

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators June-2024

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**Prepared by- Strategic Planning Unit**

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# 1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Energy (MU)</b>								
1.01	Metered Sales	MU	5164 (84%)	5290 (84%)	-2%	15561 (80%)	15278 (81%)	2%
3.1.12	Agl Consumption	MU	955 (16%)	987 (16%)	-3%	3829 (20%)	3594 (19%)	7%
3.1.22	Discom Sales	MU	6118	6277	-3%	19391	18872	3%
1.02	Private Sales	MU	4171 (68%)	4380 (70%)	-5%	12498 (64%)	12170 (64%)	3%
1.03	Government Sales	MU	547 (9%)	517 (8%)	6%	1715 (9%)	1604 (8%)	7%
1.04	Government Subsidy	MU	1401 (23%)	1380 (22%)	2%	5178 (27%)	5098 (27%)	2%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	21358	16124	32%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3443	3787	-9%	10248	10117	1%
5.2.7	Gov Sales	Rs Cr	228	375	-39%	727	743	-2%
5.2.1	Gov Subsidy	Rs Cr	394	299	32%	2814	2893	-3%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	4065	4461	-9%	13789	13753	0%
1.07	Metered Sales	Rs Cr	3766	4158	-10%	11321	11097	2%
3.3.12	Agl Consumption	Rs Cr	298	304	-2%	2466	2659	-8%
1.08	Revenue from Sale	Rs Cr	5105	4801	6%	15559	12725	22%
1.09	Adj Revenue from Sale	Rs Cr	4186	4356	-4%	16267	12617	29%
1.10	Closing Debtors	Rs Cr	21742	16419	32%	21742	16419	32%
1.11	Adj Closing Debtors	Rs Cr	21742	16419	32%	21742	16419	32%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	6.64	7.11	-7%	7.11	7.29	-2%
3.6.22	AMC	kWh/bill/Mth	310	327	-5%	328	328	0%
3.7.22	ACPB	Rs/bill/Mth	2062	2325	-11%	2331	2390	-2%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	6118 (93%)	6277 (88%)	-3%	19391 (93%)	18872 (90%)	3%
2.01	Discom Losses	MU	492 (7%)	486 (7%)	1%	1682 (8%)	1547 (7%)	9%
2.02	Discom Input	MU	6407 (97%)	6715 (94%)	-2%	20581 (98%)	20191 (97%)	3%
4.10.4	Transmission Loss	MU	160 (2%)	196 (3%)	-18%	552 (3%)	562 (3%)	-2%
4.1.11	Discom Purchases	MU	6591	7156	-8%	20920	20881	0%
4.2.11	Power Purchase Cost	Rs. Cr	3655 (74%)	3742 (76%)	-2%	11508 (75%)	11216 (76%)	3%
<b>Contracted Network Capacity (MW)</b>								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	1630	158%	4199	1775	137%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
<b>Capacity Charges</b>								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.9	2.0	-5%	1.7	2.0	-15%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.0	6.0	-50%	3.5	8.1	-57%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	9.1	5.7	60%	9.1	5.5	66%
<b>Network Cost (Rs. Cr)</b>								
2.09	STU Cost	Rs Cr	280 (6%)	303 (6%)	-8%	751 (5%)	897 (6%)	-16%
2.10	CTU Cost	Rs Cr	128 (3%)	98 (2%)	31%	445 (3%)	434 (3%)	3%
2.11	Distribution Network Cost	Rs Cr	883 (18%)	782 (16%)	13%	2624 (17%)	2259 (15%)	16%
2.12	O&M Cost	Rs Cr	556	469	18%	1625	1375	18%
2.13	HR Cost	Rs Cr	463	412	12%	1374	1156	19%
2.14	A&G Cost	Rs Cr	21	19	13%	64	52	23%
2.15	R & M Cost	Rs Cr	72	39	83%	187	167	12%
2.16	Depreciation	Rs Cr	177	144	23%	533	453	18%
2.17	ROCE	Rs Cr	103	50	106%	313	143	119%
2.18	Others	Rs Cr	47	119	-61%	153	289	-47%
<b>Cost of Service (Rs. Cr)</b>								
2.19	Cost of Service	Rs Cr	4946	4925	0%	15327	14806	4%
7.2.2	ERC Disallowed Debt	Rs Cr	133	1257	-89%	2107	3073	-31%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.55	5.23	6%	5.50	5.37	2%
2.20	STU Cost per Unit	Rs/kWh	0.42	0.42	0%	0.36	0.43	-16%
2.21	CTU Cost per Unit	Rs/kWh	0.19	0.14	42%	0.21	0.21	2%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.48	5.72	-74%	5.16	5.59	-8%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.34	1.09	23%	1.25	1.08	16%
2.23	Cost of Service per Unit	Rs/kWh	7.50	6.88	9%	7.33	7.09	3%
<b>KPIs on Sales basis</b>								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.97	5.96	0%	5.93	5.94	0%
2.25	STU Cost per Unit	Rs/kWh	0.46	0.11	305%	0.39	0.48	-19%
2.26	CTU Cost per Unit	Rs/kWh	0.21	0.16	35%	0.23	0.23	0%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.44	1.25	16%	1.35	1.20	13%
2.28	ACS	Rs/kWh	8.08	7.85	3%	7.90	7.85	1%

2.29	ERC Disallowed Debt per Unit	Rs/kWh	0.22	2.00	-89%		1.09	1.63	-33%
<b>AT&amp;C Losses</b>									
2.30	Collection $\eta$	%	74%	85%	-12%		97%	94%	3%
2.31	Units Realized	MU	4531	5268	-14%		18465	17545	5%
2.32	Units Unrealized	MU	1876	1447	30%		2117	2646	-20%
2.33	AT&C Losses	%	29%	22%	36%		10%	13%	-22%
<b>ACS-ARR GAP</b>									
2.34	GAP	Rs/kWh	-1.44	-0.74	-95%		-0.79	-0.56	-43%

\*CTU charges are being charged on GNA from October-2023

### 3. Sales by Categories

#### 3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	26 (0%)	30 (0%)	-14%	83 (0%)	96 (1%)	-14%
3.1.2	31-75	171 (3%)	176 (3%)	-3%	547 (3%)	579 (3%)	-6%
3.1.3	76-125	321 (5%)	318 (5%)	1%	1010 (5%)	1024 (5%)	-1%
3.1.4	126-225	529 (9%)	500 (8%)	6%	1577 (8%)	1500 (8%)	5%
3.1.5	226-400	521 (9%)	462 (7%)	13%	1345 (7%)	1096 (6%)	23%
3.1.6	>400	405 (7%)	515 (8%)	-21%	1168 (6%)	992 (5%)	18%
3.1.7	LT-1	1974 (32%)	2003 (32%)	-1%	5731 (30%)	5287 (28%)	8%
3.1.8	LT-2	371 (6%)	366 (6%)	1%	1113 (6%)	1019 (5%)	9%
3.1.9	LT-3	125 (2%)	129 (2%)	-3%	380 (2%)	391 (2%)	-3%
3.1.10	LT-4	134 (2%)	134 (2%)	0%	418 (2%)	409 (2%)	2%
3.1.11	LT-5	1281 (21%)	1308 (21%)	-2%	4844 (25%)	4590 (24%)	6%
3.1.12	LT-5 A (ii)	955 (16%)	987 (16%)	-3%	3829 (20%)	3594 (19%)	7%
3.1.13	LT-5 excluding A(ii)	326 (5%)	321 (5%)	2%	1014 (5%)	996 (5%)	2%
3.1.14	LT	3885 (63%)	3939 (63%)	-1%	12486 (64%)	11697 (62%)	7%
3.1.15	HT-1	8 (0%)	8 (0%)	-3%	24 (0%)	21 (0%)	11%
3.1.16	HT-2	196 (3%)	203 (3%)	-3%	594 (3%)	585 (3%)	1%
3.1.17	HT-3	1713 (28%)	1832 (29%)	-6%	5241 (27%)	5574 (30%)	-6%
3.1.18	HT-4	268 (4%)	251 (4%)	7%	816 (4%)	758 (4%)	8%
3.1.19	HT-5	11 (0%)	12 (0%)	-9%	77 (0%)	113 (1%)	-31%
3.1.20	Rescos	37 (1%)	33 (1%)	12%	153 (1%)	124 (1%)	23%
3.1.21	HT	2233 (37%)	2338 (37%)	-4%	6905 (36%)	7175 (38%)	-4%
3.1.22	Discom Sales	6118	6277	-3%	19391	18872	3%

#### 3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3885	3939	-1%	12486	11697	7%
3.2.1	11KV	539	538	0%	1697	1608	5%
3.2.2	33KV	597	591	1%	1820	1840	-1%
3.2.3	EHT	1097	1209	-9%	3388	3754	-10%
3.1.22	Discom Sales	6118	6277	-3%	19391	18872	3%

#### 3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	25 (1%)	25 (1%)	0%	83 (1%)	76 (1%)	10%
3.3.2	31-75	58 (1%)	63 (1%)	-7%	199 (1%)	198 (1%)	0%
3.3.3	76-125	114 (3%)	119 (3%)	-5%	379 (3%)	373 (3%)	2%
3.3.4	126-225	251 (6%)	216 (5%)	16%	730 (5%)	648 (5%)	13%
3.3.5	226-400	311 (8%)	275 (6%)	13%	797 (6%)	626 (5%)	27%
3.3.6	>400	365 (9%)	402 (9%)	-9%	837 (6%)	660 (5%)	27%
3.3.7	LT-1	1123 (28%)	1100 (25%)	2%	3025 (22%)	2580 (19%)	17%
3.3.8	LT-2	433 (11%)	432 (10%)	0%	1331 (10%)	1182 (9%)	13%
3.3.9	LT-3	117 (3%)	139 (3%)	-16%	395 (3%)	396 (3%)	0%
3.3.10	LT-4	34 (1%)	273 (6%)	-88%	137 (1%)	367 (3%)	-63%
3.3.11	LT-5	444 (11%)	412 (9%)	8%	2988 (22%)	3149 (23%)	-5%
3.3.12	LT-5 A (ii)	298 (7%)	304 (7%)	-2%	2466 (18%)	2659 (19%)	-7%
3.3.13	LT-5 excluding A(ii)	146 (4%)	109 (2%)	34%	522 (4%)	490 (4%)	6%
3.3.14	LT	2152 (53%)	2357 (53%)	-9%	7876 (57%)	7675 (56%)	3%
3.3.15	HT-1	7 (0%)	6 (0%)	15%	20 (0%)	15 (0%)	32%
3.3.16	HT-2	234 (6%)	244 (5%)	-4%	819 (6%)	661 (5%)	24%
3.3.17	HT-3	1437 (35%)	1633 (37%)	-12%	4388 (32%)	4791 (35%)	-8%

3.3.18	HT-4	229 (6%)	196 (4%)	17%	652 (5%)	564 (4%)	16%
3.3.19	HT-5	3 (0%)	25 (1%)	-88%	27 (0%)	45 (0%)	-39%
3.3.20	Rescos	2 (0%)	1 (0%)	73%	7 (0%)	5 (0%)	33%
3.3.21	HT	1913 (47%)	2105 (47%)	-9%	5912 (43%)	6081 (44%)	-3%
3.3.22	Discom Collections	4064	4462	-9%	13788	13756	0%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	31,53,721(16%)	29,83,359(16%)	6%	31,53,721(16%)	29,83,359(16%)	6%
3.4.2	31-75	32,52,564(16%)	33,23,946(17%)	-2%	32,52,564(16%)	33,23,946(17%)	-2%
3.4.3	76-125	32,42,291(16%)	32,08,387(17%)	1%	32,42,291(16%)	32,08,387(17%)	1%
3.4.4	126-225	32,15,609(16%)	30,52,523(16%)	5%	32,15,609(16%)	30,52,523(16%)	5%
3.4.5	226-400	17,51,201(9%)	15,44,287(8%)	13%	17,51,201(9%)	15,44,287(8%)	13%
3.4.6	>400	8,56,308(4%)	9,68,695(5%)	-12%	8,56,308(4%)	9,68,695(5%)	-12%
3.4.7	LT-1	1,54,71,694(78%)	1,50,81,197(79%)	3%	1,54,71,694(78%)	1,50,81,197(79%)	3%
3.4.8	LT-2	17,62,734(9%)	16,96,286(9%)	4%	17,62,734(9%)	16,96,286(9%)	4%
3.4.9	LT-3	81,430(0%)	81,364(0%)	0%	81,430(0%)	81,364(0%)	0%
3.4.10	LT-4	3,71,781(2%)	3,59,054(2%)	4%	3,71,781(2%)	3,59,054(2%)	4%
3.4.11	LT-5	20,13,320(10%)	19,56,091(10%)	3%	20,13,320(10%)	19,56,091(10%)	3%
3.4.12	LT-5 A (ii)	19,32,359(10%)	18,67,303(10%)	3%	19,32,359(10%)	18,67,303(10%)	3%
3.4.13	LT-5 excluding A(ii)	80,961(0%)	88,788(0%)	-9%	80,961(0%)	88,788(0%)	-9%
3.4.14	LT	1,97,00,959(100%)	1,91,73,992(100%)	3%	1,97,00,959(100%)	1,91,73,992(100%)	3%
3.4.15	HT-1	135(0%)	126(0%)	7%	135(0%)	126(0%)	7%
3.4.16	HT-2	5,480(0%)	5,073(0%)	8%	5,480(0%)	5,073(0%)	8%
3.4.17	HT-3	6,863(0%)	6,686(0%)	3%	6,863(0%)	6,686(0%)	3%
3.4.18	HT-4	861(0%)	854(0%)	1%	861(0%)	854(0%)	1%
3.4.19	HT-5	721(0%)	724(0%)	0%	721(0%)	724(0%)	0%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,061(0%)	13,464(0%)	4%	14,061(0%)	13,464(0%)	4%
3.4.22	Discom Bills	1,97,15,020	1,91,87,456	3%	1,97,15,020	1,91,87,456	3%

### 3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	9.40	8.16	15%	9.98	7.86	27%
3.5.2	31-75	3.41	3.56	-4%	3.63	3.42	6%
3.5.3	76-125	3.54	3.75	-6%	3.75	3.64	3%
3.5.4	126-225	4.74	4.33	10%	4.63	4.32	7%
3.5.5	226-400	5.97	5.95	0%	5.93	5.71	4%
3.5.6	>400	9.02	7.80	16%	7.16	6.65	8%
3.5.7	LT-1	5.69	5.49	4%	5.28	4.88	8%
3.5.8	LT-2	11.67	11.79	-1%	11.96	11.60	3%
3.5.9	LT-3	9.34	10.77	-13%	10.40	10.15	2%
3.5.10	LT-4	2.52	20.46	-88%	3.28	8.97	-63%
3.5.11	LT-5	3.47	3.15	10%	6.17	6.86	-10%
3.5.12	LT-5 A (ii)	3.13	3.08	2%	6.44	7.40	-13%
3.5.13	LT-5 excluding A(ii)	4.47	3.39	32%	5.14	4.92	5%
3.5.14	LT	5.54	5.98	-7%	6.31	6.56	-4%
3.5.15	HT-1	8.53	7.26	18%	8.36	7.03	19%
3.5.16	HT-2	11.93	12.06	-1%	13.78	11.30	22%
3.5.17	HT-3	8.39	8.92	-6%	8.37	8.59	-3%
3.5.18	HT-4	8.56	7.81	10%	7.99	7.45	7%
3.5.19	HT-5	2.69	20.66	-87%	3.51	3.98	-12%
3.5.20	Rescos	0.62	0.40	54%	0.43	0.40	8%
3.5.21	HT	8.56	9.00	-5%	8.56	8.48	1%
3.5.22	ARR	6.64	7.11	-7%	7.11	7.29	-2%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	8	10	-18%	9	11	-18%
3.6.2	31-75	53	53	-1%	56	58	-3%
3.6.3	76-125	99	99	0%	104	106	-2%
3.6.4	126-225	165	164	0%	163	164	0%
3.6.5	226-400	297	299	-1%	256	237	8%
3.6.6	>400	472	532	-11%	455	341	33%
3.6.7	LT-1	128	133	-4%	123	117	6%
3.6.8	LT-2	211	216	-2%	210	200	5%
3.6.9	LT-3	1540	1587	-3%	1554	1600	-3%
3.6.10	LT-4	360	372	-3%	375	380	-1%
3.6.11	LT-5	636	669	-5%	802	782	3%
3.6.12	LT-5 A (ii)	494	529	-7%	661	642	3%
3.6.13	LT-5 excluding A(ii)	4031	3614	12%	4176	3739	12%
3.6.14	LT	197	205	-4%	211	203	4%
3.6.15	HT-1	57407	63095	-9%	58667	56508	4%
3.6.16	HT-2	35854	39941	-10%	36127	38462	-6%
3.6.17	HT-3	249617	273946	-9%	254573	277893	-8%
3.6.18	HT-4	311208	293349	6%	315734	295671	7%
3.6.19	HT-5	15284	16713	-9%	35798	51966	-31%
3.6.20	Rescos	37020000	32950000	12%	50920000	41450000	23%
3.6.21	HT	158832	173629	-9%	163687	177644	-8%
3.6.22	AMC	310	327	-5%	328	328	0%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	78	83	-6%	88	85	4%
3.7.2	31-75	179	189	-5%	204	199	2%
3.7.3	76-125	351	372	-6%	389	387	1%
3.7.4	126-225	781	709	10%	757	708	7%
3.7.5	226-400	1774	1783	0%	1517	1351	12%
3.7.6	>400	4260	4146	3%	3258	2270	44%
3.7.7	LT-1	726	730	0%	652	570	14%
3.7.8	LT-2	2458	2544	-3%	2517	2322	8%
3.7.9	LT-3	14377	17092	-16%	16167	16242	0%
3.7.10	LT-4	908	7611	-88%	1232	3408	-64%
3.7.11	LT-5	2207	2108	5%	4947	5367	-8%
3.7.12	LT-5 A (ii)	1544	1625	-5%	4255	4747	-10%
3.7.13	LT-5 excluding A(ii)	18019	12256	47%	21474	18399	17%
3.7.14	LT	1092	1229	-11%	1333	1334	0%
3.7.15	HT-1	489630	457937	7%	490370	397354	23%
3.7.16	HT-2	427646	481687	-11%	497877	434588	15%
3.7.17	HT-3	2093851	2442252	-14%	2131021	2388384	-11%
3.7.18	HT-4	2665389	2291803	16%	2524158	2202771	15%
3.7.19	HT-5	41054	345304	-88%	125705	206722	-39%
3.7.20	Rescos	22900000	13200000	73%	21966667	16566667	33%
3.7.21	HT	1360294	1563473	-13%	1401441	1505561	-7%
3.7.22	ACPB	2062	2325	-11%	2331	2390	-2%

## 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	2826 (43%)	2751 (38%)	3%	3018 (42%)	-6%	8781 (42%)	8351 (40%)	5%	9155 (43%)	-4%
4.1.2	State Hydel	106 (2%)	152 (2%)	-30%	140 (2%)	-24%	398 (2%)	450 (2%)	-11%	517 (2%)	-23%
4.1.3	CGS	866 (13%)	996 (14%)	-13%	856 (12%)	1%	3024 (14%)	3002 (14%)	1%	2597 (12%)	16%
4.1.4	Gas	0 (0%)	0 (0%)	- 100%	0 (0%)	-	28 (0%)	0 (0%)	-	0 (0%)	-
4.1.5	IPPs	645 (10%)	873 (12%)	-26%	1221 (17%)	-47%	2512 (12%)	2759 (13%)	-9%	3706 (18%)	-32%
4.1.6	VRE-Wind	955 (14%)	1148 (16%)	-17%	966 (14%)	-1%	1921 (9%)	1997 (10%)	-4%	1945 (9%)	-1%
4.1.7	VRE-Solar	757 (11%)	697 (10%)	9%	657 (9%)	15%	2161 (10%)	1682 (8%)	28%	2009 (10%)	8%
4.1.8	RE-Others	21 (0%)	19 (0%)	9%	29 (0%)	-29%	62 (0%)	59 (0%)	6%	87 (0%)	-29%
4.1.9	Markets	415 (6%)	521 (7%)	-20%	261 (4%)	59%	2032 (10%)	2195 (11%)	-7%	1037 (5%)	96%
4.1.10	Others	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	385 (2%)	- 100%	0 (0%)	-
4.1.11	Discom Purchases	6591	7156	-8%	7148	-8%	20920	20881	0%	21053	-1%

### 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	1670 (46%)	1525 (41%)	10%	1642 (48%)	2%	4870 (42%)	4532 (40%)	7%	4963 (50%)	-2%
4.2.2	State Hydel	49 (1%)	54 (1%)	-8%	60 (2%)	-18%	170 (1%)	161 (1%)	6%	181 (2%)	-6%
4.2.3	CGS	451 (12%)	569 (15%)	-21%	365 (11%)	24%	1561 (14%)	1677 (15%)	-7%	1104 (11%)	41%
4.2.4	Gas	1 (0%)	1 (0%)	48%	2 (0%)	-35%	32 (0%)	1 (0%)	4780 %	5 (0%)	616%
4.2.5	IPPs	303 (8%)	405 (11%)	-25%	532 (16%)	-43%	1245 (11%)	1298 (12%)	-4%	1607 (16%)	-23%
4.2.6	VRE-Wind	441 (12%)	543 (15%)	-19%	454 (13%)	-3%	909 (8%)	946 (8%)	-4%	914 (9%)	-1%
4.2.7	VRE-Solar	396 (11%)	304 (8%)	31%	251 (7%)	58%	1044 (9%)	748 (7%)	40%	768 (8%)	36%
4.2.8	RE-Others	13 (0%)	12 (0%)	6%	19 (1%)	-32%	40 (0%)	37 (0%)	8%	57 (1%)	-29%
4.2.9	Markets	330 (9%)	329 (9%)	0%	67 (2%)	393%	1637 (14%)	1660 (15%)	-1%	277 (3%)	491%
4.2.10	Others	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	156 (1%)	-100%	0 (0%)	-
4.2.11	Power Purchase Cost	3655	3742	-2%	3391	8%	11508	11216	3%	9875	17%

### 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	454	320	42%	521	-13%	1276	969	32%	1562	-18%
4.3.2	State Hydel	49	54	-8%	60	-18%	170	161	6%	181	-6%
4.3.3	CGS	117	119	-1%	80	47%	352	355	-1%	240	47%
4.3.4	Gas	1	1	48%	2	-35%	2	1	235%	5	-51%
4.3.5	IPPs	111	136	-18%	181	-39%	389	448	-13%	544	-29%
4.3.6	Others	0	0	-	0	-	0	3	-100%	0	-
4.3.7	Fixed Cost	733	629	17%	844	-13%	2190	1936	13%	2532	-14%

#### 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	1216	1204	1%	1121	8%	3594	3563	1%	3401	6%
4.4.2	CGS	334	451	-26%	285	17%	1210	1323	-9%	865	40%
4.4.3	Gas	0	0	-	0	-	30	0	-	0	-
4.4.4	IPPs	191	270	-29%	350	-45%	856	851	1%	1063	-19%
4.4.5	VRE-Wind	441	543	-19%	454	-3%	909	946	-4%	914	-1%
4.4.6	VRE-Solar	396	304	31%	251	58%	1044	748	40%	768	36%
4.4.7	RE-Others	12	12	6%	18	-30%	39	36	10%	53	-26%
4.4.8	Markets	330	329	0%	67	393%	1637	1659	-1%	277	491%
4.4.9	Others	0	0	-	0	-	0	154	-100%	0	-
4.4.10	Variable Cost	2922	3113	-6%	2546	15%	9318	9279	0%	7340	27%

#### 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	5.91	5.54	7%	5.44	9%	5.55	5.43	2%	5.42	2%
4.5.2	State Hydel	4.67	3.54	32%	4.31	8%	4.27	3.57	20%	3.50	22%
4.5.3	CGS	5.21	5.72	-9%	4.26	22%	5.16	5.59	-8%	4.25	21%
4.5.4	Gas	0.00	-15.35	-100%	0.00	-	11.47	-15.35	-175%	0.00	-
4.5.5	IPPs	4.69	4.64	1%	4.35	8%	4.96	4.70	5%	4.34	14%
4.5.6	VRE-Wind	4.62	4.73	-2%	4.70	-2%	4.73	4.74	0%	4.70	1%
4.5.7	VRE-Solar	5.24	4.36	20%	3.82	37%	4.83	4.45	9%	3.82	26%
4.5.8	RE-Others	6.20	6.38	-3%	6.49	-4%	6.44	6.27	3%	6.48	-1%
4.5.9	Markets	7.95	6.32	26%	2.57	210%	8.05	7.56	7%	2.67	202%
4.5.10	Others	0.00	0.00	-	0.00	-	0.00	4.07	-100%	0.00	-
4.5.11	Weighted Average	5.55	5.23	6%	4.74	17%	5.50	5.37	2%	4.69	17%

#### 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	1.61	1.17	38%	1.73	-7%	1.45	1.16	25%	1.71	-15%
4.6.2	State Hydel	4.67	3.54	32%	4.31	8%	4.27	3.57	20%	3.50	22%
4.6.3	CGS	1.35	1.19	14%	0.93	45%	1.16	1.18	-1%	0.92	26%
4.6.4	Gas	0.00	-15.35	-100%	0.00	-	0.79	-	-105%	0.00	-
								15.35			
4.6.5	IPPs	1.72	1.55	11%	1.49	16%	1.55	1.62	-5%	1.47	5%
4.6.6	Average FC	1.11	0.88	27%	1.18	-6%	1.05	0.93	13%	1.20	-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	4.30	4.38	-2%	3.71	16%	4.09	4.27	-4%	3.71	10%
4.7.2	CGS	3.86	4.53	-15%	3.33	16%	4.00	4.41	-9%	3.33	20%
4.7.3	Gas	0.00	0.00	-	0.00	-	10.69	0.00	-	0.00	-
4.7.4	IPPs	2.96	3.09	-4%	2.87	3%	3.41	3.08	11%	2.87	19%
4.7.5	VRE-Wind	4.62	4.73	-2%	4.70	-2%	4.73	4.74	0%	4.70	1%
4.7.6	VRE-Solar	5.24	4.36	20%	3.82	37%	4.83	4.45	9%	3.82	26%
4.7.7	RE-Others	6.20	6.38	-3%	6.49	-4%	6.44	6.27	3%	6.48	-1%
4.7.8	Markets	7.95	6.32	26%	2.57	210%	8.05	7.56	7%	2.67	202%
4.7.9	Average VC	4.43	4.35	2%	3.56	24%	4.45	4.44	0%	3.49	28%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2321	2348	-1%	7410	6952	7%
4.8.2	11KV	322	320	1%	1007	956	5%
4.8.3	33KV	357	352	1%	1080	1093	-1%
4.8.4	EHT	655	721	-9%	2010	2231	-10%
4.2.11	Power Purchase Cost	3655	3742	-2%	11508	11216	3%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	3141	3091	2%	9869	9177	8%
4.9.2	11KV	436	422	3%	1341	1262	6%
4.9.3	33KV	483	464	4%	1439	1443	0%
4.9.4	EHT	887	949	-7%	2678	2945	-9%
2.19	Cost of Service	4946	4925	0%	15327	14827	3%
						7	

#### 4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	188	146	28%	637	487	31%
4.10.2	11KV	148	138	7%	506	479	6%
4.10.3	33KV	156	202	-23%	539	582	-7%
4.10.4	EHT	160	196	-18%	552	562	-2%
4.10.5	Loss	652	682	-4%	2234	2109	6%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	3237	3179	2%	10181	9472	7%
4.11.2	11KV	429	418	2%	1316	1250	5%
4.11.3	33KV	460	447	3%	1366	1382	-1%
4.11.4	EHT	821	880	-7%	2464	2722	-9%
2.19	Cost of Service	4946	4925	0%	15327	14827	3%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	8.3	8.1	3%	8.2	8.1	1%
4.12.2	11KV	7.9	7.8	2%	7.8	7.8	0%
4.12.3	33KV	7.7	7.6	2%	7.5	7.5	0%
4.12.4	EHT	7.5	7.3	3%	7.3	7.3	0%
2.28	ACS	8.1	7.8	3%	7.9	7.9	1%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>2814</b>	<b>3397</b>	<b>3397</b>	<b>3397</b>	<b>13006</b>
5.1.2	Agriculture Subsidy	2448	2216	2216	2216	9097
5.1.3	Aquaculture Subsidy	367	185	185	185	920
5.1.4	SC Colonies Subsidy	0	159	159	159	476
5.1.5	ST Thandas Subsidy	0	36	36	36	108
5.1.6	Other Subsidy	0	802	802	802	2406
5.1.7	<b>Govt Agencies</b>	<b>727</b>	<b>1341</b>	<b>1341</b>	<b>1341</b>	<b>4748</b>
5.1.8	Panchayats	83	525	525	525	1659
5.1.9	WR Dept	17	415	415	415	1262
5.1.10	ULB	87	214	214	214	728
5.1.11	Other Govt Dept	539	186	186	186	1098
5.1.12	<b>Govt serviced debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5.1.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5.1.14	<b>Private Customers Receivables</b>	<b>10248</b>	<b>9303</b>	<b>9303</b>	<b>9303</b>	<b>38157</b>
5.1.15	<b>Total</b>	<b>13789</b>	<b>14041</b>	<b>14041</b>	<b>14041</b>	<b>55912</b>
5.1.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5.1.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	<b>Subsidy</b>	<b>1132</b>	<b>1389</b>	<b>394</b>	<b>299</b>	<b>995</b>	<b>32%</b>	<b>-65%</b>
5.2.2	Agriculture Subsidy	739	967	294	299	673	-2%	-60%
5.2.3	Aquaculture Subsidy	62	67	100	0	-34	-	63%
5.2.4	SC Colonies Subsidy	53	91	0	0	91	-	-100%
5.2.5	ST Thandas Subsidy	12	24	0	0	24	-	-100%
5.2.6	Other Subsidy	267	240	0	0	240	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>447</b>	<b>554</b>	<b>228</b>	<b>375</b>	<b>326</b>	<b>-39%</b>	<b>-49%</b>
5.2.8	Panchayats	175	179	14	245	165	-94%	-92%
5.2.9	WR Dept	138	93	0	23	93	-99%	-100%
5.2.10	ULB	71	66	40	40	26	0%	-44%
5.2.11	Other Govt Dept	62	216	174	68	43	154%	180%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.14	<b>Private Customers Receivables</b>	<b>3101</b>	<b>4076</b>	<b>3443</b>	<b>3787</b>	<b>634</b>	<b>-9%</b>	<b>11%</b>
5.2.15	<b>Total</b>	<b>4680</b>	<b>6019</b>	<b>4065</b>	<b>4461</b>	<b>1954</b>	<b>-9%</b>	<b>-13%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>

### 5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
5.3.1	<b>Subsidy</b>	<b>12391</b>	<b>3397</b>	<b>3980</b>	<b>2814</b>	<b>2893</b>	<b>13556</b>	<b>13373</b>	<b>-3%</b>	<b>-17%</b>
5.3.2	Agriculture Subsidy	9760	2216	2901	2448	2644	10214	9569	-7%	10%
5.3.3	Aquaculture Subsidy	1460	185	206	367	249	1300	1323	47%	99%
5.3.4	SC Colonies Subsidy	882	159	202	0	0	1084	951	-	-100%
5.3.5	ST Thandas Subsidy	277	36	46	0	0	323	302	-	-100%
5.3.6	Other Subsidy	12	802	625	0	0	637	1227	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>15166</b>	<b>1341</b>	<b>1690</b>	<b>727</b>	<b>743</b>	<b>16130</b>	<b>13833</b>	<b>-2%</b>	<b>-46%</b>
5.3.8	Panchayats	6654	525	530	83	282	7101	6086	-71%	-84%
5.3.9	WR Dept	7233	415	326	17	45	7542	6595	-61%	-96%



## 6. Payables

### 6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
<b>6.1.1</b>	<b>PP Cost</b>	<b>11508</b>	<b>9616</b>	<b>8703</b>	<b>9432</b>	<b>39259</b>
6.1.2	State Thermal	4870	4751	4264	4724	18609
6.1.3	State Hydel	170	181	181	181	714
6.1.4	CGS	1561	1078	1078	1060	4776
6.1.5	IPPs Gas	32	5	5	5	46
6.1.6	IPPs Thermal	1245	1539	1533	1520	5838
6.1.7	VRE- Wind	909	1349	354	461	3073
6.1.8	VRE- Solar	1044	655	1231	1426	4355
6.1.9	Other-NCE	40	57	57	56	211
6.1.10	Market	1637	0	0	0	1637
6.1.11	Other	0	0	0	0	0
<b>6.1.12</b>	<b>CTU Cost</b>	<b>445</b>	<b>361</b>	<b>361</b>	<b>361</b>	<b>1528</b>
<b>6.1.13</b>	<b>STU Cost</b>	<b>751</b>	<b>1013</b>	<b>1013</b>	<b>1013</b>	<b>3789</b>
<b>6.1.14</b>	<b>Distribution Cost</b>	<b>2624</b>	<b>2855</b>	<b>2855</b>	<b>2855</b>	<b>11189</b>
6.1.15	O&M Cost	1625	1938	1938	1938	7438
6.1.16	HR Cost	1374	1585	1585	1585	6130
6.1.17	A&G Cost	64	87	87	87	326
6.1.18	R&M Cost	187	265	265	265	982
6.1.19	Depreciation	533	532	532	532	2130
6.1.20	ROCE	313	437	437	437	1625
6.1.21	Others	153	-52	-52	-52	-4
<b>6.1.22</b>	<b>Cost of Service</b>	<b>15328</b>	<b>13844</b>	<b>12931</b>	<b>13661</b>	<b>55764</b>
7.1.1	Capex Debt service (P+I)	524	0	0	0	524
7.1.2	Opex Debt service (P+I)	5958	0	0	0	5958

### 6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
<b>6.2.1</b>	<b>PP Cost</b>	<b>3391</b>	<b>3655</b>	<b>3108</b>	<b>3768</b>	<b>547</b>	<b>-18%</b>	<b>-8%</b>
6.2.2	State Thermal	1642	1670	1088	1258	582	-14%	-34%
6.2.3	State Hydel	60	49	53	54	-4	-2%	-12%
6.2.4	CGS	365	451	762	715	-311	7%	109%
6.2.5	IPPs Gas	2	1	0	0	1	-	-100%
6.2.6	IPPs Thermal	532	303	309	443	-6	-30%	-42%
6.2.7	VRE- Wind	454	441	79	619	362	-87%	-83%
6.2.8	VRE- Solar	251	396	91	180	305	-49%	-64%
6.2.9	Other-NCE	19	13	25	14	-12	79%	34%
6.2.10	Market	67	330	701	485	-371	45%	945%
6.2.11	Other	0	0	0	0	0	-	-
<b>6.2.12</b>	<b>CTU Cost</b>	<b>120</b>	<b>128</b>	<b>143</b>	<b>230</b>	<b>-15</b>	<b>-38%</b>	<b>19%</b>
<b>6.2.13</b>	<b>STU Cost</b>	<b>338</b>	<b>280</b>	<b>71</b>	<b>183</b>	<b>209</b>	<b>-61%</b>	<b>-79%</b>
<b>6.2.14</b>	<b>Distribution Cost</b>	<b>952</b>	<b>883</b>	<b>672</b>	<b>533</b>	<b>211</b>	<b>26%</b>	<b>-29%</b>
6.2.15	O&M Cost	646	556	556	429	0	30%	-14%
6.2.16	HR Cost	528	463	463	371	0	25%	-12%
6.2.17	A&G Cost	29	21	21	19	0	11%	-28%
6.2.18	R&M Cost	88	72	72	39	0	85%	-18%
6.2.19	Depreciation	177	177	56	0	0	-	-68%
6.2.20	ROCE	146	103	13	0	0	-	-91%
6.2.21	Others	-17	47	47	104	0	-55%	-370%
<b>6.2.22</b>	<b>Cost of Service</b>	<b>4800</b>	<b>4946</b>	<b>3994</b>	<b>4714</b>	<b>952</b>	<b>-15%</b>	<b>-17%</b>
7.2.1	Capex Debt service (P+I)	0	168	168	145	0	16%	-
7.2.2	Opex Debt service (P+I)	0	2508	133	1257	2375	-89%	-

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
<b>6.3.1</b>	<b>PP Cost</b>	<b>7105</b>	<b>9875</b>	<b>11508</b>	<b>9648</b>	<b>12249</b>	<b>8965</b>	<b>4519</b>	<b>-21%</b>	<b>-2%</b>
6.3.2	State Thermal	-1261	4963	4870	3840	4037	-231	2748	-5%	-23%
6.3.3	State Hydel	130	181	170	159	162	141	130	-2%	-12%
6.3.4	CGS	1638	1104	1561	1812	2475	1387	727	-27%	64%
6.3.5	IPPs Gas	83	5	32	0	0	115	0	-	-100%
6.3.6	IPPs Thermal	1954	1607	1245	974	1362	2225	218	-28%	-39%
6.3.7	VRE- Wind	1086	914	909	461	1879	1534	573	-75%	-50%
6.3.8	VRE- Solar	671	768	1044	501	638	1214	123	-21%	-35%
6.3.9	Other-NCE	58	57	40	46	47	52	0	-2%	-19%
6.3.10	Market	2746	277	1637	1855	1649	2528	0	12%	570%
6.3.11	Other	0	0	0	0	0	0	0	-	-
<b>6.3.12</b>	<b>CTU Cost</b>	<b>26</b>	<b>361</b>	<b>445</b>	<b>338</b>	<b>504</b>	<b>133</b>	<b>0</b>	<b>-33%</b>	<b>-6%</b>
<b>6.3.13</b>	<b>STU Cost</b>	<b>3182</b>	<b>1013</b>	<b>751</b>	<b>255</b>	<b>518</b>	<b>3678</b>	<b>2128</b>	<b>-51%</b>	<b>-75%</b>
<b>6.3.14</b>	<b>Distribution Cost</b>	<b>0</b>	<b>2855</b>	<b>2624</b>	<b>1874</b>	<b>1631</b>	<b>750</b>	<b>0</b>	<b>15%</b>	<b>-34%</b>
6.3.15	O&M Cost	0	1938	1625	1625	1395	0	0	17%	-16%
6.3.16	HR Cost	0	1585	1374	1374	1157	0	0	19%	-13%
6.3.17	A&G Cost	0	87	64	64	67	0	0	-4%	-26%
6.3.18	R&M Cost	0	265	187	187	171	0	0	9%	-29%
6.3.19	Depreciation	0	532	533	56	0	0	0	-	-89%
6.3.20	ROCE	0	437	313	40	0	0	0	-	-91%
6.3.21	Others	0	-52	153	153	236	0	0	-35%	-393%
<b>6.3.22</b>	<b>Cost of Service</b>	<b>10313</b>	<b>14103</b>	<b>15328</b>	<b>12115</b>	<b>14902</b>	<b>13526</b>	<b>6647</b>	<b>-19%</b>	<b>-14%</b>
7.3.1	Capex Debt service (P+I)	0	0	524	524	435	0	0	20%	-
7.3.2	Opex Debt service (P+I)	0	0	5958	2107	3073	3851	0	-31%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	524	0	0	0	524
7.1.2	ERC disallowable-Opex Debt	5958	0	0	0	5958
7.1.3	<b>Debt Servicing</b>	6482	0	0	0	6482

### 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	0	168	168	145	0	16%	-
7.2.2	ERC disallowable-Opex Debt	0	2508	133	1257	2375	-89%	-
7.2.3	<b>Debt Servicing</b>	0	2676	301	1402	2375	-79%	-

### 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	0	524	524	435	0	0	20%	-
7.3.2	ERC disallowable-Opex Debt	0	0	5958	2107	3073	3851	0	-31%	-
7.3.3	<b>Debt Servicing</b>	0	0	6482	2631	3508	3851	0	-25%	-

### 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	6715	6789	-1%	19051	19215	-1%	25766	26004	-1%
7.4.2	PFC	3147	3451	-9%	19703	19852	-1%	22850	23303	-2%
7.4.3	APPFCL	0	0	-	8469	8584	-1%	8469	8584	-1%
7.4.4	BANKS	1052	1104	-5%	1378	1609	-14%	2430	2713	-10%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2139	1990	7%	2139	1990	7%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	9	9	0%	0	0	-	9	9	0%
7.4.9	OTHERS	1691	1399	21%	2901	2902	0%	4592	4301	7%
7.4.10	<b>Debt Outstanding</b>	<b>12614</b>	<b>12752</b>	<b>-1%</b>	<b>53641</b>	<b>54152</b>	<b>-1%</b>	<b>66255</b>	<b>66904</b>	<b>-1%</b>

## 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 <sup>6</sup> Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 <sup>3</sup> 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 <sup>3</sup> 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

Note:

1. Sales related data (Rs Cr) is obtained on Billing basis provided by Distribution licensees of Andhra Pradesh
2. Billing Cycle: CPDCL - 1-15 of Every Month; EPDCL - 4-21 of Every Month; SPDCL - 1-12 of Every Month
3. CTU Cost is obtained on Billing basis
4. CTU charges are being charged on GNA from October-2023

## Glossary

### 1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.9	AgI Consumption	Refer 3.1.9
3.1.19	Discom Sales	<b>D</b> =Refer 3.1.19
1.02	Private Sales	Sales against Pvt connections
1.03	Government Sales	Sales against Govt connections
1.04	Government Subsidy	Sales against Subsidy connections
Collection (Rs Cr)		
1.05	Opening Debtors	<b>G</b> = Opening debtors for sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debtors). Unbilled Revenue shall not be considered as Debtors
5.2.14	Pvt Sales	Refer 5.2.14
5.2.7	Gov Sales	Refer 5.2.7
5.2.1	Gov Subsidy	Refer 5.2.1
1.06	Others	Collections from any other category provided above
3.3.19	Discom Collections	Refer 3.3.19
1.07	Metered Sales	Collections from Metered Sales
3.3.10	AgI Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	<b>E</b> = 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	<b>F</b> = 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	<b>H</b> = 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	<b>I</b> =H(i+ii)
Key Performance Indicators		
3.5.19	ARR	Refer 3.5.19
3.6.19	AMC	Refer 3.6.19
3.7.19	ACPB	Refer 3.7.19

### 2. Purchases

Power Purchase		
3.1.19	Discom Sales	<b>D</b> =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	<b>C</b> =Input at Discom Periphery
4.10.4	Transmission Loss	<b>B</b> = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	<b>A</b> =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.03	STU	Contracted Capacity of State Transmission Utility
2.04	CTU	Contracted Capacity of Contracted Transmission Utility
2.05	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.06	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.07	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	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)		
2.09	STU Cost	<b>a</b> =Expenditure for using State Transmission Network for Transmission of Power
2.10	CTU Cost	<b>b</b> =Expenditure for using Central Transmission Network for Transmission of Power
2.11	Distribution Network Cost	<b>c</b> =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.12	O&M Cost	<b>d</b> =Operation and Maintenance Cost (e+f+g)

2.13	HR Cost	e=Human Resource Cost
2.14	A&G Cost	f=Admin and General Cost
2.15	R & M Cost	g=Repairs and Maintenance
2.16	Depreciation	h=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.17	ROCE	i=Return on Capital Employed
2.18	Others	j=Any other Cost
<b>Cost of Service (Rs Cr)</b>		
2.19	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
<b>KPIs on Purchase basis</b>		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.20	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.21	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.22	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.23	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
<b>KPIs on Sales basis</b>		
2.24	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.28	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.29	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
<b>AT&amp;C Losses</b>		
2.30	Collection $\eta$	$J=(F+G-I)/E \times 100$
2.31	Units Realized	$K=D \times J/100$
2.32	Units Unrealized	$L=C-K$
2.33	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} = L/(\text{Discom Input}) \times 100$
<b>ARR-ACS GAP</b>		
2.34	GAP	=ARR-ACS

### 3. Sales by Categories

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

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

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

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

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

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

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

### 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) =  $\frac{\text{Power Purchase Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the Month(MU)}}$

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

4.10 Losses by Voltage (MU) = Transmission & Distribution losses on Voltage basis

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

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

## 5. Receivables

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

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

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

## 6. Payables

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

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

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

## 7. Debt Servicing

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

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

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

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