	4,645(0%)	10%
3.4.17	HT-3	6,699(0%)	6,471(0%)	4%	6,699(0%)	6,471(0%)	4%
3.4.18	HT-4	861(0%)	777(0%)	11%	861(0%)	777(0%)	11%
3.4.19	HT-5	726(0%)	719(0%)	1%	726(0%)	719(0%)	1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	13,515(0%)	12,726(0%)	6%	13,515(0%)	12,726(0%)	6%
3.4.22	Discom Bills	1,92,14,998	1,86,70,790	3%	1,92,14,998	1,86,70,790	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	8.27	7.03	18%	7.75	5.98	30%
3.5.2	31-75	3.64	3.07	18%	3.38	2.65	27%
3.5.3	76-125	3.94	3.43	15%	3.62	3.04	19%
3.5.4	126-225	4.75	4.32	10%	4.34	3.72	17%
3.5.5	226-400	6.56	6.14	7%	5.96	5.43	10%
3.5.6	>400	8.26	7.57	9%	7.70	6.91	11%
3.5.7	LT-1	5.83	4.89	19%	5.15	4.39	17%
3.5.8	LT-2	12.50	11.67	7%	11.85	10.91	9%
3.5.9	LT-3	10.51	8.96	17%	9.95	8.79	13%
3.5.10	LT-4	5.43	2.76	96%	7.80	2.71	188%
3.5.11	LT-5	5.80	5.99	-3%	6.70	9.52	-30%
3.5.12	LT-5 A (ii)	5.59	1.84	205%	7.05	11.22	-37%
3.5.13	LT-5 excluding A(ii)	6.43	14.27	-55%	5.58	5.51	1%
3.5.14	LT	6.58	5.98	10%	6.60	6.92	-5%
3.5.15	HT-1	10.07	7.29	38%	7.83	6.97	12%
3.5.16	HT-2	12.55	11.28	11%	11.60	10.74	8%
3.5.17	HT-3	8.28	7.70	8%	8.45	7.68	10%
3.5.18	HT-4	8.62	6.61	30%	7.66	6.98	10%
3.5.19	HT-5	2.77	1.27	118%	3.57	2.27	57%
3.5.20	Rescos	0.40	20.95	-98%	0.39	6.46	-94%
3.5.21	HT	8.53	7.99	7%	8.41	7.76	8%
3.5.22	ARR	7.31	6.79	8%	7.29	7.23	1%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	10	4%	10	10	2%
3.6.2	31-75	54	53	1%	56	52	6%
3.6.3	76-125	99	99	0%	103	97	6%
3.6.4	126-225	160	164	-2%	169	166	2%
3.6.5	226-400	300	290	3%	255	305	-16%
3.6.6	>400	573	563	2%	420	660	-36%
3.6.7	LT-1	128	111	15%	118	115	2%
3.6.8	LT-2	211	192	10%	203	197	3%
3.6.9	LT-3	1579	1720	-8%	1642	1753	-6%
3.6.10	LT-4	381	381	0%	393	397	-1%
3.6.11	LT-5	686	529	30%	762	690	10%
3.6.12	LT-5 A (ii)	534	370	44%	607	509	19%
3.6.13	LT-5 excluding A(ii)	4238	3634	17%	4391	4244	3%
3.6.14	LT	203	172	18%	203	191	6%
3.6.15	HT-1	53018	53451	-1%	55139	53715	3%
3.6.16	HT-2	39460	34812	13%	38606	34885	11%
3.6.17	HT-3	273388	268337	2%	278601	250448	11%
3.6.18	HT-4	290648	301145	-3%	295786	298130	-1%
3.6.19	HT-5	20288	26815	-24%	47283	29252	62%
3.6.20	Rescos	36506508	32760000	11%	41091627	40550000	1%
3.6.21	HT	173209	172103	1%	177607	163601	9%
3.6.22	AMC	325	289	12%	328	303	8%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	86	70	23%	80	60	32%
3.7.2	31-75	196	163	20%	188	138	36%
3.7.3	76-125	390	339	15%	373	294	27%
3.7.4	126-225	761	707	8%	731	616	19%
3.7.5	226-400	1968	1782	10%	1520	1654	-8%
3.7.6	>400	4727	4259	11%	3235	4563	-29%
3.7.7	LT-1	744	544	37%	607	505	20%
3.7.8	LT-2	2642	2238	18%	2400	2145	12%
3.7.9	LT-3	16590	15417	8%	16349	15402	6%
3.7.10	LT-4	2066	1053	96%	3066	1077	185%
3.7.11	LT-5	3979	3170	26%	5106	6569	-22%
3.7.12	LT-5 A (ii)	2984	680	339%	4276	5709	-25%
3.7.13	LT-5 excluding A(ii)	27241	51857	-47%	24517	23401	5%
3.7.14	LT	1334	1026	30%	1338	1324	1%
3.7.15	HT-1	534027	389446	37%	431523	374447	15%
3.7.16	HT-2	495418	392645	26%	447943	374769	20%
3.7.17	HT-3	2264118	2065879	10%	2353841	1922691	22%
3.7.18	HT-4	2505224	1991726	26%	2264953	2081989	9%
3.7.19	HT-5	56288	34058	65%	168686	66488	154%
3.7.20	Rescos	14602603	686222022	-98%	16075651	262030506	-94%
3.7.21	HT	1477966	1374700	8%	1494401	1269243	18%
3.7.22	ACPB	2373	1962	21%	2388	2188	9%

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	2326 (34%)	1862 (30%)	25%	1997 (34%)	17%	10677 (39%)	8207 (33%)	30%	9424 (37%)	13%
4.1.2	State Hydel	169 (3%)	312 (5%)	-46%	236 (4%)	-28%	619 (2%)	754 (3%)	-18%	813 (3%)	-24%
4.1.3	CGS	916 (14%)	1119 (18%)	-18%	962 (16%)	-5%	3918 (14%)	4639 (19%)	-16%	3871 (15%)	1%
4.1.4	Gas	0 (0%)	28 (0%)	- 101%	46 (1%)	-101%	-1 (0%)	156 (1%)	-101%	181 (1%)	-100%
4.1.5	IPPs	835 (12%)	533 (9%)	57%	1095 (18%)	-24%	3595 (13%)	1948 (8%)	84%	4357 (17%)	-17%
4.1.6	VRE-Wind	1641 (24%)	1370 (22%)	20%	1187 (20%)	38%	3639 (13%)	3557 (14%)	2%	3345 (13%)	9%
4.1.7	VRE-Solar	513 (8%)	594 (10%)	-14%	559 (9%)	-8%	2195 (8%)	2527 (10%)	-13%	2489 (10%)	-12%
4.1.8	RE-Others	22 (0%)	29 (0%)	-26%	27 (0%)	-18%	81 (0%)	112 (0%)	-28%	101 (0%)	-20%
4.1.9	Markets	330 (5%)	363 (6%)	-9%	0 (0%)	-	2525 (9%)	3075 (12%)	-18%	875 (3%)	189%
4.1.10	Others	0 (0%)	0 (0%)	-	-166 (- 3%)	-100%	385 (1%)	57 (0%)	577%	-177 (- 1%)	-317%
4.1.11	Discom Purchases	6752	6212	9%	5943	14%	27633	25032	10%	25279	9%

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	1457 (40%)	920 (31%)	58%	1056 (40%)	38%	5964 (40%)	4057 (31%)	47%	4781 (42%)	25%
4.2.2	State Hydel	54 (1%)	52 (2%)	2%	54 (2%)	0%	214 (1%)	210 (2%)	2%	214 (2%)	0%
4.2.3	CGS	558 (15%)	608 (20%)	-8%	342 (13%)	63%	2234 (15%)	2335 (18%)	-4%	1373 (12%)	63%
4.2.4	Gas	1 (0%)	19 (1%)	-96%	23 (1%)	-97%	2 (0%)	94 (1%)	-98%	89 (1%)	-98%
4.2.5	IPPs	347 (10%)	204 (7%)	70%	437 (17%)	-21%	1616 (11%)	778 (6%)	108%	1740 (15%)	-7%
4.2.6	VRE-Wind	780 (21%)	667 (22%)	17%	549 (21%)	42%	1726 (12%)	1701 (13%)	1%	1549 (14%)	11%
4.2.7	VRE-Solar	226 (6%)	262 (9%)	-14%	241 (9%)	-6%	974 (7%)	1078 (8%)	-10%	1076 (10%)	-9%
4.2.8	RE-Others	16 (0%)	17 (1%)	-7%	14 (1%)	8%	53 (0%)	68 (1%)	-22%	55 (0%)	-4%
4.2.9	Markets	193 (5%)	256 (9%)	-25%	0 (0%)	-	1853 (13%)	2828 (21%)	-34%	464 (4%)	299%
4.2.10	Others	0 (0%)	0 (0%)	-	-72 (-3%)	-100%	175 (1%)	119 (1%)	48%	-77 (-1%)	-329%
4.2.11	Power Purchase Cost	3631	3006	21%	2645	37%	14810	13267	12%	11265	31%

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	273	281	-3%	409	-33%	1217	1121	8%	1634	-26%
4.3.2	State Hydel	54	52	2%	54	0%	214	210	2%	214	0%
4.3.3	CGS	115	122	-6%	74	54%	468	562	-17%	297	57%
4.3.4	Gas	1	2	-71%	2	-63%	2	7	-73%	7	-76%
4.3.5	IPPs	123	65	90%	161	-24%	542	266	104%	644	-16%
4.3.6	Others	0	0	-	0	-	22	119	-82%	0	-
4.3.7	Fixed Cost	565	523	8%	699	-19%	2464	2285	8%	2797	-12%

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	1184	638	85%	647	83%	4747	2935	62%	3147	51%
4.4.2	CGS	443	486	-9%	268	65%	1766	1773	0%	1075	64%
4.4.3	Gas	0	16	-100%	21	-100%	0	87	-100%	82	-100%
4.4.4	IPPs	224	139	60%	276	-19%	1074	512	110%	1096	-2%
4.4.5	VRE-Wind	780	667	17%	549	42%	1726	1701	1%	1549	11%
4.4.6	VRE-Solar	226	262	-14%	241	-6%	974	1078	-10%	1076	-9%
4.4.7	RE-Others	15	17	-9%	14	12%	51	67	-24%	51	-1%
4.4.8	Markets	193	256	-25%	0	-	1853	2828	-34%	464	299%
4.4.9	Others	0	0	-	-72	-100%	154	0	-	-77	-301%
4.4.10	Variable Cost	3065	2483	23%	1944	58%	12344	10981	12%	8464	46%

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	6.26	4.94	27%	5.29	18%	5.59	4.94	13%	5.07	10%
4.5.2	State Hydel	3.17	1.68	89%	2.27	40%	3.45	2.78	24%	2.64	31%
4.5.3	CGS	6.09	5.44	12%	3.56	71%	5.70	5.03	13%	3.55	61%
4.5.4	Gas	-18.11	6.60	-374%	4.90	-470%	-22.25	6.02	-470%	4.90	-554%
4.5.5	IPPs	4.15	3.83	8%	3.99	4%	4.50	3.99	13%	3.99	13%
4.5.6	VRE-Wind	4.75	4.87	-2%	4.63	3%	4.74	4.78	-1%	4.63	2%
4.5.7	VRE-Solar	4.41	4.42	0%	4.31	2%	4.44	4.27	4%	4.32	3%
4.5.8	RE-Others	7.12	5.71	25%	5.41	32%	6.52	6.02	8%	5.43	20%
4.5.9	Markets	5.85	7.05	-17%	0.00	-	7.34	9.20	-20%	5.31	38%
4.5.10	Others	0.00	0.00	-	4.32	-100%	4.56	20.92	-78%	4.32	6%
4.5.11	Weighted Average	5.38	4.84	11%	4.45	21%	5.36	5.30	1%	4.46	20%

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	1.17	1.51	-22%	2.05	-43%	1.14	1.37	-17%	1.73	-34%
4.6.2	State Hydel	3.17	1.68	89%	2.27	40%	3.45	2.78	24%	2.64	31%
4.6.3	CGS	1.25	1.09	15%	0.77	62%	1.19	1.21	-1%	0.77	56%
4.6.4	Gas	-18.11	0.84	-2260%	0.40	-4671%	-22.25	0.42	-	0.40	-
4.6.5	IPPs	1.47	1.21	22%	1.47	0%	1.51	1.37	10%	1.48	2%
4.6.6	Average FC	0.84	0.84	-1%	1.18	-29%	0.89	0.91	-2%	1.11	-19%

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	5.09	3.43	48%	3.24	57%	4.45	3.58	24%	3.34	33%
4.7.2	CGS	4.84	4.35	11%	2.79	74%	4.51	3.82	18%	2.78	62%
4.7.3	Gas	0.00	5.76	-100%	4.50	-100%	0.00	5.60	-100%	4.50	-100%
4.7.4	IPPs	2.68	2.62	2%	2.52	6%	2.99	2.63	14%	2.51	19%
4.7.5	VRE-Wind	4.75	4.87	-2%	4.63	3%	4.74	4.78	-1%	4.63	2%
4.7.6	VRE-Solar	4.41	4.42	0%	4.31	2%	4.44	4.27	4%	4.32	3%
4.7.7	RE-Others	7.12	5.71	25%	5.41	32%	6.52	6.02	8%	5.43	20%
4.7.8	Markets	5.85	7.05	-17%	0.00	-	7.34	9.20	-20%	5.31	38%
4.7.9	Average VC	4.54	4.00	14%	3.27	39%	4.47	4.39	2%	3.35	33%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2268	1785	27%	9161	8380	9%
4.8.2	11KV	316	278	14%	1274	1175	8%
4.8.3	33KV	342	315	9%	1447	1307	11%
4.8.4	EHT	705	628	12%	2927	2405	22%
4.2.11	Power Purchase Cost	3631	3006	21%	14810	13267	12%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	660	586	13%	2800	2527	11%
4.9.2	11KV	92	91	1%	389	354	10%
4.9.3	33KV	99	103	-4%	442	394	12%
4.9.4	EHT	205	206	0%	895	725	23%
2.19	Network Cost	1057	986	7%	4526	4000	13%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	26	20	34%	100	83	21%
4.10.2	11KV	4	3	20%	14	12	20%
4.10.3	33KV	4	3	14%	16	13	23%
4.10.4	EHT	8	7	18%	32	24	35%
2.22	Retail Supply Cost	42	33	27%	162	131	24%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2955	2390	24%	12061	10990	10%
4.11.2	11KV	412	372	11%	1678	1541	9%
4.11.3	33KV	445	421	6%	1906	1714	11%
4.11.4	EHT	918	841	9%	3854	3154	22%
2.23	Cost of Service	4730	4025	18%	19498	17398	12%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	9	77	-88%	496	344	44%
4.12.2	11KV	117	103	14%	596	523	14%
4.12.3	33KV	160	145	10%	741	728	2%
4.12.4	EHT	148	144	2%	709	662	7%
4.12.5	Loss	433	468	-7%	2543	2257	13%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2997	2449	22%	12397	11251	10%
4.13.2	11KV	417	373	12%	1671	1541	8%
4.13.3	33KV	439	410	7%	1838	1661	11%
4.13.4	EHT	878	793	11%	3592	2946	22%
2.23	Cost of Service	4730	4025	18%	19498	17398	12%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.7	7.6	1%	8.0	7.9	1%
4.14.2	11KV	7.7	7.5	3%	7.7	7.7	0%
4.14.3	33KV	7.5	7.3	3%	7.5	7.5	0%
4.14.4	EHT	7.3	7.0	3%	7.2	7.2	0%
2.36	ACS	7.6	7.5	2%	7.7	7.7	1%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2845	2351	2534	2534	10263
5.1.2	Agriculture Subsidy	2596	1769	2036	2036	8437
5.1.3	Aquaculture Subsidy	249	327	115	115	807
5.1.4	SC Colonies Subsidy	0	97	146	146	390
5.1.5	ST Thandas Subsidy	0	20	30	30	80
5.1.6	Other Subsidy	0	138	207	207	551
5.1.7	Govt Agencies	743	1064	1125	1125	4057
5.1.8	Panchayats	283	323	426	426	1458
5.1.9	WR Dept	45	127	175	175	521
5.1.10	ULB	127	264	375	375	1141
5.1.11	Other Govt Dept	289	350	149	149	937
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	10205	9416	8746	8746	37112
5.1.15	Total	13793	12830	12405	12405	51433
5.1.16	Opex Loans	0	0	0	0	0
5.1.17	Capex Loans	0	0	0	0	0

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	Subsidy	845	758	662	444	96	49%	-22%
5.2.2	Agriculture Subsidy	679	575	411	118	164	248%	-39%
5.2.3	Aquaculture Subsidy	38	56	250	326	-194	-23%	552%
5.2.4	SC Colonies Subsidy	49	53	0	0	53	-	-100%
5.2.5	ST Thandas Subsidy	10	11	0	0	11	-	-100%
5.2.6	Other Subsidy	69	63	0	0	63	-	-100%
5.2.7	Govt Agencies	375	476	314	179	162	76%	-16%
5.2.8	Panchayats	142	159	39	12	120	218%	-72%
5.2.9	WR Dept	58	75	10	0	65	2544%	-83%
5.2.10	ULB	125	62	14	27	48	-49%	-89%
5.2.11	Other Govt Dept	50	180	251	139	-71	80%	406%
5.2.12	Govt serviced debt	0	0	0	88	0	-100%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2915	3480	3585	3041	-105	18%	23%
5.2.15	Total	4135	4714	4561	3751	153	22%	10%
5.2.16	Opex Loans	0	0	0	63	0	-100%	-
5.2.17	Capex Loans	0	0	0	9	0	-100%	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
5.3.1	Subsidy	12489	3378	3371	3507	4500	12353	13803	-22%	4%
5.3.2	Agriculture Subsidy	9944	2715	2687	3007	4000	9624	11111	-25%	11%
5.3.3	Aquaculture Subsidy	1392	154	262	499	501	1155	1161	0%	225%
5.3.4	SC Colonies Subsidy	829	195	202	0	0	1031	886	-	-100%
5.3.5	ST Thandas Subsidy	256	40	40	0	0	296	251	-	-100%
5.3.6	Other Subsidy	67	275	180	0	0	247	394	-	-100%
5.3.7	Govt Agencies	11143	1500	1950	1057	765	12036	10510	38%	-30%
5.3.8	Panchayats	5086	568	648	322	71	5412	4793	354%	-43%
5.3.9	WR Dept	5291	233	371	55	11	5608	4988	394%	-77%

5.3.10	ULB	356	500	229	141	106	444	340	32%	-72%
5.3.11	Other Govt Dept	410	198	702	540	577	572	389	-6%	172%
5.3.12	Govt serviced debt	0	0	0	0	348	0	0	-100%	-
5.3.13	UDAY Receivables	0	0	0	0	0	0	0	-	-
5.3.14	Private Customers Receivables	4513	11661	13846	13789	11075	4570	4143	25%	18%
5.3.15	Total	28144	16540	19167	18353	16688	28958	28456	10%	11%
5.3.16	Opex Loans	0	0	0	0	248	0	0	-100%	-
5.3.17	Capex Loans	0	0	0	0	52	0	0	-100%	-

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11179	8897	7521	8269	35867
6.1.2	State Thermal	4507	3837	3842	4273	16459
6.1.3	State Hydel	160	161	161	161	643
6.1.4	CGS	1676	1246	974	1027	4923
6.1.5	IPPs Gas	1	45	67	66	180
6.1.6	IPPs Thermal	1269	1151	1252	1300	4972
6.1.7	VRE- Wind	946	1651	315	356	3269
6.1.8	VRE- Solar	748	702	644	895	2989
6.1.9	Other-NCE	37	52	52	46	187
6.1.10	Market	1660	193	215	145	2212
6.1.11	Other	175	-141	0	0	34
6.1.12	CTU Cost	423	344	376	376	1519
6.1.13	STU Cost	887	808	868	868	3432
6.1.14	Distribution Cost	2279	2772	2993	2993	11036
6.1.15	O&M Cost	1375	1719	1805	1805	6704
6.1.16	HR Cost	1155	1403	1462	1462	5482
6.1.17	A&G Cost	53	96	112	112	372
6.1.18	R&M Cost	167	219	232	232	850
6.1.19	Depreciation	444	438	438	438	1758
6.1.20	ROCE	143	420	548	548	1658
6.1.21	Others	317	196	202	202	916
6.1.22	Cost of Service	14769	12821	11758	12506	51853
7.1.1	Capex Debt service (P+I)	435	451	438	438	1762
7.1.2	Opex Debt service (P+I)	3129	1390	0	0	4519

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2645	3631	4201	2807	-570	50%	59%
6.2.2	State Thermal	1056	1457	1801	1184	-344	52%	71%
6.2.3	State Hydel	54	54	54	59	0	-8%	1%
6.2.4	CGS	342	558	834	873	-276	-4%	144%
6.2.5	IPPs Gas	23	1	0	19	1	-100%	-100%
6.2.6	IPPs Thermal	437	347	580	181	-233	220%	33%
6.2.7	VRE- Wind	549	780	525	128	255	310%	-4%
6.2.8	VRE- Solar	241	226	202	38	24	432%	-16%
6.2.9	Other-NCE	14	16	22	16	-6	38%	52%
6.2.10	Market	0	193	183	309	10	-41%	-
6.2.11	Other	-72	0	0	0	0	-	-100%
6.2.12	CTU Cost	125	93	163	86	-70	90%	30%
6.2.13	STU Cost	289	229	199	136	30	46%	-31%
6.2.14	Distribution Cost	998	776	660	511	116	29%	-34%
6.2.15	O&M Cost	602	515	502	457	13	10%	-17%
6.2.16	HR Cost	487	429	408	383	21	7%	-16%
6.2.17	A&G Cost	37	22	29	20	-7	45%	-22%
6.2.18	R&M Cost	77	64	65	54	-1	20%	-16%
6.2.19	Depreciation	146	146	52	0	0	-	-64%
6.2.20	ROCE	183	55	0	0	0	-	-100%
6.2.21	Others	67	61	106	54	-45	96%	58%
6.2.22	Cost of Service	4057	4730	5223	3540	-493	48%	29%
7.2.1	Capex Debt service (P+I)	147	159	159	173	0	-8%	8%
7.2.2	Opex Debt service (P+I)	0	1390	1373	186	17	638%	-

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	6357	11265	14810	16450	12095	4717	1293	36%	46%
6.3.2	State Thermal	-1078	4781	5964	5838	5507	-952	797	6%	22%
6.3.3	State Hydel	130	214	214	216	229	128	41	-6%	1%
6.3.4	CGS	1766	1373	2234	3309	2826	691	0	17%	141%
6.3.5	IPPs Gas	72	89	2	0	94	74	0	-100%	-100%
6.3.6	IPPs Thermal	1273	1740	1616	1942	702	947	85	177%	12%
6.3.7	VRE- Wind	2746	1549	1726	2404	140	2068	328	1617%	55%
6.3.8	VRE- Solar	707	1076	974	840	42	841	42	1900%	-22%
6.3.9	Other-NCE	112	55	53	69	42	96	0	64%	25%
6.3.10	Market	629	464	1853	1832	2513	650	0	-27%	294%
6.3.11	Other	0	-77	175	0	0	175	0	-	-100%
6.3.12	CTU Cost	36	501	517	667	471	-115	0	42%	33%
6.3.13	STU Cost	2063	1158	1116	717	545	2462	0	32%	-38%
6.3.14	Distribution Cost	0	3990	3056	2443	2178	613	0	12%	-39%
6.3.15	O&M Cost	0	2407	1890	1897	1950	-7	0	-3%	-21%
6.3.16	HR Cost	0	1949	1584	1565	1656	19	0	-5%	-20%
6.3.17	A&G Cost	0	149	75	96	79	-21	0	22%	-35%
6.3.18	R&M Cost	0	309	231	236	215	-5	0	10%	-24%
6.3.19	Depreciation	0	584	590	204	0	386	0	-	-65%
6.3.20	ROCE	0	730	198	0	0	198	0	-	-100%
6.3.21	Others	0	269	378	342	228	36	0	50%	27%
6.3.22	Cost of Service	8456	16913	19499	20277	15289	7678	1293	33%	20%
7.3.1	Capex Debt service (P+I)	0	585	594	594	549	0	0	8%	2%
7.3.2	Opex Debt service (P+I)	51	0	4519	4446	2210	73	17	101%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	435	451	438	438	1762
7.1.2	ERC disallowable-Opex Debt	3129	1390	0	0	4519
7.1.3	Debt Servicing	3564	1841	438	438	6281

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	147	159	159	173	0	-8%	8%
7.2.2	ERC disallowable-Opex Debt	0	1390	1373	186	17	638%	-
7.2.3	Debt Servicing	147	1549	1532	359	17	327%	943%

7.3 Debt Servicing YTD (Rs Cr)

#	Item	OB	ERC-BE	Due	Paid		CB – OD	OD>60days	% ↑	% δ ERC
					CY	PY				
7.3.1	ERC allowed-Capex Debt	0	585	594	594	549	0	0	8%	2%
7.3.2	ERC disallowable-Opex Debt	51	0	4519	4446	2210	73	17	101%	-
7.3.3	Debt Servicing	51	585	5113	5040	2759	73	17	83%	762%

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	6585	6510	1%	15845	13386	18%	22430	19896	13%
7.4.2	PFC	1762	1493	18%	16402	13866	18%	18164	15359	18%
7.4.3	APPFCL	0	0	-	8471	8857	-4%	8471	8857	-4%
7.4.4	BANKS	1241	1309	-5%	759	1321	-43%	2000	2630	-24%
7.4.5	IREDA	0	0	-	150	210	-29%	150	210	-29%
7.4.6	ICD	0	0	-	1331	1535	-13%	1331	1535	-13%
7.4.7	PTC	0	0	-	14	44	-68%	14	44	-68%
7.4.8	GOAP	9	9	-5%	0	0	-	9	9	-5%
7.4.9	OTHERS	1117	1116	0%	3372	2532	33%	4489	3649	23%
7.4.10	Debt Outstanding	10714	10438	3%	46344	41751	11%	57058	52189	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 ³ Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Financial Year
CY	Current Financial Year
Tariff Categories	
Category segregation for previous years are considered as per the categories mentioned in recent APERC Retail Supply Tariff Order irrespective of categories at that period and the sub categories are mentioned as below.	
0-30	LT Domestic Consumers with consumption < 30units in the month
31-75	LT Domestic Consumers with consumption > 30 units and <=75 units in the month
76-125	LT Domestic Consumers with consumption > 75 units and <=125 units in the month
126-225	LT Domestic Consumers with consumption > 125 units and <=225 units in the month
226-400	LT Domestic Consumers with consumption > 225 units and <=400 units in the month
>400	LT Domestic Consumers with consumption > 400units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)- Minor (<50kWh), Major (>50kWh), Advertising Hoardings, Function Halls/ Auditorium, Startup Power, Electric Vehicles/Charging Stations
LT-3	Industrial (LT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Seasonal Industries, Cottage Industries (<10HP)
LT-4	Institutional (LT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places
LT-5	Agriculture (LT)- Corporate Farming, Non-Corporate Farming, Salt Farming, Horticulture, Flora Culture, Sugarcane Crushing, Aqua Culture and Animal Husbandry, Agro based Cottage Industries
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)- Townships, Colonies, Gated Communities and Villas
HT-2	Commercial (HT)- Major, Function Halls/ Auditoriums, Startup power, Electric Vehicles/ Charging Stations, Green Power
HT-3	Industrial (HT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Industrial Colonies, Seasonal Industries, Energy Intensive Industries

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

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

Glossary

1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.12	AgI Consumption	Refer 3.1.12
3.1.22	Discom Sales	D =Refer 3.1.22
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. 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
5.2.15	Discom Collections	Refer 5.2.15
1.07	Metered Sales	Collections from Metered Sales
3.3.12	AgI Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	E = Revenue from Sale of Energy to all categories of consumers (including Subsidy Booked) but excluding Revenue from Energy Traded /Inter-State Sales.
1.09	Adj Revenue from Sale	F = Revenue from Sale of Energy (same as E above) minus Subsidy Booked plus Subsidy Received against subsidy booked during the year
1.10	Closing Debtors	H = i) Closing debtors for Sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debts). Unbilled Revenue shall not be considered as Debtors. ii) Any amount written off during the year directly from(i)
1.11	Adj Closing Debtors	I =H(i+ii)
Key Performance Indicators		
3.5.22	ARR	Refer 3.5
3.6.22	AMC	Refer 3.6
3.7.22	ACPB	Refer 3.7

Note:

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

2. Purchases

Power Purchase		
3.1.22	Discom Sales	D =Refer 3.1.22
2.01	Discom Losses	Loss Incurred at Voltage <= 33KV
2.02	Discom Input	C =Input at Discom Periphery
2.03	Transmission Loss	B = Loss 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 Central 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	$\frac{\text{Distribution Network Cost (Rs Cr)} \times 100}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
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
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 = 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	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.27	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.28	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.31	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
2.32	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.39	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
AT&C Losses		
2.40	Collection η	$J=(F+G-I)/E \times 100$ (if>100% then limit to 100%)
2.41	Units Realized	$K=D \times J/100$
2.42	Units Unrealized	$L=C-K$
2.43	AT&C Losses	M =Aggregate Technical and Commercial Loss = $L/C \times 100$
ARR-ACS GAP		
2.44	GAP	=ARR-ACS

Note:

1. Power Purchase Cost (Rs Cr) is obtained from APPCC
2. CTU Cost as Billing basis
3. CTU Capacity as per Consumption basis

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) = $\frac{\text{Revenue Collected during the period(Rs.Cr)*10}}{\text{Consumption During in the Month(MU)}}$

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

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

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 Losses by Voltage Level (MU)- Transmission & Distribution losses segregated by Voltage

4.13 Cost of Service by Voltage Level on Purchase basis (Rs Cr) = $\frac{\text{Cost of Service(Rs Cr)*Energy Purchased against sales by Voltage (MU)}}{\text{Energy Purchased(MU)}}$

Where, Energy Purchased against sales by Voltage (MU)= (Sales at Voltage Level+ Portion of net T&D losses due to Sales at that voltage level)

4.14 Average Cost of Service by Voltage Level (Rs/kWh) = $\frac{\text{Cost of Service by voltage level on Purchase Basis at specified voltage (Rs Cr)*10}}{\text{Sales at Same Voltage Level(MU)}}$

Note:

1. ERC data is taken from Tariff order published by APERC in the respective year
2. 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 (Apr-Mar)

1. 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 Payables during Month (Rs Cr)- Payments made during the period

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

1. Payables data is obtained from APPCC
2. 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)- Dues paid made during the period

7.3 Debt Servicing YTD (Rs Cr)- Dues paid made during the year

7.4 Debt Outstanding (Rs Cr)- Debt Outstanding as on 31st March of Specified Year

1. Debt servicing data is obtained from APPCC