

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators April-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 07 July 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	4883 (79%)	4670 (79%)	5%	4883 (79%)	4670 (79%)	5%
3.1.12	Agl Consumption	MU	1335 (21%)	1232 (21%)	8%	1335 (21%)	1232 (21%)	8%
3.1.22	Discom Sales	MU	6219	5902	5%	6219	5902	5%
1.02	Private Sales	MU	3829 (62%)	3770 (64%)	2%	3829 (62%)	3770 (64%)	2%
1.03	Government Sales	MU	548 (9%)	363 (6%)	51%	548 (9%)	363 (6%)	51%
1.04	Government Subsidy	MU	1842 (30%)	1769 (30%)	4%	1842 (30%)	1769 (30%)	4%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	15597	11990	30%	15597	11990	30%
5.2.14	Pvt Sales	Rs Cr	3083	2469	25%	3083	2469	25%
5.2.7	Gov Sales	Rs Cr	155	181	-15%	155	181	-15%
5.2.1	Gov Subsidy	Rs Cr	1740	1959	-11%	1740	1959	-11%
1.06	Others	Rs Cr	0	85	-100%	0	85	-100%
3.3.22	Discom Collections	Rs Cr	4978	4695	6%	4978	4695	6%
1.07	Metered Sales	Rs Cr	3341	2821	18%	3341	2821	18%
3.3.13	Agl Consumption	Rs Cr	1640	1789	-8%	1640	1789	-8%
1.08	Revenue from Sale	Rs Cr	4089	3745	9%	4089	3745	9%
1.09	Adj Revenue from Sale	Rs Cr	4632	4502	3%	4632	4502	3%
1.10	Closing Debtors	Rs Cr	15889	12439	28%	15889	12439	28%
1.11	Adj Closing Debtors	Rs Cr	15889	12439	28%	15889	12439	28%
KPIs								
3.5.22	ARR	Rs/kWh	8.01	7.81	3%	8.01	7.81	3%
3.6.22	AMC	kWh/bill/Mth	326	318	2%	326	318	2%
3.7.22	ACPB	Rs/bill/Mth	2612	2487	5%	2612	2487	5%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	6219 (91%)	5902 (94%)	5%	6219 (91%)	5902 (94%)	5%
2.01	Discom Losses	MU	582 (9%)	462 (7%)	26%	582 (9%)	462 (7%)	26%
2.02	Discom Input	MU	6665 (98%)	6082 (97%)	7%	6665 (98%)	6082 (97%)	7%
2.03	Transmission Loss	MU	173 (3%)	197 (3%)	-12%	173 (3%)	197 (3%)	-12%
4.1.11	Discom Purchases	MU	6828	6263	9%	6828	6263	9%
4.2.11	Power Purchase Cost	Rs. Cr	3782 (77%)	3378 (76%)	12%	3782 (77%)	3378 (76%)	12%
Contracted Network Capacity (MW)								
2.04	STU	MW	15027	13877	8%	15027	13877	8%
2.05	CTU	MW	1775	1683	5%	1775	1683	5%
2.06	Distribution	MW	13811	12412	11%	13811	12412	11%
Capacity Charges								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.9	1.9	0%	1.9	1.9	0%
2.08	CTU Charges	Rs. Lacs/MW/Mth	6.1	5.0	22%	6.1	5.0	22%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	4.9	5.4	-9%	4.9	5.4	-9%
Network Cost (Rs. Cr)								
2.10	STU Cost	Rs Cr	286 (6%)	261 (6%)	9%	286 (6%)	261 (6%)	9%
2.11	CTU Cost	Rs Cr	108 (2%)	84 (2%)	29%	108 (2%)	84 (2%)	29%
2.12	Distribution Network Cost	Rs Cr	680 (14%)	670 (15%)	2%	680 (14%)	670 (15%)	2%
2.13	O&M Cost	Rs Cr	418	461	-9%	418	461	-9%
2.14	HR Cost	Rs Cr	358	398	-10%	358	398	-10%
2.15	A&G Cost	Rs Cr	20	19	3%	20	19	3%
2.16	R & M Cost	Rs Cr	41	44	-8%	41	44	-8%
2.17	Depreciation	Rs Cr	153	131	17%	153	131	17%
2.18	ROCE	Rs Cr	45	29	56%	45	29	56%
2.19	Others	Rs Cr	64	49	32%	64	49	32%
2.20	Network Cost	Rs Cr	1075 (22%)	1015 (23%)	6%	1075 (22%)	1015 (23%)	6%
Retail Supply Cost (Rs. Cr)								
2.21	B&C Cost and Supply Margin	Rs Cr	12	11	8%	12	11	8%
2.22	Interest on Security Deposits	Rs Cr	26	19	41%	26	19	41%
2.23	Retail Supply Cost	Rs Cr	38 (1%)	30 (1%)	28%	38 (1%)	30 (1%)	28%
Cost of Service (Rs. Cr)								
2.24	Cost of Service	Rs Cr	4895	4423	11%	4895	4423	11%
7.2.2	ERC Disallowed Debt	Rs Cr	975	726	34%	975	726	34%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.54	5.39	3%	5.54	5.39	3%
2.25	STU Cost per Unit	Rs/kWh	0.42	0.42	0%	0.42	0.42	0%
2.26	CTU Cost per Unit	Rs/kWh	0.16	0.13	18%	0.16	0.13	18%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.05	4.43	-76%	5.13	4.43	16%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.00	1.07	-7%	1.00	1.07	-7%
2.28	Network Cost per Unit	Rs/kWh	1.57	1.47	7%	1.57	1.62	-3%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	18%	0.06	0.05	18%
2.30	Cost of Service per Unit	Rs/kWh	7.17	7.06	2%	7.17	7.06	2%
KPIs on Sales basis								
2.31	Energy Cost on Sales Basis	Rs/kWh	6.08	5.72	6%	6.08	5.72	6%
2.32	STU Cost per Unit	Rs/kWh	0.46	0.28	62%	0.46	0.44	4%
2.33	CTU Cost per Unit	Rs/kWh	0.17	0.14	22%	0.17	0.14	22%
2.34	Distribution Network Cost per Unit	Rs/kWh	1.09	1.13	-4%	1.09	1.13	-4%
2.35	Network Cost per Unit	Rs/kWh	1.73	1.72	0%	1.73	1.72	0%

2.36	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	22%		0.06	0.05	22%
2.37	ACS	Rs/kWh	7.87	7.49	5%		7.87	7.49	5%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	1.57	1.23	27%		1.57	1.23	27%
AT&C Losses									
2.39	Collection η	%	100%	100%	0%		100%	100%	0%
2.40	Units Realized	MU	6087	5625	8%		6087	5625	8%
2.41	Units Unrealized	MU	579	457	27%		579	457	27%
2.42	AT&C Losses	%	9%	8%	16%		9%	8%	16%
ACS-ARR GAP									
2.43	GAP	Rs/kWh	0.14	0.32	-57%		0.14	0.32	-57%

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	34 (1%)	29 (0%)	16%	34 (1%)	29 (0%)	16%
3.1.2	31-75	212 (3%)	195 (3%)	8%	212 (3%)	195 (3%)	8%
3.1.3	76-125	364 (6%)	347 (6%)	5%	364 (6%)	347 (6%)	5%
3.1.4	126-225	492 (8%)	529 (9%)	-7%	492 (8%)	529 (9%)	-7%
3.1.5	226-400	248 (4%)	327 (6%)	-24%	248 (4%)	327 (6%)	-24%
3.1.6	>400	101 (2%)	167 (3%)	-39%	101 (2%)	167 (3%)	-39%
3.1.7	LT-1	1452 (23%)	1595 (27%)	-9%	1452 (23%)	1595 (27%)	-9%
3.1.8	LT-2	310 (5%)	310 (5%)	0%	310 (5%)	310 (5%)	0%
3.1.9	LT-3	140 (2%)	150 (3%)	-7%	140 (2%)	150 (3%)	-7%
3.1.10	LT-4	153 (2%)	138 (2%)	11%	153 (2%)	138 (2%)	11%
3.1.11	LT-5	1685 (27%)	1660 (28%)	1%	1685 (27%)	1660 (28%)	1%
3.1.12	LT-5 A (ii)	1335 (21%)	1232 (21%)	8%	1335 (21%)	1232 (21%)	8%
3.1.13	LT-5 excluding A(ii)	349 (6%)	428 (7%)	-18%	349 (6%)	428 (7%)	-18%
3.1.14	LT	3739 (60%)	3852 (65%)	-3%	3739 (60%)	3852 (65%)	-3%
3.1.15	HT-1	6 (0%)	6 (0%)	10%	6 (0%)	6 (0%)	10%
3.1.16	HT-2	185 (3%)	156 (3%)	18%	185 (3%)	156 (3%)	18%
3.1.17	HT-3	1892 (30%)	1568 (27%)	21%	1892 (30%)	1568 (27%)	21%
3.1.18	HT-4	257 (4%)	231 (4%)	11%	257 (4%)	231 (4%)	11%
3.1.19	HT-5	91 (1%)	33 (1%)	171%	91 (1%)	33 (1%)	171%
3.1.20	Rescos	49 (1%)	55 (1%)	-12%	49 (1%)	55 (1%)	-12%
3.1.21	HT	2480 (40%)	2050 (35%)	21%	2480 (40%)	2050 (35%)	21%
3.1.22	Discom Sales	6219	5902	5%	6219	5902	5%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3739	3852	-3%	3739	3852	-3%
3.2.2	11KV	528	499	6%	528	499	6%
3.2.3	33KV	637	592	8%	637	592	8%
3.2.4	EHT	1315	959	37%	1315	959	37%
3.1.22	Discom Sales	6219	5902	5%	6219	5902	5%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	24 (0%)	16 (0%)	50%	24 (0%)	16 (0%)	50%
3.3.2	31-75	66 (1%)	40 (1%)	64%	66 (1%)	40 (1%)	64%
3.3.3	76-125	122 (2%)	90 (2%)	36%	122 (2%)	90 (2%)	36%
3.3.4	126-225	197 (4%)	154 (3%)	28%	197 (4%)	154 (3%)	28%
3.3.5	226-400	134 (3%)	147 (3%)	-8%	134 (3%)	147 (3%)	-8%
3.3.6	>400	82 (2%)	106 (2%)	-23%	82 (2%)	106 (2%)	-23%
3.3.7	LT-1	626 (13%)	553 (12%)	13%	626 (13%)	553 (12%)	13%
3.3.8	LT-2	365 (7%)	326 (7%)	12%	365 (7%)	326 (7%)	12%
3.3.9	LT-3	130 (3%)	120 (3%)	8%	130 (3%)	120 (3%)	8%
3.3.10	LT-4	44 (1%)	41 (1%)	9%	44 (1%)	41 (1%)	9%
3.3.11	LT-5	1887 (38%)	1926 (42%)	-2%	1887 (38%)	1926 (42%)	-2%
3.3.12	LT-5 A (ii)	1640 (33%)	1789 (39%)	-8%	1640 (33%)	1789 (39%)	-8%
3.3.13	LT-5 excluding A(ii)	247 (5%)	137 (3%)	80%	247 (5%)	137 (3%)	80%
3.3.14	LT	3052 (61%)	2967 (64%)	3%	3052 (61%)	2967 (64%)	3%
3.3.15	HT-1	4 (0%)	4 (0%)	6%	4 (0%)	4 (0%)	6%
3.3.16	HT-2	198 (4%)	147 (3%)	34%	198 (4%)	147 (3%)	34%
3.3.17	HT-3	1529 (31%)	1348 (29%)	13%	1529 (31%)	1348 (29%)	13%

3.3.18	HT-4	190 (4%)	140 (3%)	35%	190 (4%)	140 (3%)	35%
3.3.19	HT-5	6 (0%)	2 (0%)	210%	6 (0%)	2 (0%)	210%
3.3.20	Rescos	2 (0%)	2 (0%)	-13%	2 (0%)	2 (0%)	-13%
3.3.21	HT	1929 (39%)	1643 (36%)	17%	1929 (39%)	1643 (36%)	17%
3.3.22	Discom Collections	4981	4610	8%	4981	4610	8%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	32,50,136(17%)	28,20,481(15%)	15%	32,50,136(17%)	28,20,481(15%)	15%
3.4.2	31-75	39,76,296(21%)	36,62,969(20%)	9%	39,76,296(21%)	36,62,969(20%)	9%
3.4.3	76-125	36,84,664(19%)	35,11,013(19%)	5%	36,84,664(19%)	35,11,013(19%)	5%
3.4.4	126-225	30,22,249(16%)	32,13,291(17%)	-6%	30,22,249(16%)	32,13,291(17%)	-6%
3.4.5	226-400	8,77,974(5%)	11,39,652(6%)	-23%	8,77,974(5%)	11,39,652(6%)	-23%
3.4.6	>400	1,84,481(1%)	3,12,322(2%)	-41%	1,84,481(1%)	3,12,322(2%)	-41%
3.4.7	LT-1	1,49,95,800(79%)	1,46,59,728(79%)	2%	1,49,95,800(79%)	1,46,59,728(79%)	2%
3.4.8	LT-2	16,85,509(9%)	16,09,379(9%)	5%	16,85,509(9%)	16,09,379(9%)	5%
3.4.9	LT-3	81,359(0%)	81,664(0%)	0%	81,359(0%)	81,664(0%)	0%
3.4.10	LT-4	3,52,736(2%)	3,42,483(2%)	3%	3,52,736(2%)	3,42,483(2%)	3%
3.4.11	LT-5	19,42,685(10%)	18,31,902(10%)	6%	19,42,685(10%)	18,31,902(10%)	6%
3.4.12	LT-5 A (ii)	18,52,138(10%)	17,39,764(9%)	6%	18,52,138(10%)	17,39,764(9%)	6%
3.4.13	LT-5 excluding A(ii)	90,547(0%)	92,138(0%)	-2%	90,547(0%)	92,138(0%)	-2%
3.4.14	LT	1,90,58,089(100%)	1,85,25,156(100%)	3%	1,90,58,089(100%)	1,85,25,156(100%)	3%
3.4.15	HT-1	126(0%)	113(0%)	12%	126(0%)	113(0%)	12%
3.4.16	HT-2	4,987(0%)	4,584(0%)	9%	4,987(0%)	4,584(0%)	9%
3.4.17	HT-3	6,628(0%)	6,385(0%)	4%	6,628(0%)	6,385(0%)	4%
3.4.18	HT-4	838(0%)	745(0%)	12%	838(0%)	745(0%)	12%
3.4.19	HT-5	721(0%)	717(0%)	1%	721(0%)	717(0%)	1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	13,301(0%)	12,545(0%)	6%	13,301(0%)	12,545(0%)	6%
3.4.22	Discom Bills	1,90,71,390	1,85,37,701	3%	1,90,71,390	1,85,37,701	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	7.07	5.47	29%	7.07	5.47	29%
3.5.2	31-75	3.13	2.07	51%	3.13	2.07	51%
3.5.3	76-125	3.36	2.58	30%	3.36	2.58	30%
3.5.4	126-225	3.99	2.91	37%	3.99	2.91	37%
3.5.5	226-400	5.41	4.49	21%	5.41	4.49	21%
3.5.6	>400	8.13	6.37	28%	8.13	6.37	28%
3.5.7	LT-1	4.31	3.47	24%	4.31	3.47	24%
3.5.8	LT-2	11.76	10.54	12%	11.76	10.54	12%
3.5.9	LT-3	9.32	8.03	16%	9.32	8.03	16%
3.5.10	LT-4	2.90	2.95	-1%	2.90	2.95	-1%
3.5.11	LT-5	11.20	11.61	-3%	11.20	11.61	-3%
3.5.12	LT-5 A (ii)	12.28	14.53	-15%	12.28	14.53	-15%
3.5.13	LT-5 excluding A(ii)	7.08	3.20	121%	7.08	3.20	121%
3.5.14	LT	8.16	7.70	6%	8.16	7.70	6%
3.5.15	HT-1	6.46	6.71	-4%	6.46	6.71	-4%
3.5.16	HT-2	10.70	9.43	14%	10.70	9.43	14%
3.5.17	HT-3	8.08	8.59	-6%	8.08	8.59	-6%
3.5.18	HT-4	7.38	6.09	21%	7.38	6.09	21%
3.5.19	HT-5	0.65	0.56	14%	0.65	0.56	14%
3.5.20	Rescos	0.37	0.38	-1%	0.37	0.38	-1%
3.5.21	HT	7.78	8.02	-3%	7.78	8.02	-3%
3.5.22	ARR	8.01	7.81	3%	8.01	7.81	3%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	11	10	1%	11	10	1%
3.6.2	31-75	53	53	0%	53	53	0%
3.6.3	76-125	99	99	0%	99	99	0%
3.6.4	126-225	163	165	-1%	163	165	-1%
3.6.5	226-400	283	287	-1%	283	287	-1%
3.6.6	>400	549	535	3%	549	535	3%
3.6.7	LT-1	97	109	-11%	97	109	-11%
3.6.8	LT-2	184	46	297%	184	46	297%
3.6.9	LT-3	1716	1831	-6%	1716	1831	-6%
3.6.10	LT-4	432	402	8%	432	402	8%
3.6.11	LT-5	867	906	-4%	867	906	-4%
3.6.12	LT-5 A (ii)	721	708	2%	721	708	2%
3.6.13	LT-5 excluding A(ii)	3856	4647	-17%	3856	4647	-17%
3.6.14	LT	196	163	20%	196	163	20%
3.6.15	HT-1	49841	50531	-1%	49841	50531	-1%
3.6.16	HT-2	37054	34134	9%	37054	34134	9%
3.6.17	HT-3	285514	245599	16%	285514	245599	16%
3.6.18	HT-4	306850	309570	-1%	306850	309570	-1%
3.6.19	HT-5	125589	46667	169%	125589	46667	169%
3.6.20	Rescos	48810000	55430000	-12%	48810000	55430000	-12%
3.6.21	HT	186449	163400	14%	186449	163400	14%
3.6.22	AMC	326	250	30%	326	250	30%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	74	57	30%	74	57	30%
3.7.2	31-75	167	111	51%	167	111	51%
3.7.3	76-125	332	256	30%	332	256	30%
3.7.4	126-225	650	479	36%	650	479	36%
3.7.5	226-400	1530	1288	19%	1530	1288	19%
3.7.6	>400	4468	3410	31%	4468	3410	31%
3.7.7	LT-1	417	378	11%	417	378	11%
3.7.8	LT-2	2164	489	343%	2164	489	343%
3.7.9	LT-3	15985	14709	9%	15985	14709	9%
3.7.10	LT-4	1255	1183	6%	1255	1183	6%
3.7.11	LT-5	9713	10516	-8%	9713	10516	-8%
3.7.12	LT-5 A (ii)	8854	10285	-14%	8854	10285	-14%
3.7.13	LT-5 excluding A(ii)	27290	14884	83%	27290	14884	83%
3.7.14	LT	1601	1258	27%	1601	1258	27%
3.7.15	HT-1	322222	338938	-5%	322222	338938	-5%
3.7.16	HT-2	396651	321750	23%	396651	321750	23%
3.7.17	HT-3	2307498	2110775	9%	2307498	2110775	9%
3.7.18	HT-4	2264439	1884698	20%	2264439	1884698	20%
3.7.19	HT-5	81137	26360	208%	81137	26360	208%
3.7.20	Rescos	18100000	20800000	-13%	18100000	20800000	-13%
3.7.21	HT	1450041	1310028	11%	1450041	1310028	11%
3.7.22	ACPB	2612	1953	34%	2612	1953	34%

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	2718 (40%)	2295 (37%)	18%	2426 (36%)	12%	2718 (40%)	2295 (37%)	18%	2426 (36%)	12%
4.1.2	State Hydel	143 (2%)	205 (3%)	-31%	250 (4%)	-43%	143 (2%)	205 (3%)	-31%	250 (4%)	-43%
4.1.3	CGS	1033 (15%)	1182 (19%)	-13%	976 (15%)	6%	1033 (15%)	1182 (19%)	-13%	976 (15%)	6%
4.1.4	Gas	0 (0%)	44 (1%)	- 100%	45 (1%)	-100%	0 (0%)	44 (1%)	- 100%	45 (1%)	-100%
4.1.5	IPPs	867 (13%)	445 (7%)	95%	1083 (16%)	-20%	867 (13%)	445 (7%)	95%	1083 (16%)	-20%
4.1.6	VRE-Wind	344 (5%)	348 (6%)	-1%	342 (5%)	1%	344 (5%)	348 (6%)	-1%	342 (5%)	1%
4.1.7	VRE-Solar	255 (4%)	636 (10%)	-60%	637 (10%)	-60%	255 (4%)	636 (10%)	-60%	637 (10%)	-60%
4.1.8	RE-Others	22 (0%)	28 (0%)	-22%	26 (0%)	-14%	22 (0%)	28 (0%)	-22%	26 (0%)	-14%
4.1.9	Markets	1062 (16%)	1044 (17%)	2%	875 (13%)	21%	1062 (16%)	1044 (17%)	2%	875 (13%)	21%
4.1.10	Others	385 (6%)	35 (1%)	989%	0 (0%)	-	385 (6%)	35 (1%)	989%	0 (0%)	-
4.1.11	Discom Purchases	6828	6263	9%	6658	3%	6828	6263	9%	6658	3%

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	1425 (38%)	1087 (32%)	31%	1236 (41%)	15%	1425 (38%)	1087 (32%)	31%	1236 (41%)	15%
4.2.2	State Hydel	54 (1%)	52 (2%)	2%	54 (2%)	0%	54 (1%)	52 (2%)	2%	54 (2%)	0%
4.2.3	CGS	529 (14%)	524 (16%)	1%	343 (11%)	54%	529 (14%)	524 (16%)	1%	343 (11%)	54%
4.2.4	Gas	0 (0%)	25 (1%)	- 100%	22 (1%)	- 100%	0 (0%)	25 (1%)	-100%	22 (1%)	-100%
4.2.5	IPPs	405 (11%)	168 (5%)	141%	433 (14%)	-6%	405 (11%)	168 (5%)	141%	433 (14%)	-6%
4.2.6	VRE-Wind	163 (4%)	164 (5%)	-1%	158 (5%)	3%	163 (4%)	164 (5%)	-1%	158 (5%)	3%
4.2.7	VRE-Solar	124 (3%)	275 (8%)	-55%	275 (9%)	-55%	124 (3%)	275 (8%)	-55%	275 (9%)	-55%
4.2.8	RE-Others	14 (0%)	18 (1%)	-21%	14 (0%)	-1%	14 (0%)	18 (1%)	-21%	14 (0%)	-1%
4.2.9	Markets	910 (24%)	1006 (30%)	-10%	464 (15%)	96%	910 (24%)	1006 (30%)	-10%	464 (15%)	96%
4.2.10	Others	156 (4%)	59 (2%)	167%	0 (0%)	-	156 (4%)	59 (2%)	167%	0 (0%)	-
4.2.11	Power Purchase Cost	3782	3378	12%	3000	26%	3782	3378	12%	3000	26%

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	317	288	10%	409	-22%	317	288	10%	409	-22%
4.3.2	State Hydel	54	52	2%	54	0%	54	52	2%	54	0%
4.3.3	CGS	117	119	-2%	74	57%	117	119	-2%	74	57%
4.3.4	Gas	0	1	-100%	2	-100%	0	1	-100%	2	-100%
4.3.5	IPPs	136	53	155%	161	-15%	136	53	155%	161	-15%
4.3.6	Others	3	59	-95%	0	-	3	59	-95%	0	-
4.3.7	Fixed Cost	626	573	9%	699	-10%	626	573	9%	699	-10%

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	1108	799	39%	827	34%	1108	799	39%	827	34%
4.4.2	CGS	413	405	2%	269	53%	413	405	2%	269	53%
4.4.3	Gas	0	24	-100%	20	-100%	0	24	-100%	20	-100%
4.4.4	IPPs	269	115	134%	272	-1%	269	115	134%	272	-1%
4.4.5	VRE-Wind	163	164	-1%	158	3%	163	164	-1%	158	3%
4.4.6	VRE-Solar	124	275	-55%	275	-55%	124	275	-55%	275	-55%
4.4.7	RE-Others	13	17	-24%	13	1%	13	17	-24%	13	1%
4.4.8	Markets	910	1006	-10%	464	96%	910	1006	-10%	464	96%
4.4.9	Others	154	0	-	0	-	154	0	-	0	-
4.4.10	Variable Cost	3155	2805	12%	2299	37%	3155	2805	12%	2299	37%

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	5.24	4.74	11%	5.09	3%	5.24	4.74	11%	5.09	3%
4.5.2	State Hydrel	3.76	2.55	47%	2.15	75%	3.76	2.55	47%	2.15	75%
4.5.3	CGS	5.13	4.43	16%	3.52	46%	5.13	4.43	16%	3.52	46%
4.5.4	Gas	0.00	5.72	-100%	4.91	-100%	0.00	5.72	-100%	4.91	-100%
4.5.5	IPPs	4.68	3.78	24%	4.00	17%	4.68	3.78	24%	4.00	17%
4.5.6	VRE-Wind	4.74	4.72	0%	4.63	2%	4.74	4.72	0%	4.63	2%
4.5.7	VRE-Solar	4.87	4.32	13%	4.32	13%	4.87	4.32	13%	4.32	13%
4.5.8	RE-Others	6.27	6.19	1%	5.42	16%	6.27	6.19	1%	5.42	16%
4.5.9	Markets	8.57	9.63	-11%	5.31	61%	8.57	9.63	-11%	5.31	61%
4.5.10	Others	4.07	16.61	-76%	0.00	-	4.07	16.61	-76%	0.00	-
4.5.11	Weighted Average	5.54	5.39	3%	4.51	23%	5.54	5.39	3%	4.51	23%

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	1.26	-7%	1.68	-31%	1.17	1.26	-7%	1.68	-31%
4.6.2	State Hydrel	3.76	2.55	47%	2.15	75%	3.76	2.55	47%	2.15	75%
4.6.3	CGS	1.13	1.01	12%	0.76	48%	1.13	1.01	12%	0.76	48%
4.6.4	Gas	0.00	0.23	-100%	0.41	-100%	0.00	0.23	-100%	0.41	-100%
4.6.5	IPPs	1.57	1.20	31%	1.49	6%	1.57	1.20	31%	1.49	6%
4.6.6	Average FC	0.92	0.92	0%	1.05	-13%	0.92	0.92	0%	1.05	-13%

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	4.08	3.48	17%	3.41	20%	4.08	3.48	17%	3.41	20%
4.7.2	CGS	4.00	3.42	17%	2.76	45%	4.00	3.42	17%	2.76	45%
4.7.3	Gas	0.00	5.49	-100%	4.50	-100%	0.00	5.49	-100%	4.50	-100%
4.7.4	IPPs	3.11	2.58	20%	2.51	24%	3.11	2.58	20%	2.51	24%
4.7.5	VRE-Wind	4.74	4.72	0%	4.63	2%	4.74	4.72	0%	4.63	2%
4.7.6	VRE-Solar	4.87	4.32	13%	4.32	13%	4.87	4.32	13%	4.32	13%
4.7.7	RE-Others	6.27	6.19	1%	5.42	16%	6.27	6.19	1%	5.42	16%
4.7.8	Markets	8.57	9.63	-11%	5.31	61%	8.57	9.63	-11%	5.31	61%
4.7.9	Average VC	4.62	4.48	3%	3.45	34%	4.62	4.48	3%	3.45	34%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2274	2205	3%	2274	2205	3%
4.8.2	11KV	321	285	12%	321	285	12%
4.8.3	33KV	387	339	14%	387	339	14%
4.8.4	EHT	800	549	46%	800	549	46%
4.2.11	Power Purchase Cost	3782	3378	12%	3782	3378	12%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	646	663	-2%	646	663	-2%
4.9.2	11KV	91	86	6%	91	86	6%
4.9.3	33KV	110	102	8%	110	102	8%
4.9.4	EHT	227	165	38%	227	165	38%
2.20	Network Cost	1075	1015	6%	1075	1015	6%

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	20	18%	23	20	18%
4.10.2	11KV	3	3	29%	3	3	29%
4.10.3	33KV	4	3	31%	4	3	31%
4.10.4	EHT	8	5	67%	8	5	67%
2.23	Retail Supply Cost	38	30	28%	38	30	28%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2943	2887	2%	2943	2887	2%
4.11.2	11KV	415	374	11%	415	374	11%
4.11.3	33KV	501	444	13%	501	444	13%
4.11.4	EHT	1035	719	44%	1035	719	44%
2.24	Cost of Service	4895	4423	11%	4895	4423	11%

4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	194	97	100%	194	97	100%
4.12.2	11KV	183	150	22%	183	150	22%
4.12.3	33KV	206	215	-4%	206	215	-4%
4.12.4	EHT	173	197	-12%	173	197	-12%
4.12.5	Loss	755	660	14%	755	660	14%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	3061	2955	4%	3061	2955	4%
4.13.2	11KV	411	373	10%	411	373	10%
4.13.3	33KV	476	428	11%	476	428	11%
4.13.4	EHT	947	667	42%	947	667	42%
2.24	Cost of Service	4895	4423	11%	4895	4423	11%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	8.2	7.7	7%	8.2	7.7	7%
4.14.2	11KV	7.8	7.5	4%	7.8	7.5	4%
4.14.3	33KV	7.5	7.2	3%	7.5	7.2	3%
4.14.4	EHT	7.2	7.0	4%	7.2	7.0	4%
2.37	ACS	7.9	7.5	5%	7.9	7.5	5%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	3429	2534	2534	2534	11031
5.1.2	Agriculture Subsidy	2947	2036	2036	2036	9055
5.1.3	Aquaculture Subsidy	227	115	115	115	572
5.1.4	SC Colonies Subsidy	97	146	146	146	536
5.1.5	ST Thandas Subsidy	20	30	30	30	110
5.1.6	Other Subsidy	138	207	207	207	757
5.1.7	Govt Agencies	905	1125	1125	1125	4280
5.1.8	Panchayats	303	426	426	426	1582
5.1.9	WR Dept	125	175	175	175	650
5.1.10	ULB	299	375	375	375	1424
5.1.11	Other Govt Dept	178	149	149	149	624
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	8914	8746	8746	8746	35152
5.1.15	Total	13248	12405	12405	12405	50463
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	875	1740	1959	-865	-11%	106%
5.2.2	Agriculture Subsidy	679	704	1590	1784	-886	-11%	134%
5.2.3	Aquaculture Subsidy	38	77	150	175	-73	-14%	291%
5.2.4	SC Colonies Subsidy	49	47	0	0	47	-	-100%
5.2.5	ST Thandas Subsidy	10	9	0	0	9	-	-100%
5.2.6	Other Subsidy	69	39	0	0	39	-	-100%
5.2.7	Govt Agencies	375	535	155	181	380	-15%	-59%
5.2.8	Panchayats	142	168	19	26	149	-28%	-87%
5.2.9	WR Dept	58	141	8	2	133	303%	-86%
5.2.10	ULB	125	55	49	20	5	143%	-60%
5.2.11	Other Govt Dept	50	171	79	133	93	-41%	58%
5.2.12	Govt serviced debt	0	0	0	85	0	-100%	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	2915	3076	3083	2469	-7	25%	6%
5.2.15	Total	4135	4486	4978	4695	-492	6%	20%
5.2.16	Opex Loans	0	0	0	69	0	-100%	-
5.2.17	Capex Loans	0	0	0	19	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	845	875	1740	1959	11624	12587	-11%	106%
5.3.2	Agriculture Subsidy	9944	679	704	1590	1784	9058	9784	-11%	134%
5.3.3	Aquaculture Subsidy	1392	38	77	150	175	1319	1241	-14%	291%
5.3.4	SC Colonies Subsidy	829	49	47	0	0	876	956	-	-100%
5.3.5	ST Thandas Subsidy	256	10	9	0	0	265	287	-	-100%
5.3.6	Other Subsidy	67	69	39	0	0	106	318	-	-100%
5.3.7	Govt Agencies	11143	375	535	155	181	11522	10071	-15%	-59%
5.3.8	Panchayats	5086	142	168	19	26	5235	4584	-28%	-87%
5.3.9	WR Dept	5291	58	141	8	2	5424	4811	303%	-86%

5.3.10	ULB	356	125	55	49	20	361	296	143%	-60%
5.3.11	Other Govt Dept	410	50	171	79	133	503	380	-41%	58%
5.3.12	Govt serviced debt	0	0	0	0	85	0	0	-100%	-
5.3.13	UDAY Receivables	0	0	0	0	0	0	0	-	-
5.3.14	Private Customers Receivables	4513	2915	3076	3083	2469	4506	4031	25%	6%
5.3.15	Total	28144	4135	4486	4978	4695	27652	26688	6%	20%
5.3.16	Opex Loans	0	0	0	0	69	0	0	-100%	-
5.3.17	Capex Loans	0	0	0	0	19	0	0	-100%	-

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	9402	7911	7521	8269	33103
6.1.2	State Thermal	3915	3436	3842	4273	15466
6.1.3	State Hydel	161	161	161	161	643
6.1.4	CGS	1216	1030	974	1027	4247
6.1.5	IPPs Gas	44	67	67	66	245
6.1.6	IPPs Thermal	1275	1241	1252	1300	5068
6.1.7	VRE- Wind	1004	1421	315	356	3096
6.1.8	VRE- Solar	684	717	644	895	2940
6.1.9	Other-NCE	40	51	52	46	190
6.1.10	Market	910	0	215	145	1270
6.1.11	Other	151	-213	0	0	-61
6.1.12	CTU Cost	359	376	376	376	1486
6.1.13	STU Cost	865	868	868	868	3469
6.1.14	Distribution Cost	2714	2993	2993	2993	11691
6.1.15	O&M Cost	1622	1805	1805	1805	7037
6.1.16	HR Cost	1332	1462	1462	1462	5717
6.1.17	A&G Cost	94	112	112	112	429
6.1.18	R&M Cost	195	232	232	232	891
6.1.19	Depreciation	445	438	438	438	1759
6.1.20	ROCE	410	548	548	548	2053
6.1.21	Others	237	202	202	202	843
6.1.22	Cost of Service	13339	12148	11758	12506	49750
7.1.1	Capex Debt service (P+I)	448	438	438	438	1762
7.1.2	Opex Debt service (P+I)	995	0	0	0	995

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	3000	3782	4329	372	-547	1064%	44%
6.2.2	State Thermal	1236	1425	1483	212	-58	598%	20%
6.2.3	State Hydel	54	54	54	12	0	352%	1%
6.2.4	CGS	343	529	942	9	-413	-	174%
6.2.5	IPPs Gas	22	0	0	9	0	-100%	-100%
6.2.6	IPPs Thermal	433	405	463	15	-58	2906%	7%
6.2.7	VRE- Wind	158	163	668	0	-505	-	322%
6.2.8	VRE- Solar	275	124	241	0	-117	-	-12%
6.2.9	Other-NCE	14	14	20	0	-6	-	43%
6.2.10	Market	464	910	458	115	452	299%	-1%
6.2.11	Other	0	156	0	0	156	-	-
6.2.12	CTU Cost	125	108	141	3	-33	4990%	13%
6.2.13	STU Cost	289	286	167	33	119	399%	-42%
6.2.14	Distribution Cost	998	719	595	153	124	288%	-40%
6.2.15	O&M Cost	602	418	478	107	-60	348%	-21%
6.2.16	HR Cost	487	358	400	97	-42	311%	-18%
6.2.17	A&G Cost	37	20	33	5	-13	573%	-11%
6.2.18	R&M Cost	77	41	45	5	-4	863%	-42%
6.2.19	Depreciation	146	153	40	0	0	-	-73%
6.2.20	ROCE	183	45	0	0	0	-	-100%
6.2.21	Others	67	103	77	46	26	66%	14%
6.2.22	Cost of Service	4412	4895	5232	561	-337	832%	19%
7.2.1	Capex Debt service (P+I)	146	156	156	140	0	11%	7%
7.2.2	Opex Debt service (P+I)	0	995	975	726	20	34%	-

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	3000	3782	4329	3066	5810	2013	41%	44%
6.3.2	State Thermal	-1078	1236	1425	1483	1697	-1136	810	-13%	20%
6.3.3	State Hydel	130	54	54	54	52	130	41	4%	1%
6.3.4	CGS	1766	343	529	942	97	1353	33	871%	174%
6.3.5	IPPs Gas	72	22	0	0	20	72	12	-100%	-100%
6.3.6	IPPs Thermal	1273	433	405	463	175	1215	154	165%	7%
6.3.7	VRE- Wind	2746	158	163	668	5	2241	824	-	322%
6.3.8	VRE- Solar	707	275	124	241	4	590	136	-	-12%
6.3.9	Other-NCE	112	14	14	20	10	106	0	100%	43%
6.3.10	Market	629	464	910	458	1006	1081	3	-54%	-1%
6.3.11	Other	0	0	156	0	0	156	0	-	-
6.3.12	CTU Cost	36	125	108	141	86	3	0	64%	13%
6.3.13	STU Cost	2063	289	286	167	99	2182	0	69%	-42%
6.3.14	Distribution Cost	0	998	719	595	528	124	0	13%	-40%
6.3.15	O&M Cost	0	602	418	478	458	-60	0	4%	-21%
6.3.16	HR Cost	0	487	358	400	394	-42	0	2%	-18%
6.3.17	A&G Cost	0	37	20	33	20	-13	0	65%	-11%
6.3.18	R&M Cost	0	77	41	45	44	-4	0	2%	-42%
6.3.19	Depreciation	0	146	153	40	0	113	0	-	-73%
6.3.20	ROCE	0	183	45	0	0	45	0	-	-100%
6.3.21	Others	0	67	103	77	70	26	0	10%	14%
6.3.22	Cost of Service	8456	4412	4895	5232	3779	8119	2013	38%	19%
7.3.1	Capex Debt service (P+I)	0	146	156	156	140	0	0	11%	7%
7.3.2	Opex Debt service (P+I)	51	0	995	975	726	71	0	34%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	448	438	438	438	1762
7.1.2	ERC disallowable-Opex Debt	995	0	0	0	995
7.1.3	Debt Servicing	1443	438	438	438	2757

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	146	156	156	140	0	11%	7%
7.2.2	ERC disallowable-Opex Debt	0	995	975	726	20	34%	-
7.2.3	Debt Servicing	146	1151	1131	866	20	31%	675%

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	146	156	156	140	0	0	11%	7%
7.3.2	ERC disallowable-Opex Debt	51	0	995	975	726	20	20	34%	-
7.3.3	Debt Servicing	51	146	1151	1131	866	20	20	31%	675%

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	6471	6510	-1%	13986	13386	4%	20457	19896	3%
7.4.2	PFC	1489	1493	0%	14433	13866	4%	15922	15359	4%
7.4.3	APPFCL	0	0	-	8632	8857	-3%	8632	8857	-3%
7.4.4	BANKS	1292	1309	-1%	927	1321	-30%	2219	2630	-16%
7.4.5	IREDA	0	0	-	195	210	-7%	195	210	-7%
7.4.6	ICD	0	0	-	1490	1535	-3%	1490	1535	-3%
7.4.7	PTC	0	0	-	35	44	-20%	35	44	-20%
7.4.8	GOAP	9	9	-5%	0	0	-	9	9	-5%
7.4.9	OTHERS	1117	1116	0%	3309	2532	31%	4426	3649	21%
7.4.10	Debt Outstanding	10378	10438	-1%	43007	41751	3%	53385	52189	2%

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	$M=\text{Aggregate Technical and Commercial Loss} =L/C \times 100$
ARR-ACS GAP		
2.44	GAP	=ARR-ACS

Note:

1. Power Purchase Cost (Rs Cr) is obtained from APPCC

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

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

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

4. Expenditure by Category

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

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

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

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

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

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

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

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

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

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

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

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) = $\frac{\text{Cost of Service(Rs Cr)} \times \text{Energy Purchased against sales by Voltage (MU)}}{\text{Energy Purchased(MU)}}$

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

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