

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators August- 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	4238 (87%)	3611 (87%)	17%	21211 (83%)	17541 (79%)	21%
3.1.9	Agl Consumption	MU	637 (13%)	539 (13%)	18%	4242 (17%)	4693 (21%)	-10%
3.1.19	Discom Sales	MU	4875	4150	17%	25453	22234	14%
1.02	Private Sales	MU	3752 (77%)	3267 (79%)	15%	17851 (70%)	14576 (66%)	22%
1.03	Government Sales	MU	514 (11%)	366 (9%)	40%	2171 (9%)	1753 (8%)	24%
1.04	Government Subsidy	MU	609 (12%)	517 (12%)	18%	5431 (21%)	5905 (27%)	-8%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	13195	10676	24%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	2192	1963	12%	11203	9092	23%
5.2.7	Gov Sales	Rs Cr	117	112	5%	598	619	-3%
5.2.1	Gov Subsidy	Rs Cr	1513	0	-	3471	0	-
1.06	Others	Rs Cr	0	0	-	0	0	-
3.3.19	Discom Collections	Rs Cr	3823	2075	84%	15271	9711	57%
1.07	Metered Sales	Rs Cr	2305	2070	11%	11848	9686	22%
3.3.10	Agl Consumption	Rs Cr	1517	6	26658%	3422	23	14593%
1.08	Revenue from Sale	Rs Cr	3609	3046	18%	17750	15209	17%
1.09	Adj Revenue from Sale	Rs Cr	4313	2349	84%	17819	12783	39%
1.10	Closing Debtors	Rs Cr	13189	10420	27%	13189	10420	27%
1.11	Adj Closing Debtors	Rs Cr	13189	10420	27%	13189	10420	27%
<b>KPIs</b>								
3.5.19	ARR	Rs/kWh	7.84	5.00	57%	6.00	4.37	37%
3.6.19	AMC	kWh/bill/Mth	275	242	14%	274	248	11%
3.7.19	ACPB	Rs/bill/Mth	2158	1210	78%	1646	1083	52%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.19	Discom Sales	MU	4875 (77%)	4150 (87%)	17%	25453 (89%)	22234 (91%)	14%
2.01	Discom Losses	MU	429 (7%)	331 (7%)	30%	2105 (7%)	1747 (7%)	21%
2.02	Discom Input	MU	5305 (84%)	4480 (93%)	18%	27558 (96%)	23980 (99%)	15%
2.03	Transmission Loss	MU	173 (3%)	169 (4%)	2%	818 (3%)	963 (4%)	-15%
4.1.11	Discom Purchases	MU	6312	4797	32%	28662	24340	18%
4.2.11	Power Purchase Cost	Rs. Cr	2645 (73%)	2098 (66%)	26%	12211 (71%)	10676 (69%)	14%
<b>Contracted Network Capacity (MW)</b>								
2.04	STU	MW	12843	11909	8%	12843	11909	8%
2.05	CTU	MW	1745	2181	-20%	1745	2219	-21%
2.06	Distribution	MW	11334	10365	9%	11334	10365	9%
<b>Capacity Charges</b>								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.6	1.2	33%	1.6	1.2	27%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.1	3.9	-21%	3.5	3.4	2%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	5.9	7.6	-22%	6.1	6.8	-11%
<b>Network Cost (Rs. Cr)</b>								
2.10	STU Cost	Rs Cr	203 (6%)	148 (5%)	37%	1020 (6%)	740 (5%)	38%
2.11	CTU Cost	Rs Cr	54 (1%)	84 (3%)	-36%	366 (2%)	381 (2%)	-4%
2.12	Distribution Network Cost	Rs Cr	664 (18%)	785 (25%)	-15%	3453 (20%)	3531 (23%)	-2%
2.13	O&M Cost	Rs Cr	420	570	-26%	2223	2433	-9%
2.14	HR Cost	Rs Cr	360	505	-29%	1880	2078	-10%
2.15	A&G Cost	Rs Cr	13	13	0%	87	116	-25%
2.16	R & M Cost	Rs Cr	47	51	-9%	256	239	7%
2.17	Depreciation	Rs Cr	112	107	5%	557	549	1%
2.18	ROCE	Rs Cr	112	71	58%	559	342	64%
2.19	Others	Rs Cr	20	38	-47%	114	207	-45%
2.20	Network Cost	Rs Cr	921 (26%)	1017 (32%)	-9%	4838 (28%)	4653 (30%)	4%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.21	B&C Cost and Supply Margin	Rs Cr	25	27	-6%	92	86	7%
2.22	Interest on Security Deposits	Rs Cr	18	18	1%	91	83	10%
2.23	Retail Supply Cost	Rs Cr	43 (1%)	44 (1%)	-3%	183 (1%)	169 (1%)	9%
<b>Cost of Service (Rs. Cr)</b>								
2.24	Cost of Service	Rs Cr	3609	3160	14%	17232	15498	11%
7.2.2	ERC Disallowed Debt	Rs Cr	1554	0	-	4892	0	-
<b>KPIs on Purchase basis</b>								
2.25	Energy Cost on Purchase Basis	Rs/kWh	4.19	4.37	-4%	4.26	4.39	-3%
2.26	STU Cost per Unit	Rs/kWh	0.32	0.31	4%	0.36	0.30	17%
2.27	CTU Cost per Unit	Rs/kWh	0.09	0.18	-52%	0.13	0.16	-19%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.37	0.86	-58%	0.69	0.77	-11%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.05	1.64	-36%	1.20	1.45	-17%
2.29	Network Cost per Unit	Rs/kWh	1.46	2.17	-33%	1.69	1.91	-12%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.07	0.09	-26%	0.06	0.07	-8%
2.31	Cost of Service per Unit	Rs/kWh	5.72	6.59	-13%	6.01	6.37	-6%
<b>KPIs on Sales basis</b>								
2.32	Energy Cost on Sales Basis	Rs/kWh	5.43	5.06	7%	4.80	4.80	0%

2.33	STU Cost per Unit	Rs/kWh	0.42	0.41	1%		0.40	0.33	20%
2.34	CTU Cost per Unit	Rs/kWh	0.11	0.20	-46%		0.14	0.17	-16%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.36	1.89	-28%		1.36	1.59	-15%
2.36	Network Cost per Unit	Rs/kWh	1.89	2.45	-23%		1.90	2.09	-9%
2.37	Retail Supply Cost per Unit	Rs/kWh	0.09	0.11	-18%		0.07	0.08	-5%
2.38	ACS	Rs/kWh	7.40	7.61	-3%		6.77	6.97	-3%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	3.19	0.00	-		1.92	0.00	-
<b>AT&amp;C Losses</b>									
2.40	Collection $\eta$	%	120%	86%	40%		92%	74%	24%
2.41	Units Realized	MU	6404	3753	71%		23531	16328	44%
2.42	Units Unrealized	MU	-581	995	-158%		4224	7476	-43%
2.43	AT&C Losses	%	-10%	21%	-148%		15%	31%	-52%
<b>ACS-ARR GAP</b>									
2.44	GAP	Rs/kWh	0.44	-2.61	-117%		-0.77	-2.60	-70%

### 3. Sales by Categories

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	304 (6%)	277 (7%)	10%	1520 (6%)	1459 (7%)	4%
3.1.2	LT-1B	848 (17%)	841 (20%)	1%	4215 (17%)	4018 (18%)	5%
3.1.3	LT-1C	423 (9%)	393 (9%)	8%	2469 (10%)	2290 (10%)	8%
3.1.4	LT-1	1575 (32%)	1511 (36%)	4%	8203 (32%)	7767 (35%)	6%
3.1.5	LT-2	255 (5%)	193 (5%)	32%	1224 (5%)	979 (4%)	25%
3.1.6	LT-3	134 (3%)	110 (3%)	21%	658 (3%)	506 (2%)	30%
3.1.7	LT-4	113 (2%)	101 (2%)	12%	579 (2%)	531 (2%)	9%
3.1.8	LT-5	962 (20%)	814 (20%)	18%	5952 (23%)	6040 (27%)	-1%
3.1.9	LT-5 A (ii)	637 (13%)	539 (13%)	18%	4242 (17%)	4693 (21%)	-10%
3.1.10	LT-5 excluding A(ii)	325 (7%)	274 (7%)	18%	1709 (7%)	1347 (6%)	27%
3.1.11	LT	3039 (62%)	2729 (66%)	11%	16615 (65%)	15824 (71%)	5%
3.1.12	HT-1	5 (0%)	5 (0%)	-7%	30 (0%)	28 (0%)	7%
3.1.13	HT-2	126 (3%)	97 (2%)	30%	604 (2%)	467 (2%)	29%
3.1.14	HT-3	1426 (29%)	1061 (26%)	34%	6894 (27%)	4597 (21%)	50%
3.1.15	HT-4	191 (4%)	103 (2%)	85%	894 (4%)	539 (2%)	66%
3.1.16	HT-5	54 (1%)	87 (2%)	-38%	201 (1%)	439 (2%)	-54%
3.1.17	Rescos	34 (1%)	67 (2%)	-49%	214 (1%)	341 (2%)	-37%
3.1.18	HT	1836 (38%)	1421 (34%)	29%	8838 (35%)	6410 (29%)	38%
3.1.19	Discom Sales	4875	4150	17%	25453	22234	14%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3038.98	2729.12	11%	16615	15824	5%
3.2.2	11KV	447.99	426.24	5%	2273	2021	12%
3.2.3	33KV	529.24	425.04	25%	2574	1825	41%
3.2.4	EHT	859.03	569.45	51%	3991	2564	56%
3.1.19	Discom Sales	4875.24	4149.85	17%	25453	22234	14%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	83 (2%)	79 (4%)	5%	415 (3%)	405 (4%)	2%
3.3.2	LT-1B	282 (7%)	285 (14%)	-1%	1368 (9%)	1289 (13%)	6%
3.3.3	LT-1C	249 (7%)	250 (12%)	-1%	1421 (9%)	1309 (13%)	9%
3.3.4	LT-1	613 (16%)	614 (30%)	0%	3203 (21%)	3003 (31%)	7%
3.3.5	LT-2	264 (7%)	236 (11%)	12%	1303 (9%)	1070 (11%)	22%
3.3.6	LT-3	101 (3%)	100 (5%)	1%	528 (3%)	423 (4%)	25%
3.3.7	LT-4	24 (1%)	24 (1%)	1%	139 (1%)	195 (2%)	-29%
3.3.8	LT-5	1581 (41%)	98 (5%)	1519%	3895 (26%)	490 (5%)	696%
3.3.9	LT-5 A (ii)	1517 (40%)	6 (0%)	26658%	3422 (22%)	23 (0%)	14593%
3.3.10	LT-5 excluding A(ii)	64 (2%)	92 (4%)	-31%	473 (3%)	466 (5%)	1%
3.3.11	LT	2583 (68%)	1072 (52%)	141%	9067 (59%)	5181 (53%)	75%
3.3.12	HT-1	5 (0%)	4 (0%)	28%	23 (0%)	19 (0%)	21%
3.3.13	HT-2	133 (3%)	112 (5%)	19%	661 (4%)	537 (6%)	23%
3.3.14	HT-3	974 (25%)	794 (38%)	23%	4883 (32%)	3459 (36%)	41%
3.3.15	HT-4	124 (3%)	75 (4%)	64%	591 (4%)	385 (4%)	53%
3.3.16	HT-5	3 (0%)	13 (1%)	-78%	27 (0%)	107 (1%)	-75%
3.3.17	Rescos	1 (0%)	5 (0%)	-70%	17 (0%)	20 (0%)	-16%
3.3.18	HT	1240 (32%)	1003 (48%)	24%	6203 (41%)	4528 (47%)	37%
3.3.19	Discom Collections	3823	2075	84%	15270	9709	57%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	64,17,983(36%)	62,63,787(37%)	2%	70,35,353(38%)	74,14,906(41%)	-5%
3.4.2	LT-1B	64,54,331(36%)	63,08,399(37%)	2%	65,01,685(35%)	63,61,485(35%)	2%
3.4.3	LT-1C	13,71,857(8%)	12,88,212(8%)	6%	16,22,178(9%)	28,23,593(16%)	-43%
3.4.4	LT-1	1,42,44,171(80%)	1,38,60,398(81%)	3%	1,46,95,731(79%)	1,42,81,081(80%)	3%
3.4.5	LT-2	15,20,913(9%)	14,17,723(8%)	7%	16,01,818(9%)	15,05,004(8%)	6%
3.4.6	LT-3	80,009(0%)	77,966(0%)	3%	95,814(1%)	92,994(1%)	3%
3.4.7	LT-4	3,29,633(2%)	3,23,481(2%)	2%	3,38,859(2%)	3,30,587(2%)	3%
3.4.8	LT-5	15,30,364(9%)	14,59,370(9%)	5%	18,06,485(10%)	17,26,643(10%)	5%
3.4.9	LT-5 A (ii)	14,50,255(8%)	13,81,483(8%)	5%	17,21,020(9%)	16,41,666(9%)	5%
3.4.10	LT-5 excluding A(ii)	80,109(0%)	77,887(0%)	3%	91,691(0%)	93,039(1%)	-1%
3.4.11	LT	1,77,05,090(100%)	1,71,38,938(100%)	3%	1,85,38,177(100%)	1,79,24,041(100%)	3%
3.4.12	HT-1	108(0%)	103(0%)	5%	108(0%)	104(0%)	4%
3.4.13	HT-2	4,356(0.02%)	4,135(0.02%)	5%	4,356(0.02%)	4,139(0.02%)	5%
3.4.14	HT-3	6,204(0.04%)	5,777(0.03%)	7%	6,209(0.03%)	5,844(0.03%)	6%
3.4.15	HT-4	617(0%)	603(0%)	2%	617(0%)	609(0%)	1%
3.4.16	HT-5	707(0%)	838(0%)	-16%	707(0%)	947(0.01%)	-25%
3.4.17	Rescos	82(0%)	79(0%)	4%	82(0%)	79(0%)	4%
3.4.18	HT	12,074(0.07%)	11,535(0.07%)	5%	12,079(0.07%)	11,722(0.07%)	3%
3.4.19	Discom Bills	1,77,17,164	1,71,50,473	3%	1,85,50,256	1,79,35,763	3%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	2.72	2.86	-5%	2.73	2.78	-2%
3.5.2	LT-1B	3.32	3.39	-2%	3.25	3.21	1%
3.5.3	LT-1C	5.89	6.37	-8%	5.76	5.71	1%
3.5.4	LT-1	3.89	4.07	-4%	3.90	3.87	1%
3.5.5	LT-2	10.34	12.20	-15%	10.64	10.92	-3%
3.5.6	LT-3	7.54	9.09	-17%	8.03	8.38	-4%
3.5.7	LT-4	2.12	2.37	-10%	2.40	3.68	-35%
3.5.8	LT-5	16.44	1.20	1270%	6.54	0.81	707%
3.5.9	LT-5 A (ii)	23.83	0.11	22557%	8.07	0.05	16154%
3.5.10	LT-5 excluding A(ii)	1.96	3.35	-41%	2.77	3.46	-20%
3.5.11	LT	8.50	3.93	116%	5.46	3.27	67%
3.5.12	HT-1	9.38	6.78	38%	7.83	6.91	13%
3.5.13	HT-2	10.56	11.49	-8%	10.95	11.50	-5%
3.5.14	HT-3	6.83	7.49	-9%	7.08	7.52	-6%
3.5.15	HT-4	6.48	7.32	-11%	6.61	7.14	-8%
3.5.16	HT-5	0.53	1.54	-65%	1.32	2.44	-46%
3.5.17	Rescos	0.40	0.68	-41%	0.80	0.60	34%
3.5.18	HT	6.75	7.06	-4%	7.02	7.06	-1%
3.5.19	ARR	7.84	5.00	57%	6.00	4.37	37%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	47	44	7%	43	39	10%
3.6.2	LT-1B	131	133	-1%	130	126	3%
3.6.3	LT-1C	308	305	1%	304	162	88%
3.6.4	LT-1	111	109	1%	112	109	3%

3.6.5	LT-2	168	136	23%	153	130	17%
3.6.6	LT-3	1670	1413	18%	1373	1087	26%
3.6.7	LT-4	344	312	10%	342	322	6%
3.6.8	LT-5	629	558	13%	659	700	-6%
3.6.9	LT-5 A (ii)	439	390	12%	493	572	-14%
3.6.10	LT-5 excluding A(ii)	4059	3524	15%	3729	2897	29%
3.6.11	LT	172	159	8%	179	177	2%
3.6.12	HT-1	46707	52852	-12%	55199	53606	3%
3.6.13	HT-2	28980	23560	23%	27734	22560	23%
3.6.14	HT-3	229879	183646	25%	222079	157312	41%
3.6.15	HT-4	309333	171009	81%	289900	176959	64%
3.6.16	HT-5	76278	103272	-26%	56971	92615	-38%
3.6.17	Rescos	414756	851967	-51%	521799	862912	-40%
3.6.18	HT	152083	123169	23%	146336	109361	34%
3.6.19	AMC	275	242	14%	274	248	11%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	129	126	2%	118	109	8%
3.7.2	LT-1B	436	452	-3%	421	405	4%
3.7.3	LT-1C	1814	1943	-7%	1752	927	89%
3.7.4	LT-1	430	443	-3%	436	421	4%
3.7.5	LT-2	1734	1664	4%	1626	1422	14%
3.7.6	LT-3	12581	12844	-2%	11018	9108	21%
3.7.7	LT-4	730	739	-1%	819	1182	-31%
3.7.8	LT-5	10331	669	1444%	4312	567	660%
3.7.9	LT-5 A (ii)	10461	41	25389%	3977	28	13916%
3.7.10	LT-5 excluding A(ii)	7970	11809	-33%	10310	10023	3%
3.7.11	LT	1459	625	133%	978	578	69%
3.7.12	HT-1	437963	358252	22%	432180	370549	17%
3.7.13	HT-2	306084	270713	13%	303710	259508	17%
3.7.14	HT-3	1570132	1374918	14%	1572980	1183765	33%
3.7.15	HT-4	2004538	1251410	60%	1915091	1264106	51%
3.7.16	HT-5	40736	159308	-74%	75315	226230	-67%
3.7.17	Rescos	165854	577215	-71%	419547	517439	-19%
3.7.18	HT	1027075	869779	18%	1027033	772524	33%
3.7.19	ACPB	2158	1210	78%	1646	1083	52%

## 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	1789 (28%)	1339 (28%)	34%	2246 (40%)	-20%	8698 (30%)	4914 (20%)	77%	12652 (46%)	-31%
4.1.2	State Hydel	482 (8%)	403 (8%)	20%	420 (8%)	15%	1140 (4%)	1145 (5%)	0%	1097 (4%)	4%
4.1.3	CGS	1468 (23%)	975 (20%)	50%	1069 (19%)	37%	5294 (18%)	4931 (20%)	7%	5194 (19%)	2%
4.1.4	Gas	125 (2%)	157 (3%)	-20%	97 (2%)	28%	643 (2%)	1149 (5%)	-44%	353 (1%)	82%
4.1.5	IPPs	164 (3%)	109 (2%)	51%	137 (2%)	20%	754 (3%)	2426 (10%)	-69%	646 (2%)	17%
4.1.6	VRE-Wind	951 (15%)	1082 (23%)	-12%	991 (18%)	-4%	4004 (14%)	3472 (14%)	15%	4114 (15%)	-3%
4.1.7	VRE-Solar	499 (8%)	459 (10%)	9%	611 (11%)	-18%	2935 (10%)	2678 (11%)	10%	3531 (13%)	-17%
4.1.8	RE-Others	17 (0%)	26 (1%)	-34%	28 (0%)	-39%	91 (0%)	104 (0%)	-13%	131 (0%)	-31%
4.1.9	Markets	804 (13%)	248 (5%)	224%	0 (0%)	-	5016 (18%)	3501 (14%)	43%	0 (0%)	-
4.1.10	Others	13 (0%)	0 (0%)	-	0 (0%)	-	86 (0%)	22 (0%)	293%	0 (0%)	-
4.1.11	Discom Purchases	6312	4797	32%	5600	13%	28662	24340	18%	27717	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	871 (33%)	713 (34%)	22%	1101 (53%)	-21%	4181 (34%)	2951 (28%)	42%	5999 (56%)	-30%
4.2.2	State Hydel	51 (2%)	50 (2%)	2%	51 (2%)	0%	256 (2%)	251 (2%)	2%	256 (2%)	0%
4.2.3	CGS	427 (16%)	416 (20%)	3%	434 (21%)	-2%	1954 (16%)	2092 (20%)	-7%	2136 (20%)	-9%
4.2.4	Gas	32 (1%)	45 (2%)	-30%	23 (1%)	38%	158 (1%)	317 (3%)	-50%	86 (1%)	83%
4.2.5	IPPs	61 (2%)	46 (2%)	33%	55 (3%)	10%	298 (2%)	978 (9%)	-69%	267 (2%)	12%
4.2.6	VRE-Wind	447 (17%)	510 (24%)	-12%	241 (12%)	86%	1880 (15%)	1636 (15%)	15%	1000 (9%)	88%
4.2.7	VRE-Solar	213 (8%)	205 (10%)	4%	153 (7%)	39%	1268 (10%)	1210 (11%)	5%	883 (8%)	43%
4.2.8	RE-Others	8 (0%)	12 (1%)	-37%	14 (1%)	-47%	49 (0%)	52 (0%)	-6%	67 (1%)	-27%
4.2.9	Markets	517 (20%)	86 (4%)	502%	0 (0%)	241447%	2088 (17%)	1167 (11%)	79%	1 (0%)	145380%
4.2.10	Others	19 (1%)	14 (1%)	36%	0 (0%)	-	80 (1%)	20 (0%)	305%	0 (0%)	-
4.2.11	Power Purchase Cost	2645	2098	26%	2073	28%	12211	10676	14%	10696	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	259	289	-10%	352	-26%	1314	1376	-5%	1759	-25%
4.3.2	State Hydel	51	50	2%	51	0%	256	251	2%	256	0%
4.3.3	CGS	124	108	15%	125	-1%	575	561	2%	626	-8%
4.3.4	Gas	3	6	-52%	2	69%	9	20	-53%	8	14%
4.3.5	IPPs	24	20	19%	23	3%	126	220	-43%	116	8%
4.3.6	Fixed Cost	461	473	-2%	553	-17%	2279	2428	-6%	2766	-18%

#### 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	611	425	44%	749	-18%	2867	1575	82%	4240	-32%
4.4.2	CGS	303	309	-2%	309	-2%	1379	1531	-10%	1511	-9%
4.4.3	Gas	29	39	-26%	21	36%	148	297	-50%	78	91%
4.4.4	IPPs	37	25	44%	32	14%	173	758	-77%	150	15%
4.4.5	VRE-Wind	447	510	-12%	241	86%	1880	1636	15%	1000	88%
4.4.6	VRE-Solar	213	205	4%	153	39%	1268	1210	5%	883	43%
4.4.7	RE-Others	8	12	-37%	14	-47%	49	52	-6%	67	-27%
4.4.8	Markets	517	86	502%	0	241447%	2088	1167	79%	1	145380%
4.4.9	Variable Cost	2165	1612	34%	1520	42%	9852	8228	20%	7930	24%

#### 4.5 Average Energy Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.5.1	State Thermal	4.87	5.33	-9%	4.90	-1%	4.81	6.01	-20%	4.74	1%
4.5.2	State Hydel	1.06	1.24	-15%	1.22	-13%	2.24	2.19	3%	2.33	-4%
4.5.3	CGS	2.91	4.27	-32%	4.06	-28%	3.69	4.24	-13%	4.11	-10%
4.5.4	Gas	2.55	2.89	-12%	2.37	8%	2.45	2.76	-11%	2.44	1%
4.5.5	IPPs	3.69	4.20	-12%	4.03	-8%	3.96	4.03	-2%	4.13	-4%
4.5.6	VRE-Wind	4.70	4.71	0%	2.43	94%	4.70	4.71	0%	2.43	93%
4.5.7	VRE-Solar	4.27	4.48	-5%	2.51	70%	4.32	4.52	-4%	2.50	73%
4.5.8	RE-Others	4.48	4.64	-3%	5.14	-13%	5.42	5.01	8%	5.14	6%
4.5.9	Markets	6.43	3.46	86%	0.00	-	4.16	3.33	25%	0.00	-
4.5.10	Others	14.71	0.00	-	0.00	-	9.28	8.99	3%	0.00	-
4.5.11	Weighted Average	4.19	4.37	-4%	3.70	13%	4.26	4.39	-3%	3.86	10%

#### 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	1.45	2.16	-33%	1.57	-7%	1.51	2.80	-46%	1.39	9%
4.6.2	State Hydel	1.06	1.24	-15%	1.22	-13%	2.24	2.19	3%	2.33	-4%
4.6.3	CGS	0.84	1.10	-24%	1.17	-28%	1.09	1.14	-5%	1.21	-10%
4.6.4	Gas	0.23	0.38	-40%	0.17	32%	0.15	0.17	-16%	0.24	-37%
4.6.5	IPPs	1.46	1.86	-21%	1.70	-14%	1.66	0.91	83%	1.80	-8%
4.6.6	Average FC	0.76	1.01	-25%	0.99	-23%	0.82	1.01	-18%	1.00	-18%

#### 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	3.42	3.17	8%	3.33	3%	3.30	3.21	3%	3.35	-2%
4.7.2	CGS	2.06	3.16	-35%	2.89	-29%	2.61	3.11	-16%	2.91	-10%
4.7.3	Gas	2.33	2.51	-7%	2.20	6%	2.30	2.59	-11%	2.20	5%
4.7.4	IPPs	2.23	2.34	-5%	2.33	-4%	2.29	3.13	-27%	2.33	-2%
4.7.5	VRE-Wind	4.70	4.71	0%	2.43	94%	4.70	4.71	0%	2.43	93%
4.7.6	VRE-Solar	4.27	4.48	-5%	2.51	70%	4.32	4.52	-4%	2.50	73%
4.7.7	RE-Others	4.48	4.64	-3%	5.14	-13%	5.42	5.01	8%	5.14	6%
4.7.8	Markets	6.43	3.46	86%	0.00	-	4.16	3.33	25%	0.00	-
4.7.9	Average VC	3.43	3.36	2%	2.71	26%	3.44	3.38	2%	2.86	20%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1649	1380	19%	7971	7598	5%
4.8.2	11KV	243	215	13%	1090	970	12%
4.8.3	33KV	287	215	34%	1235	876	41%
4.8.4	EHT	466	288	62%	1915	1231	55%
4.2.11	Power Purchase Cost	2645	2098	26%	12211	10676	14%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	574	669	-14%	3158	3312	-5%
4.9.2	11KV	85	105	-19%	432	423	2%
4.9.3	33KV	100	104	-4%	489	382	28%
4.9.4	EHT	162	140	16%	759	537	41%
2.20	Network Cost	921	1017	-9%	4838	4653	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	27	29	-8%	120	120	0%
4.10.2	11KV	4	5	-13%	16	15	7%
4.10.3	33KV	5	5	3%	19	14	34%
4.10.4	EHT	8	6	24%	29	19	48%
2.23	Retail Supply Cost	43	44	-3%	183	169	9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2249	2078	8%	11249	11030	2%
4.11.2	11KV	332	325	2%	1539	1408	9%
4.11.3	33KV	392	324	21%	1743	1272	37%
4.11.4	EHT	636	434	47%	2702	1787	51%
2.24	Cost of Service	3609	3160	14%	17232	15498	11%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	99	74	1%	511	477	1%
4.12.2	11KV	152	97	10%	711	550	10%
4.12.3	33KV	179	159	36%	884	720	36%
4.12.4	EHT	173	169	-8%	818	963	-8%
4.12.5	Loss	603	499	9%	2923	2710	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	2318	2123	9%	11534	11228	3%
4.13.2	11KV	331	323	3%	1531	1392	10%
4.13.3	33KV	375	312	20%	1673	1220	37%
4.13.4	EHT	584	402	46%	2495	1657	51%
2.24	Cost of Service	3609	3160	14%	17232	15498	11%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.6	7.8	-2%	6.9	7.1	-2%
4.14.2	11KV	7.4	7.6	-2%	6.7	6.9	-2%
4.14.3	33KV	7.1	7.4	-4%	6.5	6.7	-3%
4.14.4	EHT	6.8	7.1	-4%	6.3	6.5	-3%
2.37	ACS	7.4	7.6	-3%	6.8	7.0	-3%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>2267</b>	<b>2250</b>	<b>2237</b>	<b>2234</b>	<b>8988</b>
5.1.2	Agriculture Subsidy	1824	1824	1824	1824	7297
5.1.3	Aquaculture Subsidy	256	227	208	212	903
5.1.4	SC Colonies Subsidy	125	134	138	133	531
5.1.5	ST Thandas Subsidy	25	27	27	26	105
5.1.6	Other Subsidy	36	37	39	39	152
5.1.7	<b>Govt Agencies</b>	<b>1139</b>	<b>1226</b>	<b>1186</b>	<b>1121</b>	<b>4672</b>
5.1.8	Panchayats	328	349	333	323	1334
5.1.9	WR Dept	334	337	351	304	1326
5.1.10	ULB	139	160	129	125	553
5.1.11	Other Govt Dept	338	380	373	369	1459
5.1.12	<b>Govt serviced debt</b>	<b>361</b>	<b>270</b>	<b>24</b>	<b>15</b>	<b>670</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>6758</b>	<b>6719</b>	<b>6524</b>	<b>6253</b>	<b>26255</b>
5.1.15	<b>Total</b>	<b>10525</b>	<b>10465</b>	<b>9971</b>	<b>9623</b>	<b>40584</b>
5.1.16	<b>Opex Loans</b>	<b>4819</b>	<b>1246</b>	<b>0</b>	<b>0</b>	<b>6065</b>
5.1.17	<b>Capex Loans</b>	<b>170</b>	<b>69</b>	<b>0</b>	<b>0</b>	<b>240</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>736</b>	<b>736</b>	<b>1513</b>	<b>0</b>	<b>-777</b>	-	<b>106%</b>
5.2.2	Agriculture Subsidy	608	608	1513	0	-905	-	149%
5.2.3	Aquaculture Subsidy	77	76	0	0	76	-	-100%
5.2.4	SC Colonies Subsidy	42	43	0	0	43	-	-100%
5.2.5	ST Thandas Subsidy	8	9	0	0	9	-	-100%
5.2.6	Other Subsidy	1	1	0	0	1	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>365</b>	<b>371</b>	<b>117</b>	<b>112</b>	<b>253</b>	<b>5%</b>	<b>-68%</b>
5.2.8	Panchayats	103	106	8	6	98	36%	-92%
5.2.9	WR Dept	97	84	1	5	83	-86%	-99%
5.2.10	ULB	41	43	11	10	32	17%	-72%
5.2.11	Other Govt Dept	124	137	97	91	40	7%	-21%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>138</b>	<b>81</b>	<b>49</b>	<b>56</b>	<b>66%</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>2242</b>	<b>2192</b>	<b>1963</b>	<b>50</b>	<b>12%</b>	<b>-2%</b>
5.2.15	<b>Total</b>	<b>3346</b>	<b>3487</b>	<b>3904</b>	<b>2124</b>	<b>-417</b>	<b>84%</b>	<b>17%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>650</b>	<b>650</b>	<b>0</b>	<b>0</b>	-	-
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>49</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>3680</b>	<b>3707</b>	<b>3471</b>	<b>0</b>	<b>14271</b>	<b>6174</b>	-	<b>-6%</b>
5.3.2	Agriculture Subsidy	12127	3040	3040	3398	0	11769	4787	-	12%
5.3.3	Aquaculture Subsidy	1176	386	411	72	0	1515	864	-	-81%
5.3.4	SC Colonies Subsidy	552	208	209	0	0	761	371	-	-100%
5.3.5	ST Thandas Subsidy	167	39	43	0	0	210	141	-	-100%
5.3.6	Other Subsidy	12	7	3	0	0	15	11	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>8109</b>	<b>1825</b>	<b>1727</b>	<b>598</b>	<b>619</b>	<b>9238</b>	<b>6612</b>	<b>-3%</b>	<b>-67%</b>
5.3.8	Panchayats	3710	514	547	76	86	4181	3166	-11%	-85%
5.3.9	WR Dept	3728	486	469	11	28	4187	2882	-62%	-98%

5.3.10	ULB	441	206	241	62	104	619	346	-40%	-70%
5.3.11	Other Govt Dept	229	619	471	449	402	251	218	12%	-28%
5.3.12	<b>Govt serviced debt</b>	220	0	711	370	219	561	0	69%	-
5.3.13	<b>UDAY Receivables</b>	3475	0	0	0	0	3475	0	-	-
5.3.14	<b>Private Customers Receivables</b>	3059	11147	11587	11203	9092	3444	2560	23%	0%
5.3.15	<b>Total</b>	<b>28897</b>	<b>16652</b>	<b>17733</b>	<b>15641</b>	<b>9930</b>	<b>30989</b>	<b>15346</b>	<b>58%</b>	<b>-6%</b>
5.3.16	<b>Opex Loans</b>	0	0	6065	6065	2091	0	0	190%	-
5.3.17	<b>Capex Loans</b>	0	0	240	190	238	49	0	-20%	-

## 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>6380</b>	<b>6628</b>	<b>6849</b>	<b>28957</b>
6.1.2	State Thermal	2765	3099	3618	3938	13421
6.1.3	State Hydel	221	154	154	154	682
6.1.4	CGS	1406	1271	1432	1427	5536
6.1.5	IPPs Gas	131	81	69	67	348
6.1.6	IPPs Thermal	217	174	166	166	723
6.1.7	VRE- Wind	1130	890	348	330	2698
6.1.8	VRE- Solar	1208	503	427	529	2666
6.1.9	RE-Others	38	37	77	88	239
6.1.10	Market	1936	153	338	150	2577
6.1.11	Other	50	19	0	0	69
6.1.12	Wind @ interim rate	399	654	348	330	1731
6.1.13	Solar @ interim rate	325	410	427	529	1691
6.1.14	<b>CTU Cost</b>	<b>175</b>	<b>361</b>	<b>374</b>	<b>374</b>	<b>1284</b>
6.1.15	<b>STU Cost</b>	<b>614</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>2414</b>
6.1.16	<b>Distribution Cost</b>	<b>1901</b>	<b>1889</b>	<b>1869</b>	<b>1872</b>	<b>7531</b>
6.1.17	O&M Cost	1368	1396	1441	1444	5649
6.1.18	HR Cost	1127	1180	1186	1189	4683
6.1.19	A&G Cost	79	76	93	94	342
6.1.20	R&M Cost	162	140	161	161	624
6.1.21	Depreciation	343	356	354	354	1407
6.1.22	ROCE	304	359	390	390	1442
6.1.23	Others	189	137	75	75	476
6.1.24	<b>Cost of Service</b>	<b>11790</b>	<b>9229</b>	<b>9471</b>	<b>9696</b>	<b>40186</b>
7.1.1	Capex Debt service (P+I)	357	306	365	360	1388
7.1.2	Opex Debt service (P+I)	2428	2750	1288	1173	7639

### 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>2073</b>	<b>2645</b>	<b>2111</b>	<b>958</b>	<b>534</b>	<b>120%</b>	<b>2%</b>
6.2.2	State Thermal	1101	871	905	682	-35	33%	-18%
6.2.3	State Hydel	51	51	51	51	0	0%	0%
6.2.4	CGS	434	427	497	0	-70	-	15%
6.2.5	IPPs Gas	23	32	35	82	-3	-57%	52%
6.2.6	IPPs Thermal	55	61	69	61	-8	13%	25%
6.2.7	VRE- Wind	241	447	4	1	443	583%	-98%
6.2.8	VRE- Solar	153	213	0	0	213	-	-100%
6.2.9	RE-Others	14	8	2	1	6	132%	-87%
6.2.10	Market	0	517	547	81	-30	573%	255408%
6.2.11	Other	0	19	0	0	19	-	0%
6.2.12	Wind @ interim rate	241	231	4	1	227	583%	-98%
6.2.13	Solar @ interim rate	153	122	0	0	121	-	-100%
6.2.14	<b>CTU Cost</b>	<b>125</b>	<b>54</b>	<b>139</b>	<b>10</b>	<b>-85</b>	<b>1274%</b>	<b>11%</b>
6.2.15	<b>STU Cost</b>	<b>204</b>	<b>203</b>	<b>172</b>	<b>155</b>	<b>32</b>	<b>11%</b>	<b>-16%</b>
6.2.16	<b>Distribution Cost</b>	<b>722</b>	<b>707</b>	<b>483</b>	<b>611</b>	<b>224</b>	<b>-21%</b>	<b>-33%</b>
6.2.17	O&M Cost	476	429	429	572	0	-25%	-10%
6.2.18	HR Cost	386	360	360	498	0	-28%	-7%
6.2.19	A&G Cost	29	22	22	23	0	-5%	-26%
6.2.20	R&M Cost	60	47	47	51	0	-9%	-23%
6.2.21	Depreciation	109	112	0	0	112	-	-100%
6.2.22	ROCE	130	112	0	0	112	-	-100%

6.2.23	Others	7	54	54	39	0	40%	656%
6.2.24	<b>Cost of Service</b>	<b>3124</b>	<b>3608</b>	<b>2904</b>	<b>1734</b>	<b>705</b>	<b>67%</b>	<b>-7%</b>
7.2.1	Capex Debt service (P+I)	144	120	120	0	0	-	-17%
7.2.2	Opex Debt service (P+I)	0	1730	1554	0	175	-	0%

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	EXPENDITURE	PAID		CB	OD > 180 DAYS	% ↑	% ⚡ ERC
					CY	PY				
6.3.1	PP Cost	<b>13327</b>	<b>10696</b>	<b>12211</b>	<b>13297</b>	<b>9754</b>	<b>12242</b>	<b>8324</b>	<b>36%</b>	<b>24%</b>
6.3.2	State Thermal	4748	5999	4181	5654	3657	3276	4305	55%	-6%
6.3.3	State Hydel	130	256	256	256	253	130	130	1%	0%
6.3.4	CGS	2137	2136	1954	3647	2437	444	97	50%	71%
6.3.5	IPPs Gas	93	86	158	179	364	72	47	-51%	108%
6.3.6	IPPs Thermal	661	267	298	351	1115	609	379	-69%	32%
6.3.7	VRE- Wind	3847	1000	1880	818	368	4910	2324	122%	-18%
6.3.8	VRE- Solar	1640	883	1268	258	121	2649	1042	114%	-71%
6.3.9	RE-Others	99	67	49	68	95	80	0	-28%	1%
6.3.10	Market	-29	1	2088	2004	1051	55	0	91%	139288%
6.3.11	Other	0	0	80	63	295	17	0	-79%	-
6.3.12	Wind @ interim rate	251	1000	973	762	368	463	0	107%	-24%
6.3.13	Solar @ interim rate	108	883	717	258	121	566	0	114%	-71%
6.3.14	<b>CTU Cost</b>	<b>127</b>	<b>623</b>	<b>366</b>	<b>540</b>	<b>308</b>	<b>-48</b>	<b>0</b>	<b>76%</b>	<b>-13%</b>
6.3.15	<b>STU Cost</b>	<b>1642</b>	<b>1019</b>	<b>1020</b>	<b>836</b>	<b>429</b>	<b>1825</b>	<b>312</b>	<b>95%</b>	<b>-18%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>3747</b>	<b>3633</b>	<b>2518</b>	<b>2497</b>	<b>1115</b>	<b>0</b>	<b>1%</b>	<b>-33%</b>
6.3.17	O&M Cost	0	2380	2256	2256	2267	0	0	0%	-5%
6.3.18	HR Cost	0	1932	1880	1879	1914	0	0	-2%	-3%
6.3.19	A&G Cost	0	147	120	120	131	0	0	-8%	-18%
6.3.20	R&M Cost	0	301	256	256	221	0	0	16%	-15%
6.3.21	Depreciation	0	544	556	0	0	556	0	-	-100%
6.3.22	ROCE	0	652	559	0	0	559	0	-	-100%
6.3.23	Others	0	172	262	262	230	0	0	14%	52%
6.3.24	<b>Cost of Service</b>	<b>15096</b>	<b>16085</b>	<b>17230</b>	<b>17192</b>	<b>12987</b>	<b>15134</b>	<b>8636</b>	<b>32%</b>	<b>7%</b>
7.3.1	Capex Debt service (P+I)	0	718	595	595	0	0	0	-	-17%
7.3.2	Opex Debt service (P+I)	1000	0	4336	4892	0	444	0	-	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	357	306	365	360	1388
7.1.2	ERC disallowable-Opex Debt	2428	2750	1288	1173	7639
7.1.3	<b>Debt Servicing</b>	2785	3056	1653	1533	9027

### 7.2 Debt Servicing during the month (Rs Cr)

#	Item	ERC-BE	DUE	PAID		Over Due	% ↑	% δ ERC
				CY	PY			
7.2.1	ERC allowed-Capex Debt	144	120	120	0	0	0%	-17%
7.2.2	ERC disallowable-Opex Debt	0	1730	1554	0	175	0%	0%
7.2.3	<b>Debt Servicing</b>	144	1849	1674	0	175	0%	1065%

### 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	718	595	595	0	0	0	0%	-17%
7.3.2	ERC disallowable-Opex Debt	1000	0	4336	4892	0	0	0	0%	0%
7.3.3	<b>Debt Servicing</b>	1000	718	4931	5487	0	0	0	0%	664%

### 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	5108	5092	0%	5754	3903	47%	10862	8995	21%
7.4.2	PFC	474	480	-1%	5222	4665	12%	5697	5144	11%
7.4.3	APPFCL	0	0	-	10987	9295	18%	10987	9295	18%
7.4.4	BANKS	1634	1720	-5%	842	1218	-31%	2476	2938	-16%
7.4.5	IREDA	0	0	-	1075	1388	-23%	1075	1388	-23%
7.4.6	ICD	0	0	-	602	663	-9%	602	663	-9%
7.4.7	PTC	0	0	-	139	164	-15%	139	164	-15%
7.4.8	GOAP	0	0	-	0	0	-	0	0	-
7.4.9	OTHERS	690	690	0%	3912	5631	-31%	4602	6321	-27%
7.4.10	<b>Debt Outstanding</b>	<b>7907</b>	<b>7981</b>	<b>-1%</b>	<b>28532</b>	<b>26926</b>	<b>6%</b>	<b>36439</b>	<b>34907</b>	<b>4%</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
2.03	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)		
2.04	STU	Contracted Capacity of State Transmission Utility
2.05	CTU	Contracted Capacity of Contracted Transmission Utility
2.06	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.07	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$

2.09	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)*100}}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
<b>Network Cost (Rs Cr)</b>		
2.10	STU Cost	<b>a</b> =Expenditure for using State Transmission Network for Transmission of Power
2.11	CTU Cost	<b>b</b> =Expenditure for using Central Transmission Network for Transmission of Power
2.12	Distribution Network Cost	<b>c</b> =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.13	O&M Cost	<b>d</b> =Operation and Maintenance Cost (e+f+g)
2.14	HR Cost	<b>e</b> =Human Resource Cost
2.15	A&G Cost	<b>f</b> =Admin and General Cost
2.16	R & M Cost	<b>g</b> =Repairs and Maintenance
2.17	Depreciation	<b>h</b> =the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.18	ROCE	<b>i</b> =Return on Capital Employed
2.19	Others	<b>j</b> =Any other Cost
2.20	Network Cost	CTU Cost + STU Cost + Distribution Cost
<b>Retail Supply Cost (Rs Cr)</b>		
2.21	B&C Cost and Supply Margin	<b>k</b> =Billing and Collection Cost and Supply Gain Margin
2.22	Interest on Security Deposits	<b>l</b> =interest on security deposit collected from the consumers
2.23	Retail Supply Cost	k+l
<b>Cost of Service (Rs Cr)</b>		
2.24	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>		
2.25	Energy Cost on Purchase Basis	Refer 4.5.11
2.26	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.27	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.28	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.31	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)*10}}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
<b>KPIs on Sales basis</b>		
2.32	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ACS	$\frac{\text{Cost of Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.39	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)*10}}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
<b>AT&amp;C Losses</b>		
2.40	Collection $\eta$	$J=(F+G-I)/E*100$
2.41	Units Realized	$K=D*J/100$
2.42	Units Unrealized	$L=C-K$
2.43	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} =L/(\text{Discom Input}) *100$
<b>ACS-ARR GAP</b>		
2.44	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