

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators December- 2021

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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	3817 (91%)	3621 (83%)	5%	38121 (84%)	32662 (82%)	17%
3.1.9	Agl Consumption	MU	394 (9%)	738 (17%)	-47%	7009 (16%)	7336 (18%)	-4%
3.1.19	Discom Sales	MU	4212	4359	-3%	45130	39998	13%
1.02	Private Sales	MU	3055 (73%)	3343 (77%)	-9%	32681 (72%)	28291 (71%)	16%
1.03	Government Sales	MU	563 (13%)	436 (10%)	29%	4561 (10%)	3509 (9%)	30%
1.04	Government Subsidy	MU	594 (14%)	580 (13%)	2%	7888 (17%)	8199 (20%)	-4%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	12570	11577	9%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	1855	1941	-4%	20460	16850	21%
5.2.7	Gov Sales	Rs Cr	463	221	110%	2808	1295	117%
5.2.1	Gov Subsidy	Rs Cr	2076	0	-	7198	3178	126%
1.06	Others	Rs Cr	0	0	-	0	0	-
3.3.19	Discom Collections	Rs Cr	4385	2161	103%	30455	21322	43%
1.07	Metered Sales	Rs Cr	2679	2155	24%	23889	18430	30%
3.3.9	Agl Consumption	Rs Cr	1706	7	25553%	6566	2892	127%
1.08	Revenue from Sale	Rs Cr	3140	3077	2%	31673	28376	12%
1.09	Adj Revenue from Sale	Rs Cr	4175	2294	82%	32191	24442	32%
1.10	Closing Debtors	Rs Cr	12533	11683	7%	12533	11683	7%
1.11	Adj Closing Debtors	Rs Cr	12533	11683	7%	12533	11683	7%
<b>KPIs</b>								
3.5.19	ARR	Rs/kWh	10.41	4.96	110%	6.75	5.33	27%
3.6.19	AMC	kWh/bill/Mth	232	251	-7%	265	246	8%
3.7.19	ACPB	Rs/bill/Mth	2419	1245	94%	1790	1309	37%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.19	Discom Sales	MU	4212 (86%)	4359 (93%)	-3%	45130 (88%)	39998 (92%)	13%
2.01	Discom Losses	MU	331 (7%)	262 (6%)	26%	3561 (7%)	3018 (7%)	18%
2.02	Discom Input	MU	4835 (98%)	4591 (98%)	-2%	47893 (94%)	42376 (98%)	13%
4.12.4	Transmission Loss	MU	129 (3%)	207 (4%)	-37%	1391 (3%)	1664 (4%)	-16%
4.1.11	Discom Purchases	MU	4910	4694	5%	51016	43247	18%
4.2.11	Power Purchase Cost	Rs. Cr	2051 (66%)	1868 (65%)	10%	22073 (70%)	18192 (67%)	21%
<b>Contracted Network Capacity (MW)</b>								
2.03	STU	MW	12843	11909	8%	12843	11909	8%
2.04	CTU	MW	1694	1873	-10%	1857	2228	-17%
2.05	Distribution	MW	11334	10365	9%	11334	10365	9%
<b>Capacity Charges</b>								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.6	1.4	14%	1.5	1.3	18%
2.07	CTU Charges	Rs. Lacs/MW/Mth	4.5	3.5	29%	3.6	3.7	-3%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	6.5	7.0	-7%	6.3	7.0	-9%
<b>Network Cost (Rs. Cr)</b>								
2.09	STU Cost	Rs Cr	202 (7%)	170 (6%)	19%	1790 (6%)	1401 (5%)	28%
2.10	CTU Cost	Rs Cr	77 (2%)	66 (2%)	16%	599 (2%)	739 (3%)	-19%
2.11	Distribution Network Cost	Rs Cr	732 (24%)	729 (25%)	0%	6452 (21%)	6491 (24%)	0%
2.12	O&M Cost	Rs Cr	446	481	-7%	4160	4460	-7%
2.13	HR Cost	Rs Cr	372	393	-5%	3517	3811	-8%
2.14	A&G Cost	Rs Cr	20	22	-10%	173	205	-15%
2.15	R & M Cost	Rs Cr	54	66	-18%	470	444	6%
2.16	Depreciation	Rs Cr	132	124	7%	1034	999	4%
2.17	ROCE	Rs Cr	124	86	44%	970	652	49%
2.18	Others	Rs Cr	29	38	-23%	288	382	-25%
2.19	Network Cost	Rs Cr	1011 (33%)	965 (34%)	5%	8974 (29%)	8631 (32%)	4%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.20	B&C Cost and Supply Margin	Rs Cr	15	13	13%	155	168	-8%
2.21	Interest on Security Deposits	Rs Cr	18	20	-11%	163	155	5%
2.22	Retail Supply Cost	Rs Cr	33 (1%)	33 (1%)	-2%	318 (1%)	322 (1%)	-1%
<b>Cost of Service (Rs. Cr)</b>								
2.23	Cost of Service	Rs Cr	3094	2867	8%	31365	27145	16%
7.2.2	ERC Disallowed Debt	Rs Cr	1184	545	117%	9384	5242	79%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.18	3.98	5%	4.33	4.21	3%
2.24	STU Cost per Unit	Rs/kWh	0.41	0.36	14%	0.35	0.32	8%
2.25	CTU Cost per Unit	Rs/kWh	0.16	0.14	11%	0.12	0.17	-31%
2.26	CTU Cost Per Unit on CGS purchases	Rs/kWh	4.24	4.11	3%	3.89	4.21	-8%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.49	1.55	-4%	1.27	1.50	-15%
2.28	Network Cost per Unit	Rs/kWh	2.06	2.05	1%	1.76	2.00	-12%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.07	0.07	-6%	0.06	0.07	-16%
2.30	Cost of Service per Unit	Rs/kWh	6.30	6.11	3%	6.15	6.28	-2%
<b>KPIs on Sales basis</b>								
2.31	Energy Cost on Sales Basis	Rs/kWh	4.87	4.29	14%	4.89	4.55	8%
2.32	STU Cost per Unit	Rs/kWh	0.48	0.38	27%	0.40	0.35	13%
2.33	CTU Cost per Unit	Rs/kWh	0.18	0.15	20%	0.13	0.18	-28%
2.34	Distribution Network Cost per Unit	Rs/kWh	1.74	1.67	4%	1.43	1.62	-12%

2.35	Network Cost per Unit	Rs/kWh	2.40	2.21	8%		1.99	2.16	-8%
2.36	Retail Supply Cost per Unit	Rs/kWh	0.08	0.08	2%		0.07	0.08	-13%
2.37	ACS	Rs/kWh	7.35	6.58	12%		6.95	6.79	2%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	2.81	1.25	125%		2.08	1.31	59%
<b>AT&amp;C Losses</b>									
2.39	Collection $\eta$	%	134%	71%	89%		99%	76%	30%
2.40	Units Realized	MU	6016	3024	99%		43878	29987	46%
2.41	Units Unrealized	MU	-1180	1567	-175%		4015	12389	-68%
2.42	AT&C Losses	%	-24%	34%	-172%		8%	29%	-71%
<b>ARR-ACS GAP</b>									
2.43	GAP	Rs/kWh	3.06	-1.62	-289%		-0.20	-1.46	-86%

### 3. Sales by Categories

#### 3.1 Energy Sales by Category (MU)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	322 (8%)	289 (7%)	11%	2765 (6%)	2678 (7%)	3%
3.1.2	LT-1B	657 (16%)	615 (14%)	7%	7392 (16%)	7002 (18%)	6%
3.1.3	LT-1C	180 (4%)	240 (6%)	-25%	3715 (8%)	3567 (9%)	4%
3.1.4	LT-1	1159 (28%)	1145 (26%)	1%	13873 (31%)	13247 (33%)	5%
3.1.5	LT-2	233 (6%)	207 (5%)	13%	2259 (5%)	1827 (5%)	24%
3.1.6	LT-3	109 (3%)	110 (3%)	-1%	1130 (3%)	963 (2%)	17%
3.1.7	LT-4	111 (3%)	103 (2%)	8%	1048 (2%)	951 (2%)	10%
3.1.8	LT-5	671 (16%)	1007 (23%)	-33%	10021 (22%)	9837 (25%)	2%
3.1.9	LT-5 A (ii)	394 (9%)	738 (17%)	-47%	7009 (16%)	7336 (18%)	-4%
3.1.10	LT-5 excluding A(ii)	277 (7%)	269 (6%)	3%	3011 (7%)	2500 (6%)	20%
3.1.11	LT	2283 (54%)	2572 (59%)	-11%	28331 (63%)	26824 (67%)	6%
3.1.12	HT-1	3 (0%)	4 (0%)	-23%	49 (0%)	48 (0%)	2%
3.1.13	HT-2	123 (3%)	101 (2%)	21%	1137 (3%)	873 (2%)	30%
3.1.14	HT-3	1467 (35%)	1268 (29%)	16%	12712 (28%)	9305 (23%)	37%
3.1.15	HT-4	192 (5%)	140 (3%)	38%	1678 (4%)	1029 (3%)	63%
3.1.16	HT-5	129 (3%)	221 (5%)	-42%	891 (2%)	1328 (3%)	-33%
3.1.17	Rescos	15 (0%)	53 (1%)	-72%	331 (1%)	590 (1%)	-44%
3.1.18	HT	1929 (46%)	1787 (41%)	8%	16799 (37%)	13174 (33%)	28%
3.1.19	Discom Sales	4212	4359	-3%	45130	39998	13%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	2283	2572	-11%	28304	26824	6%
3.2.2	11KV	423	456	-7%	4066	3774	8%
3.2.3	33KV	516	413	25%	4768	3601	32%
3.2.4	EHT	990	919	8%	7992	5798	38%
3.1.19	Discom Sales	4212	4359	-3%	45131	39998	13%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	63 (1%)	92 (4%)	-32%	860 (3%)	743 (3%)	16%
3.3.2	LT-1B	185 (4%)	212 (10%)	-13%	2705 (9%)	2294 (11%)	18%
3.3.3	LT-1C	83 (2%)	125 (6%)	-34%	2229 (7%)	2033 (10%)	10%
3.3.4	LT-1	331 (8%)	430 (20%)	-23%	5794 (19%)	5070 (24%)	14%
3.3.5	LT-2	248 (6%)	238 (11%)	4%	2468 (8%)	2014 (9%)	23%
3.3.6	LT-3	100 (2%)	101 (5%)	-1%	953 (3%)	808 (4%)	18%
3.3.7	LT-4	58 (1%)	94 (4%)	-39%	1473 (5%)	438 (2%)	237%
3.3.8	LT-5	2131 (49%)	101 (5%)	2001%	7770 (26%)	4066 (19%)	91%
3.3.9	LT-5 A (ii)	1706 (39%)	7 (0%)	25553%	6566 (22%)	2892 (14%)	127%
3.3.10	LT-5 excluding A(ii)	425 (10%)	95 (4%)	348%	1204 (4%)	1174 (6%)	3%
3.3.11	LT	2867 (65%)	964 (45%)	197%	18458 (61%)	12395 (58%)	49%
3.3.12	HT-1	4 (0%)	4 (0%)	3%	40 (0%)	35 (0%)	15%
3.3.13	HT-2	142 (3%)	130 (6%)	9%	1296 (4%)	1017 (5%)	27%
3.3.14	HT-3	963 (22%)	927 (43%)	4%	9120 (30%)	6898 (32%)	32%
3.3.15	HT-4	157 (4%)	107 (5%)	47%	1201 (4%)	742 (3%)	62%
3.3.16	HT-5	251 (6%)	25 (1%)	917%	312 (1%)	194 (1%)	61%
3.3.17	Rescos	2 (0%)	5 (0%)	-56%	27 (0%)	40 (0%)	-31%
3.3.18	HT	1518 (35%)	1197 (55%)	27%	11997 (39%)	8927 (42%)	34%
3.3.19	Discom Collections	4385	2161	103%	30455	21322	43%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	78,72,547(43%)	68,92,381(40%)	14%	82,83,784(44%)	77,42,686(43%)	7%
3.4.2	LT-1B	58,44,848(32%)	59,07,313(34%)	-1%	66,03,886(35%)	64,13,581(35%)	3%
3.4.3	LT-1C	8,34,848(5%)	12,10,037(7%)	-31%	16,28,619(9%)	28,23,593(16%)	-42%
3.4.4	LT-1	1,45,52,243(80%)	1,40,09,731(81%)	4%	1,49,68,617(79%)	1,43,91,115(80%)	4%
3.4.5	LT-2	15,65,718(9%)	14,48,886(8%)	8%	16,34,346(9%)	15,28,573(8%)	7%
3.4.6	LT-3	81,666(0%)	78,099(0%)	5%	97,448(1%)	93,248(1%)	5%
3.4.7	LT-4	3,39,819(2%)	3,25,058(2%)	5%	3,50,677(2%)	3,31,113(2%)	6%
3.4.8	LT-5	15,71,099(9%)	14,80,251(9%)	6%	18,44,672(10%)	17,53,431(10%)	5%
3.4.9	LT-5 A (ii)	14,76,093(8%)	14,02,003(8%)	5%	17,44,178(9%)	16,68,285(9%)	5%
3.4.10	LT-5 excluding A(ii)	95,006(1%)	78,248(0%)	21%	1,01,788(1%)	93,039(1%)	9%
3.4.11	LT	1,81,10,545(100%)	1,73,42,025(100%)	4%	1,88,94,912(100%)	1,80,86,742(100%)	4%
3.4.12	HT-1	112(0%)	105(0%)	7%	112(0%)	105(0%)	7%
3.4.13	HT-2	4,469(0.02%)	4,159(0.02%)	7%	4,469(0.02%)	4,162(0.02%)	7%
3.4.14	HT-3	6,302(0.03%)	5,846(0.03%)	8%	6,341(0.03%)	5,907(0.03%)	7%
3.4.15	HT-4	688(0%)	606(0%)	14%	688(0%)	611(0%)	13%
3.4.16	HT-5	714(0%)	845(0%)	-16%	715(0%)	950(0.01%)	-25%
3.4.17	Rescos	1(0%)	81(0%)	-99%	82(0%)	81(0%)	1%
3.4.18	HT	12,286(0.07%)	11,642(0.07%)	6%	12,407(0.07%)	11,816(0.07%)	5%
3.4.19	Discom Bills	1,81,22,831	1,73,53,667	4%	1,89,07,319	1,80,98,558	4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	1.95	3.20	-39%	3.11	2.78	12%
3.5.2	LT-1B	2.82	3.45	-18%	3.66	3.28	12%
3.5.3	LT-1C	4.60	5.21	-12%	6.00	5.70	5%
3.5.4	LT-1	2.86	3.75	-24%	4.18	3.83	9%
3.5.5	LT-2	10.66	11.50	-7%	10.92	11.03	-1%
3.5.6	LT-3	9.14	9.19	0%	8.43	8.39	1%
3.5.7	LT-4	5.21	9.19	-43%	14.05	4.60	205%
3.5.8	LT-5	31.75	1.01	3053%	7.75	4.13	88%
3.5.9	LT-5 A (ii)	43.27	0.09	47894%	9.37	3.94	138%
3.5.10	LT-5 excluding A(ii)	15.34	3.52	336%	4.00	4.70	-15%
3.5.11	LT	12.56	3.75	235%	6.52	4.62	41%
3.5.12	HT-1	11.35	8.53	33%	8.21	7.28	13%
3.5.13	HT-2	11.54	12.84	-10%	11.40	11.66	-2%
3.5.14	HT-3	6.56	7.31	-10%	7.17	7.41	-3%
3.5.15	HT-4	8.14	7.63	7%	7.16	7.21	-1%
3.5.16	HT-5	19.46	1.12	1645%	3.50	1.46	140%
3.5.17	Rescos	1.39	0.89	56%	0.82	0.67	22%
3.5.18	HT	7.87	6.70	17%	7.14	6.78	5%
3.5.19	ARR	10.41	4.96	110%	6.75	5.33	27%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	41	42	-3%	37	38	-4%
3.6.2	LT-1B	112	104	8%	124	121	3%
3.6.3	LT-1C	215	199	8%	253	140	81%
3.6.4	LT-1	80	82	-3%	103	102	1%
3.6.5	LT-2	149	143	4%	154	133	16%

3.6.6	LT-3	1336	1412	-5%	1289	1147	12%
3.6.7	LT-4	327	315	4%	332	319	4%
3.6.8	LT-5	427	680	-37%	604	623	-3%
3.6.9	LT-5 A (ii)	267	526	-49%	447	489	-9%
3.6.10	LT-5 excluding A(ii)	2914	3443	-15%	3287	2986	10%
3.6.11	LT	126	148	-15%	167	165	1%
3.6.12	HT-1	29018	40095	-28%	48764	51071	-5%
3.6.13	HT-2	27465	24393	13%	28273	23295	21%
3.6.14	HT-3	232777	216839	7%	222747	175037	27%
3.6.15	HT-4	279477	230677	21%	271060	187159	45%
3.6.16	HT-5	180574	261680	-31%	138526	155346	-11%
3.6.17	Rescos	14850000	656173	2163%	448628	809603	-45%
3.6.18	HT	157009	153527	2%	150446	123880	21%
3.6.19	AMC	232	251	-7%	265	246	8%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	80	134	-41%	115	107	8%
3.7.2	LT-1B	317	359	-12%	455	397	15%
3.7.3	LT-1C	990	1034	-4%	1520	800	90%
3.7.4	LT-1	227	307	-26%	430	391	10%
3.7.5	LT-2	1584	1640	-3%	1678	1464	15%
3.7.6	LT-3	12221	12969	-6%	10867	9622	13%
3.7.7	LT-4	1704	2898	-41%	4668	1469	218%
3.7.8	LT-5	13561	685	1880%	4680	2576	82%
3.7.9	LT-5 A (ii)	11557	47	24265%	4183	1926	117%
3.7.10	LT-5 excluding A(ii)	44702	12108	269%	13145	14020	-6%
3.7.11	LT	1583	556	185%	1085	761	43%
3.7.12	HT-1	329464	341905	-4%	400295	371668	8%
3.7.13	HT-2	316939	313224	1%	322202	271625	19%
3.7.14	HT-3	1527721	1585888	-4%	1598014	1297584	23%
3.7.15	HT-4	2275581	1759736	29%	1940368	1349693	44%
3.7.16	HT-5	3513165	291834	1104%	484862	226689	114%
3.7.17	Rescos	20600000	583951	3428%	369938	546470	-32%
3.7.18	HT	1235195	1028174	20%	1074373	839425	28%
3.7.19	ACPB	2419	1245	94%	1790	1309	37%

## 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	1677 (34%)	1235 (26%)	36%	2553 (46%)	-34%	15445 (30%)	9912 (23%)	56%	22688 (45%)	-32%
4.1.2	State Hydel	253 (5%)	235 (5%)	8%	213 (4%)	19%	2958 (6%)	2961 (7%)	0%	2353 (5%)	26%
4.1.3	CGS	1095 (22%)	952 (20%)	15%	1203 (22%)	-9%	9250 (18%)	9056 (21%)	2%	9936 (20%)	-7%
4.1.4	Gas	43 (1%)	135 (3%)	-68%	97 (2%)	-56%	924 (2%)	1768 (4%)	-48%	737 (1%)	25%
4.1.5	IPPs	147 (3%)	164 (4%)	-10%	137 (2%)	7%	1313 (3%)	3019 (7%)	-57%	1194 (2%)	10%
4.1.6	VRE-Wind	350 (7%)	377 (8%)	-7%	477 (9%)	-27%	7201 (14%)	5049 (12%)	43%	6191 (12%)	16%
4.1.7	VRE-Solar	465 (9%)	492 (10%)	-5%	638 (12%)	-27%	5185 (10%)	4502 (10%)	15%	5795 (12%)	-11%
4.1.8	RE-Others	29 (1%)	35 (1%)	-18%	64 (1%)	-55%	181 (0%)	233 (1%)	-22%	310 (1%)	-42%
4.1.9	Markets	847 (17%)	1077 (23%)	-21%	149 (3%)	469%	8422 (17%)	6751 (16%)	25%	913 (2%)	823%
4.1.10	Others	3 (0%)	-9 (0%)	-	0 (0%)	-	138 (0%)	-4 (0%)	-	0 (0%)	-
4.1.11	Discom Purchases	4910	4694	5%	5530	-11%	51016	43247	18%	50117	2%
				138%					3504%		

### 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	841 (41%)	561 (30%)	50%	1224 (56%)	-31%	7541 (34%)	5378 (30%)	40%	10803 (56%)	-30%
4.2.2	State Hydel	51 (2%)	50 (3%)	2%	51 (2%)	0%	461 (2%)	451 (2%)	2%	461 (2%)	0%
4.2.3	CGS	464 (23%)	392 (21%)	18%	480 (22%)	-3%	3596 (16%)	3814 (21%)	-6%	4032 (21%)	-11%
4.2.4	Gas	13 (1%)	34 (2%)	-62%	23 (1%)	-43%	235 (1%)	478 (3%)	-51%	177 (1%)	33%
4.2.5	IPPs	56 (3%)	66 (4%)	-16%	55 (3%)	1%	514 (2%)	1222 (7%)	-58%	488 (3%)	5%
4.2.6	VRE-Wind	91 (4%)	178 (10%)	-49%	116 (5%)	-21%	3102 (14%)	2380 (13%)	30%	1504 (8%)	106%
4.2.7	VRE-Solar	157 (8%)	220 (12%)	-28%	160 (7%)	-2%	2174 (10%)	2036 (11%)	7%	1453 (7%)	50%
4.2.8	RE-Others	9 (0%)	15 (1%)	-38%	33 (1%)	-71%	85 (0%)	106 (1%)	-20%	159 (1%)	-46%
4.2.9	Markets	368 (18%)	352 (19%)	5%	55 (3%)	566%	4249 (19%)	2287 (13%)	86%	340 (2%)	1150%
4.2.10	Others	0 (0%)	0 (0%)	-48%	0 (0%)	-	116 (1%)	39 (0%)	195%	0 (0%)	-
4.2.11	Power Purchase Cost	2051	1868	10%	2197	-7%	22073	18192	21%	19419	14%

### 4.3 Fixed Cost by Source (Rs Cr)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.3.1	State Thermal	260	206	26%	352	-26%	2376	2235	6%	3166	-25%
4.3.2	State Hydel	51	50	2%	51	0%	461	451	2%	461	0%
4.3.3	CGS	117	111	5%	125	-7%	1080	1032	5%	1127	-4%
4.3.4	Gas	1	3	-66%	2	-39%	15	33	-54%	15	1%
4.3.5	IPPs	23	28	-16%	23	1%	218	326	-33%	210	4%
4.3.6	Fixed Cost	452	398	14%	553	-18%	4150	4077	2%	4978	-17%

#### 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	582	356	63%	873	-33%	5165	3142	64%	7637	-32%
4.4.2	CGS	347	281	24%	355	-2%	2516	2781	-10%	2906	-13%
4.4.3	Gas	12	31	-61%	21	-44%	220	446	-51%	162	36%
4.4.4	IPPs	32	38	-15%	32	1%	296	897	-67%	278	6%
4.4.5	VRE-Wind	91	178	-49%	116	-21%	3102	2380	30%	1504	106%
4.4.6	VRE-Solar	157	220	-28%	160	-2%	2174	2036	7%	1453	50%
4.4.7	RE-Others	9	15	-38%	33	-71%	85	106	-20%	159	-47%
4.4.8	Markets	368	352	5%	55	566%	4249	2287	86%	340	1150%
4.4.9	Variable Cost	1599	1471	9%	1644	-3%	17807	14075	27%	14441	23%

#### 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	5.02	4.55	10%	4.80	5%	4.88	5.43	-10%	4.76	3%
4.5.2	State Hydel	2.02	2.13	-5%	2.40	-16%	1.56	1.52	2%	1.96	-20%
4.5.3	CGS	4.24	4.11	3%	3.99	6%	3.89	4.21	-8%	4.06	-4%
4.5.4	Gas	3.02	2.52	20%	2.37	27%	2.54	2.71	-6%	2.40	6%
4.5.5	IPPs	3.79	4.03	-6%	4.03	-6%	3.91	4.05	-3%	4.09	-4%
4.5.6	VRE-Wind	2.60	4.72	-45%	2.43	7%	4.31	4.71	-9%	2.43	77%
4.5.7	VRE-Solar	3.39	4.46	-24%	2.51	35%	4.19	4.52	-7%	2.51	67%
4.5.8	RE-Others	3.27	4.34	-25%	5.14	-36%	4.72	4.56	4%	5.14	-8%
4.5.9	Markets	4.35	3.27	33%	3.72	17%	5.05	3.39	49%	3.72	35%
4.5.10	Others	-0.51	0.38	-236%	0.00	-	8.42	-97.33	-109%	0.00	-
4.5.11	Weighted Average	4.18	3.98	5%	3.97	5%	4.33	4.21	3%	3.87	12%

#### 4.6 Fixed Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.6.1	State Thermal	1.55	1.66	-7%	1.38	12%	1.54	2.26	-32%	1.40	10%
4.6.2	State Hydel	2.02	2.13	-5%	2.40	-16%	1.56	1.52	2%	1.96	-20%
4.6.3	CGS	1.07	1.17	-8%	1.04	3%	1.17	1.14	2%	1.13	3%
4.6.4	Gas	0.24	0.22	5%	0.17	38%	0.16	0.18	-11%	0.20	-19%
4.6.5	IPPs	1.59	1.70	-6%	1.70	-6%	1.66	1.08	54%	1.76	-6%
4.6.6	Average FC	0.92	0.85	9%	1.00	-8%	0.84	0.95	-12%	0.99	-16%

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

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.7.1	State Thermal	3.47	2.88	20%	3.42	1%	3.34	3.17	5%	3.37	-1%
4.7.2	CGS	3.17	2.95	8%	2.95	8%	2.72	3.07	-11%	2.92	-7%
4.7.3	Gas	2.79	2.30	21%	2.20	27%	2.38	2.52	-6%	2.20	8%
4.7.4	IPPs	2.20	2.33	-6%	2.33	-6%	2.25	2.97	-24%	2.33	-3%
4.7.5	VRE-Wind	2.60	4.72	-45%	2.43	7%	4.31	4.71	-9%	2.43	77%
4.7.6	VRE-Solar	3.39	4.46	-24%	2.51	35%	4.19	4.52	-7%	2.51	67%
4.7.7	RE-Others	3.27	4.34	-25%	5.14	-36%	4.72	4.56	4%	5.14	-8%
4.7.8	Markets	4.35	3.27	33%	3.72	17%	5.05	3.39	49%	3.72	35%
4.7.9	Average VC	3.26	3.13	4%	2.97	10%	3.49	3.25	7%	2.88	21%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1112	1102	1%	13843	12200	13%
4.8.2	11KV	206	195	5%	1989	1717	16%
4.8.3	33KV	251	177	42%	2332	1638	42%
4.8.4	EHT	482	394	22%	3909	2637	48%
4.2.11	Power Purchase Cost	2051	1868	10%	22073	18192	21%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	548	570	-4%	5628	5788	-3%
4.9.2	11KV	102	101	1%	809	814	-1%
4.9.3	33KV	124	91	35%	948	777	22%
4.9.4	EHT	237	203	17%	1589	1251	27%
2.19	Network Cost	1011	965	5%	8974	8631	4%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	18	20	-10%	199	216	-8%
4.10.2	11KV	3	3	-6%	29	30	-6%
4.10.3	33KV	4	3	27%	34	29	16%
4.10.4	EHT	8	7	9%	56	47	21%
2.22	Retail Supply Cost	33	33	-2%	318	322	-1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	1677	1691	-1%	19671	18205	8%
4.11.2	11KV	311	300	4%	2826	2562	10%
4.11.3	33KV	379	271	40%	3314	2444	36%
4.11.4	EHT	727	604	20%	5555	3935	41%
2.23	Cost of Service	3094	2867	8%	31365	27145	16%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	128	57	1%	937	807	1%
4.12.2	11KV	79	112	10%	1098	1002	10%
4.12.3	33KV	124	93	36%	1526	1208	36%
4.12.4	EHT	129	207	-8%	1391	1664	-8%
4.12.5	Loss	461	469	9%	4952	4682	9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	1749	1733	1%	20215	18597	9%
4.13.2	11KV	307	301	2%	2811	2540	11%
4.13.3	33KV	364	263	39%	3191	2349	36%
4.13.4	EHT	674	570	18%	5148	3659	41%
2.23	Cost of Service	3094	2867	8%	31365	27145	16%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.7	6.7	14%	7.1	6.9	3%
4.14.2	11KV	7.3	6.6	10%	6.9	6.7	3%
4.14.3	33KV	7.1	6.4	11%	6.7	6.5	3%
4.14.4	EHT	6.8	6.2	10%	6.4	6.3	2%
2.37	ACS	7.3	6.6	12%	6.9	6.8	2%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>2267</b>	<b>2268</b>	<b>2229</b>	<b>2234</b>	<b>8998</b>
5.1.2	Agriculture Subsidy	1824	1824	1824	1824	7297
5.1.3	Aquaculture Subsidy	256	231	206	212	905
5.1.4	SC Colonies Subsidy	125	146	132	133	536
5.1.5	ST Thandas Subsidy	25	30	29	26	111
5.1.6	Other Subsidy	36	37	38	39	149
5.1.7	<b>Govt Agencies</b>	<b>1139</b>	<b>1397</b>	<b>1621</b>	<b>1121</b>	<b>5278</b>
5.1.8	Panchayats	328	370	432	323	1453
5.1.9	WR Dept	334	455	600	304	1693
5.1.10	ULB	139	171	179	125	613
5.1.11	Other Govt Dept	338	402	410	369	1519
5.1.12	<b>Govt serviced debt</b>	<b>361</b>	<b>541</b>	<b>611</b>	<b>15</b>	<b>1528</b>
5.1.13	<b>UDAY Receivables</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>32</b>
5.1.14	<b>Private Customers Receivables</b>	<b>6758</b>	<b>7027</b>	<b>6364</b>	<b>6253</b>	<b>26403</b>
5.1.15	<b>Total</b>	<b>10525</b>	<b>11265</b>	<b>10825</b>	<b>9623</b>	<b>42238</b>
5.1.16	<b>Opex Loans</b>	<b>4819</b>	<b>1246</b>	<b>1167</b>	<b>0</b>	<b>7233</b>
5.1.17	<b>Capex Loans</b>	<b>170</b>	<b>69</b>	<b>60</b>	<b>0</b>	<b>299</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>737</b>	<b>716</b>	<b>2076</b>	<b>0</b>	<b>-1360</b>	-	<b>182%</b>
5.2.2	Agriculture Subsidy	609	609	1700	0	-1091	-	179%
5.2.3	Aquaculture Subsidy	77	70	376	0	-306	-	388%
5.2.4	SC Colonies Subsidy	42	29	0	0	29	-	-100%
5.2.5	ST Thandas Subsidy	8	7	0	0	7	-	-100%
5.2.6	Other Subsidy	1	1	0	0	1	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>366</b>	<b>489</b>	<b>463</b>	<b>221</b>	<b>26</b>	<b>110%</b>	<b>27%</b>
5.2.8	Panchayats	103	154	40	33	114	21%	-61%
5.2.9	WR Dept	97	151	249	7	-98	3457%	157%
5.2.10	ULB	41	51	69	88	-18	-22%	68%
5.2.11	Other Govt Dept	125	133	105	93	28	13%	-16%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>347</b>	<b>160</b>	<b>66</b>	<b>187</b>	<b>142%</b>	-
5.2.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	-	-
5.2.14	<b>Private Customers Receivables</b>	<b>2245</b>	<b>1929</b>	<b>1855</b>	<b>1941</b>	<b>74</b>	<b>-4%</b>	<b>-17%</b>
5.2.15	<b>Total</b>	<b>3348</b>	<b>3481</b>	<b>4554</b>	<b>2228</b>	<b>-1073</b>	<b>104%</b>	<b>36%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>198</b>	<b>198</b>	<b>929</b>	<b>0</b>	<b>-79%</b>	-
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	-	-

### 5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	DEMAND	COLLECTIONS		CB	OD > 180 DAYS	% ↑	% Δ ERC
					CY	PY				
5.3.1	<b>Subsidy</b>	<b>14034</b>	<b>6625</b>	<b>6662</b>	<b>7198</b>	<b>3178</b>	<b>13499</b>	<b>6079</b>	<b>126%</b>	<b>9%</b>
5.3.2	Agriculture Subsidy	12127	5474	5474	6525	2846	11075	4787	129%	19%
5.3.3	Aquaculture Subsidy	1176	694	721	460	332	1437	763	39%	-34%
5.3.4	SC Colonies Subsidy	552	375	382	213	0	721	379	-	-43%
5.3.5	ST Thandas Subsidy	167	70	80	0	0	247	139	-	-100%
5.3.6	Other Subsidy	12	11	6	0	0	18	11	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>8109</b>	<b>3285</b>	<b>3794</b>	<b>2808</b>	<b>1295</b>	<b>9095</b>	<b>6452</b>	<b>117%</b>	<b>-15%</b>
5.3.8	Panchayats	3710	925	1077	1228	173	3560	3056	609%	33%
5.3.9	WR Dept	3728	874	1224	285	43	4668	2868	568%	-67%

5.3.10	ULB	441	371	465	342	300	564	336	14%	-8%
5.3.11	Other Govt Dept	229	1116	1027	953	779	303	192	22%	-15%
5.3.12	<b>Govt serviced debt</b>	220	0	1569	1035	454	754	0	128%	-
5.3.13	<b>UDAY Receivables</b>	3475	0	32	0	0	3507	3444	-	-
5.3.14	<b>Private Customers Receivables</b>	3059	20128	20715	20460	16850	3314	2612	21%	2%
5.3.15	<b>Total</b>	<b>28897</b>	<b>30038</b>	<b>32772</b>	<b>31500</b>	<b>21777</b>	<b>30169</b>	<b>18586</b>	<b>45%</b>	<b>5%</b>
5.3.16	<b>Opex Loans</b>	0	0	7233	8085	3020	-852	0	168%	-
5.3.17	<b>Capex Loans</b>	0	0	299	250	238	49	0	5%	-

## 6. Payables

### 6.1 Expenditure for FY22 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	<b>PP Cost</b>	<b>9101</b>	<b>7524</b>	<b>6651</b>	<b>6849</b>	<b>30125</b>
6.1.2	State Thermal	2765	2519	2695	3938	11918
6.1.3	State Hydel	221	154	153	154	681
6.1.4	CGS	1406	1183	1416	1427	5431
6.1.5	IPPs Gas	131	84	53	67	335
6.1.6	IPPs Thermal	217	173	163	166	718
6.1.7	VRE- Wind	1130	1403	552	330	3415
6.1.8	VRE- Solar	1208	726	390	529	2853
6.1.9	RE-Others	38	26	44	88	195
6.1.10	Market	1936	1217	1167	150	4470
6.1.11	Other	50	41	18	0	109
6.1.12	Wind @ interim rate	399	602	423	330	1754
6.1.13	Solar @ interim rate	325	280	295	529	1429
6.1.14	<b>CTU Cost</b>	<b>175</b>	<b>242</b>	<b>266</b>	<b>374</b>	<b>1056</b>
6.1.15	<b>STU Cost</b>	<b>614</b>	<b>602</b>	<b>600</b>	<b>600</b>	<b>2416</b>
6.1.16	<b>Distribution Cost</b>	<b>1901</b>	<b>1661</b>	<b>2202</b>	<b>1872</b>	<b>7635</b>
6.1.17	O&M Cost	1368	1263	1619	1444	5694
6.1.18	HR Cost	1127	1099	1400	1189	4815
6.1.19	A&G Cost	79	69	73	94	315
6.1.20	R&M Cost	162	95	145	161	563
6.1.21	Depreciation	343	339	382	354	1418
6.1.22	ROCE	304	324	353	390	1371
6.1.23	Others	189	59	201	75	524
6.1.24	<b>Cost of Service</b>	<b>11790</b>	<b>10029</b>	<b>9718</b>	<b>9696</b>	<b>41233</b>
7.1.1	Capex Debt service (P+I)	392	378	429	402	1600
7.1.2	Opex Debt service (P+I)	3267	3290	3359	1522	11439

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

#	Item	ERC-BE	EXPENDITURE	PAID		BALANCE	% ↑	% δ ERC
				CY	PY			
6.2.1	<b>PP Cost</b>	<b>2200</b>	<b>2051</b>	<b>3626</b>	<b>2050</b>	<b>-1575</b>	<b>77%</b>	<b>65%</b>
6.2.2	State Thermal	1224	841	2132	1423	-1291	50%	74%
6.2.3	State Hydel	52	51	52	52	-1	0%	0%
6.2.4	CGS	478	464	510	0	-46	-	7%
6.2.5	IPPs Gas	22	13	21	69	-8	-70%	-5%
6.2.6	IPPs Thermal	55	56	69	63	-13	10%	25%
6.2.7	VRE- Wind	116	91	393	48	-302	719%	239%
6.2.8	VRE- Solar	160	157	67	52	90	29%	-58%
6.2.9	RE-Others	25	9	20	0	-11	-	-20%
6.2.10	Market	68	368	362	343	6	6%	432%
6.2.11	Other	0	0	0	0	0	-	0%
6.2.12	Wind @ interim rate	116	72	0	0	72	-	-100%
6.2.13	Solar @ interim rate	160	53	0	0	53	-	-100%
6.2.14	<b>CTU Cost</b>	<b>108</b>	<b>77</b>	<b>56</b>	<b>183</b>	<b>21</b>	<b>-69%</b>	<b>-48%</b>
6.2.15	<b>STU Cost</b>	<b>182</b>	<b>202</b>	<b>165</b>	<b>145</b>	<b>37</b>	<b>14%</b>	<b>-9%</b>
6.2.16	<b>Distribution Cost</b>	<b>762</b>	<b>765</b>	<b>509</b>	<b>528</b>	<b>0</b>	<b>-4%</b>	<b>-33%</b>
6.2.17	O&M Cost	495	446	446	484	0	-8%	-10%
6.2.18	HR Cost	407	372	372	393	0	-5%	-9%
6.2.19	A&G Cost	28	20	20	25	0	-20%	-29%
6.2.20	R&M Cost	60	54	54	66	0	-18%	-10%
6.2.21	Depreciation	109	132	0	0	0	-	-100%
6.2.22	ROCE	130	124	0	0	0	-	-100%

6.2.23	Others	28	63	63	44	0	43%	124%
6.2.24	<b>Cost of Service</b>	<b>3252</b>	<b>3095</b>	<b>4356</b>	<b>2906</b>	<b>-1517</b>	<b>50%</b>	<b>34%</b>
7.2.1	Capex Debt service (P+I)	143	125	125	118	0	6%	-13%
7.2.2	Opex Debt service (P+I)	0	1429	1184	545	245	117%	0%

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	EXPENDITURE	PAID		CB	OD > 180 DAYS	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	<b>13327</b>	<b>19395</b>	<b>22079</b>	<b>26397</b>	<b>20283</b>	<b>9009</b>	<b>3243</b>	<b>30%</b>	<b>36%</b>
6.3.2	State Thermal	4748	10861	7541	12098	7356	192	672	64%	11%
6.3.3	State Hydel	130	462	462	492	489	99	130	1%	7%
6.3.4	CGS	2137	4033	3746	6078	6942	-194	62	-12%	51%
6.3.5	IPPs Gas	93	177	235	284	605	44	47	-53%	61%
6.3.6	IPPs Thermal	661	487	514	620	1415	556	355	-56%	27%
6.3.7	VRE- Wind	3847	1505	3102	1401	496	5548	1465	182%	-7%
6.3.8	VRE- Solar	1640	1453	2023	359	231	3304	512	55%	-75%
6.3.9	RE-Others	99	148	86	195	118	-10	0	65%	32%
6.3.10	Market	-29	269	4248	3703	2335	517	0	59%	1275%
6.3.11	Other	0	0	121	1167	295	-1046	0	296%	-
6.3.12	Wind @ interim rate	251	1505	1501	946	448	807	0	111%	-37%
6.3.13	Solar @ interim rate	108	1453	1024	298	179	835	0	66%	-80%
6.3.14	<b>CTU Cost</b>	<b>127</b>	<b>1078</b>	<b>593</b>	<b>806</b>	<b>749</b>	<b>-86</b>	<b>5</b>	<b>8%</b>	<b>-25%</b>
6.3.15	<b>STU Cost</b>	<b>1642</b>	<b>1787</b>	<b>1790</b>	<b>1507</b>	<b>966</b>	<b>1925</b>	<b>282</b>	<b>56%</b>	<b>-16%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>6980</b>	<b>6899</b>	<b>4852</b>	<b>4663</b>	<b>0</b>	<b>0</b>	<b>4%</b>	<b>-30%</b>
6.3.17	O&M Cost	0	4377	4299	4299	4229	0	0	2%	-2%
6.3.18	HR Cost	0	3565	3646	3646	3549	0	0	3%	2%
6.3.19	A&G Cost	0	258	205	205	234	0	0	-12%	-21%
6.3.20	R&M Cost	0	553	448	448	446	0	0	0%	-19%
6.3.21	Depreciation	0	996	1020	0	0	0	0	-	-100%
6.3.22	ROCE	0	1192	1027	0	0	0	0	-	-100%
6.3.23	Others	0	415	553	553	434	0	0	27%	33%
6.3.24	<b>Cost of Service</b>	<b>15096</b>	<b>29239</b>	<b>31360</b>	<b>33561</b>	<b>26662</b>	<b>10848</b>	<b>3530</b>	<b>26%</b>	<b>15%</b>
7.3.1	Capex Debt service (P+I)	0	1299	1092	1092	472	0	0	132%	-16%
7.3.2	Opex Debt service (P+I)	0	0	8587	9384	5242	-797	0	79%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	392	378	429	402	1600
7.1.2	ERC disallowable-Opex Debt	3267	3290	3359	1522	11439
7.1.3	<b>Debt Servicing</b>	3659	3668	3788	1924	13039

### 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	143	125	125	118	0	6%	-13%
7.2.2	ERC disallowable-Opex Debt	0	1429	1184	545	245	117%	0%
7.2.3	<b>Debt Servicing</b>	143	1554	1309	663	245	97%	815%

### 7.3 Debt Servicing YTD (Rs Cr)

#	Item	OB – OD	ERC-BE	DUE	PAID		CB – OD	OD > 180 DAYS	% ↑	% δ ERC
					CY	PY				
7.3.1	ERC allowed-Capex Debt	0	1299	1092	1092	472	0	0	132%	-16%
7.3.2	ERC disallowable-Opex Debt	0	0	8587	9384	5242	-797	0	79%	0%
7.3.3	<b>Debt Servicing</b>	0	1299	9679	10476	5714	-797	0	83%	706%

### 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	5111	5092	0%	5831	3903	49%	10942	8995	22%
7.4.2	PFC	476	480	-1%	5194	4665	11%	5670	5144	10%
7.4.3	APPFCL	0	0	-	11667	9295	26%	11667	9295	26%
7.4.4	BANKS	1566	1720	-9%	1411	1218	16%	2977	2938	1%
7.4.5	IREDA	0	0	-	874	1388	-37%	874	1388	-37%
7.4.6	ICD	0	0	-	840	663	27%	840	663	27%
7.4.7	PTC	0	0	-	118	164	-28%	118	164	-28%
7.4.8	GOAP	9	0	-	0	0	-	9	0	-
7.4.9	OTHERS	690	690	0%	3993	5631	-29%	4683	6321	-26%
7.4.10	<b>Debt Outstanding</b>	<b>7852</b>	<b>7981</b>	<b>-2%</b>	<b>29928</b>	<b>26926</b>	<b>11%</b>	<b>37780</b>	<b>34907</b>	<b>8%</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>6</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 Year
CY	Current Year
Tariff Categories	
LT-1A	LT Domestic Consumers with consumption < 75units in the month
LT-1B	LT Domestic Consumers with consumption > 75 units and <225 units in the month
LT-1C	LT Domestic Consumers with consumption > 225units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)
LT-3	Industrial (LT)
LT-4	Institutional (LT)
LT-5	Agriculture (LT)
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)
HT-2	Commercial (HT)
HT-3	Industrial (HT)
HT-4	Institutional (HT)
HT-5	Agriculture (HT)
Rescos	Rural Electric Supply Cooperative Societies
Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)

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

## Glossary

### 1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.9	Agl Consumption	Refer 3.1.9
3.1.19	Discom Sales	<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	Agl 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

Note:

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

### 2. Purchases

Power Purchase		
3.1.19	Discom Sales	<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
4.12.4	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	$\frac{\text{Distribution Network Cost (Rs Cr)*100}}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} (Rs \text{ Lacs/MW/Month})$
<b>Network Cost (Rs Cr)</b>		
2.09	STU Cost	a=Expenditure for using State Transmission Network for Transmission of Power
2.10	CTU Cost	b=Expenditure for using Central Transmission Network for Transmission of Power
2.11	Distribution Network Cost	c=Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.12	O&M Cost	d=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
2.19	Network Cost	CTU Cost + STU Cost + Distribution Cost
<b>Retail Supply Cost (Rs Cr)</b>		
2.20	B&C Cost and Supply Margin	k=Billing and Collection Cost and Supply Gain Margin
2.21	Interest on Security Deposits	l=interest on security deposit collected from the consumers
2.22	Retail Supply Cost	k+l
<b>Cost of Service (Rs Cr)</b>		
2.23	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
2.24	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} (Rs /kWh)$
2.25	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} (Rs /kWh)$
2.26	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{CGS Purchases by Discom(MU)}} (Rs /kWh)$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} (Rs /kWh)$
2.28	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} (Rs /kWh)$
2.29	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} (Rs /kWh)$
2.30	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)*10}}{\text{Discom Purchase(MU)}} (Rs /kWh)$
<b>KPIs on Sales basis</b>		
2.31	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.32	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.33	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.34	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.35	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.36	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.37	ACS	$\frac{\text{Cost of Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
2.38	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} (Rs /kWh)$
<b>AT&amp;C Losses</b>		
2.39	Collection $\eta$	$J=(F+G-I)/E*100$
2.40	Units Realized	$K=D*J/100$
2.41	Units Unrealized	$L=C-K$
2.42	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} =L/(\text{Discom Input}) *100$
<b>ACS-ARR GAP</b>		
2.43	GAP	=ARR- ACS

Note:

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

### 3. Sales by Categories

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

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

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

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

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

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

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

### 4. Expenditure by Category

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

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

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

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

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

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

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

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

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

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

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

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

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

Note:

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

## 5. Receivables

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

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

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

- Receivables are obtained from APPCC

## 6. Payables

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

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

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

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

## 7. Debt Servicing

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

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

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

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

- Debt servicing data is obtained from APPCC