

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators June- 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	4184 (83%)	3572 (79%)	17%	12827 (82%)	10342 (76%)	24%
3.1.9	Agl Consumption	MU	848 (17%)	970 (21%)	-13%	2893 (18%)	3309 (24%)	-13%
3.1.19	Discom Sales	MU	5031	4542	11%	15719	13650	15%
1.02	Private Sales	MU	3446 (68%)	2966 (65%)	16%	10812 (69%)	8355 (61%)	29%
1.03	Government Sales	MU	398 (8%)	339 (7%)	17%	1224 (8%)	1021 (7%)	20%
1.04	Government Subsidy	MU	1187 (24%)	1236 (27%)	-4%	3684 (23%)	4274 (31%)	-14%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	12240	10180	20%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	2280	2085	9%	6801	5097	33%
5.2.7	Gov Sales	Rs Cr	119	154	-23%	366	414	-12%
5.2.1	Gov Subsidy	Rs Cr	905	0	-	1707	0	-
1.06	Others	Rs Cr	0	0	-	0	0	-
3.3.19	Discom Collections	Rs Cr	3305	2239	48%	8874	5510	61%
1.07	Metered Sales	Rs Cr	2394	2234	7%	7224	5495	31%
3.3.10	Agl Consumption	Rs Cr	912	5	19848%	1650	13	12374%
1.08	Revenue from Sale	Rs Cr	3449	3217	7%	10587	9141	16%
1.09	Adj Revenue from Sale	Rs Cr	3519	2902	21%	10405	8195	27%
1.10	Closing Debtors	Rs Cr	12935	10646	22%	12935	10646	22%
1.11	Adj Closing Debtors	Rs Cr	12935	10646	22%	12935	10646	22%
<b>KPIs</b>								
3.5.19	ARR	Rs/kWh	6.57	4.93	33%	5.65	4.04	40%
3.6.19	AMC	kWh/bill/Mth	281	262	7%	283	254	11%
3.7.19	ACPB	Rs/bill/Mth	1845	1293	43%	1599	1027	56%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.19	Discom Sales	MU	5031 (95%)	4542 (92%)	11%	15719 (91%)	13650 (90%)	15%
2.01	Discom Losses	MU	369 (7%)	289 (6%)	28%	1317 (8%)	1096 (7%)	20%
2.02	Discom Input	MU	5401 (102%)	4831 (98%)	12%	17036 (99%)	14746 (98%)	16%
2.03	Transmission Loss	MU	147 (3%)	170 (3%)	-14%	500 (3%)	619 (4%)	-19%
4.1.11	Discom Purchases	MU	5278	4928	7%	17265	15093	14%
4.2.11	Power Purchase Cost	Rs. Cr	2322 (70%)	2232 (70%)	4%	7289 (71%)	6592 (71%)	11%
<b>Contracted Network Capacity (MW)</b>								
2.04	STU	MW	12843	11909	8%	12843	11909	8%
2.05	CTU	MW	1724	2164	-20%	1724	2219	-22%
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%	2.4	1.9	30%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.6	2.8	29%	5.1	4.9	5%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.1	7.1	-14%	9.2	9.7	-6%
<b>Network Cost (Rs. Cr)</b>								
2.10	STU Cost	Rs Cr	203 (6%)	148 (5%)	37%	614 (6%)	444 (5%)	38%
2.11	CTU Cost	Rs Cr	62 (2%)	61 (2%)	1%	175 (2%)	215 (2%)	-18%
2.12	Distribution Network Cost	Rs Cr	691 (21%)	736 (23%)	-6%	2079 (20%)	2010 (22%)	3%
2.13	O&M Cost	Rs Cr	450	512	-12%	1346	1351	0%
2.14	HR Cost	Rs Cr	383	429	-11%	1123	1162	-3%
2.15	A&G Cost	Rs Cr	20	17	16%	56	61	-10%
2.16	R & M Cost	Rs Cr	47	66	-29%	167	128	30%
2.17	Depreciation	Rs Cr	110	116	-5%	332	328	1%
2.18	ROCE	Rs Cr	113	68	68%	333	201	65%
2.19	Others	Rs Cr	18	41	-57%	69	129	-47%
2.20	Network Cost	Rs Cr	956 (29%)	945 (29%)	1%	2868 (28%)	2669 (29%)	7%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.21	B&C Cost and Supply Margin	Rs Cr	19	15	23%	43	31	39%
2.22	Interest on Security Deposits	Rs Cr	19	16	21%	56	48	17%
2.23	Retail Supply Cost	Rs Cr	38 (1%)	31 (1%)	22%	99 (1%)	79 (1%)	26%
<b>Cost of Service (Rs. Cr)</b>								
2.24	Cost of Service	Rs Cr	3316	3208	3%	10256	9340	10%
7.2.2	ERC Disallowed Debt	Rs Cr	871	0	-	3222	0	-
<b>KPIs on Purchase basis</b>								
2.25	Energy Cost on Purchase Basis	Rs/kWh	4.40	4.53	-3%	4.22	4.37	-3%
2.26	STU Cost per Unit	Rs/kWh	0.38	0.30	28%	0.36	0.29	21%
2.27	CTU Cost per Unit	Rs/kWh	0.12	0.12	-5%	0.10	0.14	-29%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.68	0.70	-3%	0.60	0.75	-20%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.31	1.49	-12%	1.20	1.33	-10%
2.29	Network Cost per Unit	Rs/kWh	1.81	1.92	-6%	1.66	1.77	-6%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.07	0.06	14%	0.06	0.05	10%
2.31	Cost of Service per Unit	Rs/kWh	6.28	6.51	-3%	5.94	6.19	-4%
<b>KPIs on Sales basis</b>								
2.32	Energy Cost on Sales Basis	Rs/kWh	4.62	4.91	-6%	4.64	4.83	-4%

2.33	STU Cost per Unit	Rs/kWh	0.40	0.32	24%		0.39	0.33	20%
2.34	CTU Cost per Unit	Rs/kWh	0.12	0.13	-8%		0.11	0.16	-29%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.37	1.62	-15%		1.32	1.47	-10%
2.36	Network Cost per Unit	Rs/kWh	1.90	2.08	-9%		1.82	1.96	-7%
2.37	Retail Supply Cost per Unit	Rs/kWh	0.08	0.07	10%		0.06	0.06	9%
2.38	ACS	Rs/kWh	6.59	7.06	-7%		6.52	6.84	-5%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	1.73	0.00	-		2.05	0.00	-
<b>AT&amp;C Losses</b>									
2.4	Collection $\eta$	%	82%	76%	8%		86%	71%	22%
2.41	Units Realized	MU	4039	3394	19%		13468	9534	41%
2.42	Units Unrealized	MU	1263	1378	-8%		3442	5078	-32%
2.43	AT&C Losses	%	24%	29%	-18%		20%	35%	-41%
<b>ACS-ARR GAP</b>									
2.44	GAP	Rs/kWh	-0.02	-2.13	-99%		-0.88	-2.81	-69%

### 3. Sales by Categories

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	314 (6%)	279 (6%)	12%	912 (6%)	905 (7%)	1%
3.1.2	LT-1B	859 (17%)	794 (17%)	8%	2531 (16%)	2376 (17%)	7%
3.1.3	LT-1C	571 (11%)	552 (12%)	3%	1569 (10%)	1452 (11%)	8%
3.1.4	LT-1	1744 (35%)	1626 (36%)	7%	5012 (32%)	4733 (35%)	6%
3.1.5	LT-2	217 (4%)	210 (5%)	4%	741 (5%)	576 (4%)	29%
3.1.6	LT-3	122 (2%)	108 (2%)	13%	394 (3%)	284 (2%)	39%
3.1.7	LT-4	109 (2%)	107 (2%)	2%	356 (2%)	327 (2%)	9%
3.1.8	LT-5	1181 (23%)	1216 (27%)	-3%	3931 (25%)	4125 (30%)	-5%
3.1.9	LT-5 A (ii)	848 (17%)	970 (21%)	-13%	2893 (18%)	3309 (24%)	-13%
3.1.10	LT-5 excluding A(ii)	334 (7%)	245 (5%)	36%	1039 (7%)	816 (6%)	27%
3.1.11	LT	3373 (67%)	3266 (72%)	3%	10434 (66%)	10044 (74%)	4%
3.1.12	HT-1	7 (0%)	6 (0%)	13%	19 (0%)	17 (0%)	11%
3.1.13	HT-2	111 (2%)	96 (2%)	16%	361 (2%)	271 (2%)	33%
3.1.14	HT-3	1312 (26%)	939 (21%)	40%	4116 (26%)	2501 (18%)	65%
3.1.15	HT-4	174 (3%)	115 (3%)	51%	523 (3%)	322 (2%)	62%
3.1.16	HT-5	16 (0%)	58 (1%)	-73%	126 (1%)	288 (2%)	-56%
3.1.17	Rescos	40 (1%)	63 (1%)	-37%	140 (1%)	207 (2%)	-32%
3.1.18	HT	1658 (33%)	1276 (28%)	30%	5285 (34%)	3606 (26%)	47%
3.1.19	Discom Sales	5031	4542	11%	15719	13650	15%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3373.74	3266.36	3%	10435	10044	4%
3.2.2	11KV	440.48	410.33	7%	1381	1178	17%
3.2.3	33KV	477.90	407.64	17%	1542	1000	54%
3.2.4	EHT	739.44	457.20	62%	2362	1429	65%
3.1.19	Discom Sales	5032	4542	11%	15720	13650	15%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	86 (3%)	85 (4%)	2%	247 (3%)	234 (4%)	6%
3.3.2	LT-1B	305 (9%)	287 (13%)	6%	793 (9%)	729 (13%)	9%
3.3.3	LT-1C	381 (12%)	432 (19%)	-12%	864 (10%)	757 (14%)	14%
3.3.4	LT-1	772 (23%)	803 (36%)	-4%	1904 (21%)	1719 (31%)	11%
3.3.5	LT-2	253 (8%)	217 (10%)	17%	789 (9%)	597 (11%)	32%
3.3.6	LT-3	108 (3%)	88 (4%)	22%	321 (4%)	219 (4%)	46%
3.3.7	LT-4	29 (1%)	74 (3%)	-61%	86 (1%)	152 (3%)	-43%
3.3.8	LT-5	986 (30%)	93 (4%)	959%	1987 (22%)	291 (5%)	582%
3.3.9	LT-5 A (ii)	912 (28%)	5 (0%)	19848%	1650 (19%)	13 (0%)	12374%
3.3.10	LT-5 excluding A(ii)	74 (2%)	89 (4%)	-16%	337 (4%)	278 (5%)	21%
3.3.11	LT	2147 (65%)	1275 (57%)	68%	5087 (57%)	2979 (54%)	71%
3.3.12	HT-1	5 (0%)	5 (0%)	0%	14 (0%)	11 (0%)	21%
3.3.13	HT-2	126 (4%)	100 (4%)	26%	401 (5%)	315 (6%)	27%
3.3.14	HT-3	906 (27%)	748 (33%)	21%	2985 (34%)	1892 (34%)	58%
3.3.15	HT-4	115 (3%)	86 (4%)	33%	354 (4%)	228 (4%)	55%
3.3.16	HT-5	3 (0%)	19 (1%)	-83%	21 (0%)	73 (1%)	-71%
3.3.17	Rescos	3 (0%)	5 (0%)	-37%	13 (0%)	10 (0%)	24%
3.3.18	HT	1158 (35%)	964 (43%)	20%	3787 (43%)	2529 (46%)	50%
3.3.19	Discom Collections	3306	2239	48%	8874	5508	61%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	65,40,458(36%)	64,77,879(37%)	1%	70,35,353(38%)	74,14,906(41%)	-5%
3.4.2	LT-1B	61,65,044(34%)	58,06,942(34%)	6%	63,12,457(34%)	60,32,460(34%)	5%
3.4.3	LT-1C	14,89,243(8%)	15,21,260(9%)	-2%	16,14,308(9%)	15,93,406(9%)	1%
3.4.4	LT-1	1,41,94,745(79%)	1,38,06,081(80%)	3%	1,46,55,891(79%)	1,42,34,107(80%)	3%
3.4.5	LT-2	15,09,145(8%)	14,11,843(8%)	7%	15,91,652(9%)	15,03,336(8%)	6%
3.4.6	LT-3	80,083(0%)	77,720(0%)	3%	95,814(1%)	92,277(1%)	4%
3.4.7	LT-4	3,28,907(2%)	3,23,387(2%)	2%	3,38,064(2%)	3,29,888(2%)	2%
3.4.8	LT-5	17,95,047(10%)	16,86,188(10%)	6%	18,00,350(10%)	17,24,511(10%)	4%
3.4.9	LT-5 A (ii)	17,09,953(10%)	16,27,083(9%)	5%	17,09,953(9%)	16,32,977(9%)	5%
3.4.10	LT-5 excluding A(ii)	85,094(0%)	59,105(0%)	44%	91,691(0%)	93,039(1%)	-1%
3.4.11	LT	1,79,07,927(100%)	1,73,05,219(100%)	3%	1,84,81,377(100%)	1,78,68,984(100%)	3%
3.4.12	HT-1	108(0%)	103(0%)	5%	108(0%)	103(0%)	5%
3.4.13	HT-2	4,317(0.02%)	4,117(0.02%)	5%	4,317(0.02%)	4,128(0.02%)	5%
3.4.14	HT-3	6,181(0.03%)	5,660(0.03%)	9%	6,184(0.03%)	5,727(0.03%)	8%
3.4.15	HT-4	617(0%)	603(0%)	2%	617(0%)	607(0%)	2%
3.4.16	HT-5	703(0%)	945(0.01%)	-26%	703(0%)	946(0.01%)	-26%
3.4.17	Rescos	82(0%)	75(0%)	9%	82(0%)	75(0%)	9%
3.4.18	HT	12,008(0.07%)	11,503(0.07%)	4%	12,011(0.06%)	11,586(0.06%)	4%
3.4.19	Discom Bills	1,79,19,935	1,73,16,722	3%	1,84,93,388	1,78,80,570	3%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	2.74	3.03	-9%	2.70	2.58	5%
3.5.2	LT-1B	3.55	3.62	-2%	3.13	3.07	2%
3.5.3	LT-1C	6.66	7.81	-15%	5.51	5.21	6%
3.5.4	LT-1	4.42	4.94	-10%	3.80	3.63	5%
3.5.5	LT-2	11.67	10.33	13%	10.65	10.37	3%
3.5.6	LT-3	8.83	8.20	8%	8.14	7.73	5%
3.5.7	LT-4	2.62	6.86	-62%	2.42	4.64	-48%
3.5.8	LT-5	8.35	0.77	989%	5.05	0.71	616%
3.5.9	LT-5 A (ii)	10.76	0.05	22737%	5.70	0.04	14167%
3.5.10	LT-5 excluding A(ii)	2.23	3.61	-38%	3.24	3.41	-5%
3.5.11	LT	6.36	3.90	63%	4.88	2.97	64%
3.5.12	HT-1	7.31	8.25	-11%	7.29	6.67	9%
3.5.13	HT-2	11.35	10.47	8%	11.10	11.63	-5%
3.5.14	HT-3	6.91	7.97	-13%	7.25	7.56	-4%
3.5.15	HT-4	6.64	7.53	-12%	6.77	7.09	-5%
3.5.16	HT-5	2.08	3.33	-37%	1.66	2.52	-34%
3.5.17	Rescos	0.86	0.86	0%	0.90	0.49	83%
3.5.18	HT	6.99	7.56	-8%	7.17	7.01	2%
3.5.19	ARR	6.57	4.93	33%	5.65	4.04	40%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	48	43	11%	43	41	6%
3.6.2	LT-1B	139	137	2%	134	131	2%
3.6.3	LT-1C	384	363	6%	324	304	7%
3.6.4	LT-1	123	118	4%	114	111	3%

3.6.5	LT-2	144	148	-3%	155	128	22%
3.6.6	LT-3	1522	1386	10%	1371	1026	34%
3.6.7	LT-4	332	332	0%	351	330	6%
3.6.8	LT-5	658	721	-9%	728	797	-9%
3.6.9	LT-5 A (ii)	496	596	-17%	564	675	-17%
3.6.10	LT-5 excluding A(ii)	3922	4153	-6%	3776	2924	29%
3.6.11	LT	188	189	0%	188	187	0%
3.6.12	HT-1	60306	55772	8%	58091	54995	6%
3.6.13	HT-2	25678	23209	11%	27871	21878	27%
3.6.14	HT-3	212199	165907	28%	221884	145573	52%
3.6.15	HT-4	281349	190571	48%	282395	176800	60%
3.6.16	HT-5	22109	60861	-64%	59817	101645	-41%
3.6.17	Rescos	485244	838875	-42%	569648	918778	-38%
3.6.18	HT	138066	110899	24%	146676	103751	41%
3.6.19	AMC	281	262	7%	283	254	11%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	132	130	1%	117	105	11%
3.7.2	LT-1B	495	495	0%	419	403	4%
3.7.3	LT-1C	2555	2836	-10%	1784	1583	13%
3.7.4	LT-1	544	582	-7%	433	403	8%
3.7.5	LT-2	1679	1534	9%	1653	1324	25%
3.7.6	LT-3	13440	11360	18%	11157	7924	41%
3.7.7	LT-4	869	2276	-62%	849	1534	-45%
3.7.8	LT-5	5492	552	894%	3679	563	553%
3.7.9	LT-5 A (ii)	5331	28	18881%	3217	27	11812%
3.7.10	LT-5 excluding A(ii)	8727	14985	-42%	12251	9961	23%
3.7.11	LT	1199	737	63%	917	556	65%
3.7.12	HT-1	440837	459972	-4%	423523	366667	16%
3.7.13	HT-2	291327	243096	20%	309469	254502	22%
3.7.14	HT-3	1465728	1321480	11%	1609095	1101060	46%
3.7.15	HT-4	1868791	1434363	30%	1912123	1254300	52%
3.7.16	HT-5	46015	202573	-77%	99310	256127	-61%
3.7.17	Rescos	418586	721464	-42%	512712	451599	14%
3.7.18	HT	964745	837889	15%	1051037	727744	44%
3.7.19	ACPB	1845	1293	43%	1599	1027	56%

## 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	1467 (28%)	1249 (25%)	17%	2486 (46%)	-41%	4849 (28%)	2525 (17%)	92%	7894 (48%)	-39%
4.1.2	State Hydel	116 (2%)	157 (3%)	-26%	125 (2%)	-7%	425 (2%)	558 (4%)	-24%	500 (3%)	-15%
4.1.3	CGS	908 (17%)	866 (18%)	5%	864 (16%)	5%	2929 (17%)	2860 (19%)	2%	3044 (18%)	-4%
4.1.4	Gas	128 (2%)	189 (4%)	-32%	-1 (0%)	-13034%	387 (2%)	770 (5%)	-50%	191 (1%)	103%
4.1.5	IPPs	133 (3%)	728 (15%)	-82%	120 (2%)	10%	456 (3%)	1919 (13%)	-76%	394 (2%)	16%
4.1.6	VRE-Wind	1055 (20%)	845 (17%)	25%	1105 (20%)	-5%	2002 (12%)	1730 (11%)	16%	2127 (13%)	-6%
4.1.7	VRE-Solar	592 (11%)	526 (11%)	13%	683 (13%)	-13%	1960 (11%)	1787 (12%)	10%	2344 (14%)	-16%
4.1.8	RE-Others	17 (0%)	19 (0%)	-9%	21 (0%)	-19%	59 (0%)	57 (0%)	4%	75 (0%)	-21%
4.1.9	Markets	831 (16%)	357 (7%)	133%	0 (0%)	-	4132 (24%)	2866 (19%)	44%	0 (0%)	-
4.1.10	Others	31 (1%)	-7 (0%)	-	0 (0%)	-	66 (0%)	22 (0%)	203%	0 (0%)	-
4.1.11	Discom Purchases	5278	4928	7%	5404	-2%	17265	15093	14%	16568	4%

### 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	744 (32%)	686 (31%)	9%	1183 (56%)	-37%	2329 (32%)	1632 (25%)	43%	3706 (57%)	-37%
4.2.2	State Hydel	51 (2%)	50 (2%)	2%	51 (2%)	0%	154 (2%)	150 (2%)	2%	154 (2%)	0%
4.2.3	CGS	350 (15%)	389 (17%)	-10%	371 (18%)	-6%	1138 (16%)	1221 (19%)	-7%	1264 (20%)	-10%
4.2.4	Gas	31 (1%)	54 (2%)	-43%	1 (0%)	2010%	94 (1%)	210 (3%)	-55%	47 (1%)	99%
4.2.5	IPPs	54 (2%)	299 (13%)	-82%	51 (2%)	5%	176 (2%)	775 (12%)	-77%	162 (2%)	9%
4.2.6	VRE-Wind	496 (21%)	397 (18%)	25%	269 (13%)	85%	941 (13%)	815 (12%)	15%	517 (8%)	82%
4.2.7	VRE-Solar	255 (11%)	236 (11%)	8%	171 (8%)	49%	846 (12%)	805 (12%)	5%	585 (9%)	45%
4.2.8	RE-Others	9 (0%)	10 (0%)	-5%	11 (1%)	-16%	33 (0%)	29 (0%)	14%	39 (1%)	-14%
4.2.9	Markets	313 (13%)	111 (5%)	181%	0 (0%)	86292%	1529 (21%)	951 (14%)	61%	1 (0%)	172237%
4.2.10	Others	19 (1%)	0 (0%)	-11323%	0 (0%)	-	49 (1%)	2 (0%)	1938%	0 (0%)	-
4.2.11	Power Purchase Cost	2322	2232	4%	2109	10%	7289	6592	11%	6474	13%

### 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	264	288	-9%	352	-25%	777	814	-5%	1055	-26%
4.3.2	State Hydel	51	50	2%	51	0%	154	150	2%	154	0%
4.3.3	CGS	97	114	-14%	125	-22%	322	338	-5%	376	-14%
4.3.4	Gas	2	5	-66%	2	-1%	5	8	-39%	5	2%
4.3.5	IPPs	24	63	-62%	23	3%	70	179	-61%	70	0%
4.3.6	Fixed Cost	438	520	-16%	553	-21%	1327	1489	-11%	1659	-20%

#### 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	480	397	21%	831	-42%	1553	818	90%	2651	-41%
4.4.2	CGS	253	275	-8%	246	3%	817	884	-8%	889	-8%
4.4.3	Gas	29	49	-41%	0	-13378%	89	202	-56%	42	111%
4.4.4	IPPs	30	236	-87%	28	8%	106	596	-82%	92	16%
4.4.5	VRE-Wind	496	397	25%	269	85%	941	815	15%	517	82%
4.4.6	VRE-Solar	255	236	8%	171	49%	846	805	5%	585	45%
4.4.7	RE-Others	9	10	-5%	11	-16%	33	29	14%	39	-14%
4.4.8	Markets	313	111	181%	0	86292%	1529	951	61%	1	172237%
4.4.9	Variable Cost	1865	1712	9%	1556	20%	5914	5100	16%	4815	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	5.07	5.49	-8%	4.76	7%	4.80	6.46	-26%	4.70	2%
4.5.2	State Hydel	4.40	3.20	37%	4.10	7%	3.62	2.70	34%	3.07	18%
4.5.3	CGS	3.85	4.49	-14%	4.30	-10%	3.89	4.27	-9%	4.15	-6%
4.5.4	Gas	2.39	2.83	-16%	-	-116%	2.42	2.73	-11%	2.46	-2%
					14.64						
4.5.5	IPPs	4.07	4.10	-1%	4.27	-5%	3.85	4.04	-5%	4.10	-6%
4.5.6	VRE-Wind	4.70	4.70	0%	2.43	93%	4.70	4.71	0%	2.43	93%
4.5.7	VRE-Solar	4.32	4.49	-4%	2.50	72%	4.32	4.50	-4%	2.50	73%
4.5.8	RE-Others	5.37	5.12	5%	5.14	4%	5.60	5.09	10%	5.14	9%
4.5.9	Markets	3.77	3.12	21%	0.00	-	3.70	3.32	12%	0.00	-
4.5.10	Others	5.94	0.24	2350%	0.00	-	7.38	1.10	574%	0.00	-
4.5.11	Weighted Average	4.40	4.53	-3%	3.90	13%	4.22	4.37	-3%	3.91	8%

#### 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	1.80	2.31	-22%	1.41	27%	1.60	3.22	-50%	1.34	20%
4.6.2	State Hydel	4.40	3.20	37%	4.10	7%	3.62	2.70	34%	3.07	18%
4.6.3	CGS	1.07	1.31	-18%	1.45	-26%	1.10	1.18	-7%	1.23	-11%
4.6.4	Gas	0.13	0.26	-49%	-16.84	-101%	0.13	0.11	20%	0.26	-50%
4.6.5	IPPs	1.80	0.86	108%	1.94	-7%	1.53	0.93	63%	1.77	-14%
4.6.6	Average FC	0.87	1.05	-18%	1.02	-15%	0.80	0.99	-19%	1.00	-20%

#### 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	3.27	3.18	3%	3.34	-2%	3.20	3.24	-1%	3.36	-5%
4.7.2	CGS	2.78	3.18	-13%	2.85	-2%	2.79	3.09	-10%	2.92	-5%
4.7.3	Gas	2.26	2.58	-12%	2.20	3%	2.29	2.62	-13%	2.20	4%
4.7.4	IPPs	2.27	3.24	-30%	2.33	-2%	2.33	3.11	-25%	2.33	0%
4.7.5	VRE-Wind	4.70	4.70	0%	2.43	93%	4.70	4.71	0%	2.43	93%
4.7.6	VRE-Solar	4.32	4.49	-4%	2.50	72%	4.32	4.50	-4%	2.50	73%
4.7.7	RE-Others	5.37	5.12	5%	5.14	4%	5.60	5.09	10%	5.14	9%
4.7.8	Markets	3.77	3.12	21%	0.00	-	3.70	3.32	12%	0.00	-
4.7.9	Average VC	3.53	3.47	2%	2.88	23%	3.43	3.38	1%	2.91	18%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1557	1605	-3%	4838	4850	0%
4.8.2	11KV	203	202	1%	640	569	13%
4.8.3	33KV	221	200	10%	715	483	48%
4.8.4	EHT	341	225	52%	1095	690	59%
4.2.11	Power Purchase Cost	2322	2232	4%	7289	6592	11%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	641	680	-6%	1904	1964	-3%
4.9.2	11KV	84	85	-2%	252	230	9%
4.9.3	33KV	91	85	7%	281	196	44%
4.9.4	EHT	140	95	48%	431	279	54%
2.20	Network Cost	956	945	1%	2868	2669	7%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	25	22	14%	66	58	14%
4.10.2	11KV	3	3	18%	9	7	28%
4.10.3	33KV	4	3	29%	10	6	69%
4.10.4	EHT	6	3	78%	15	8	81%
2.23	Retail Supply Cost	38	31	22%	99	79	26%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2223	2307	-4%	6808	6872	-1%
4.11.2	11KV	290	290	0%	901	806	12%
4.11.3	33KV	315	288	9%	1006	684	47%
4.11.4	EHT	487	323	51%	1541	977	58%
2.24	Cost of Service	3316	3208	3%	10256	9340	10%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	88	92	1%	313	324	1%
4.12.2	11KV	133	97	10%	443	357	10%
4.12.3	33KV	149	101	36%	560	415	36%
4.12.4	EHT	147	170	-8%	500	619	-8%
4.12.5	Loss	516	460	9%	1817	1715	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	2270	2341	-3%	6973	6987	0%
4.13.2	11KV	289	286	1%	896	794	13%
4.13.3	33KV	303	277	9%	965	654	48%
4.13.4	EHT	454	304	50%	1422	905	57%
2.24	Cost of Service	3316	3208	3%	10256	9340	10%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	6.7	7.2	-6%	6.7	7.0	-4%
4.14.2	11KV	6.6	7.0	-6%	6.5	6.7	-4%
4.14.3	33KV	6.3	6.8	-7%	6.3	6.5	-4%
4.14.4	EHT	6.1	6.6	-8%	6.0	6.3	-5%
2.37	ACS	6.6	7.1	-7%	6.5	6.8	-5%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>2267</b>	<b>2247</b>	<b>2237</b>	<b>2234</b>	<b>8985</b>
5.1.2	Agriculture Subsidy	1824	1824	1824	1824	7297
5.1.3	Aquaculture Subsidy	256	225	208	212	901
5.1.4	SC Colonies Subsidy	125	133	138	133	530
5.1.5	ST Thandas Subsidy	25	25	27	26	103
5.1.6	Other Subsidy	36	39	39	39	153
5.1.7	<b>Govt Agencies</b>	<b>1139</b>	<b>1241</b>	<b>1186</b>	<b>1121</b>	<b>4687</b>
5.1.8	Panchayats	328	338	333	323	1322
5.1.9	WR Dept	334	386	351	304	1375
5.1.10	ULB	139	131	129	125	524
5.1.11	Other Govt Dept	338	386	373	369	1466
5.1.12	<b>Govt serviced debt</b>	<b>361</b>	<b>25</b>	<b>24</b>	<b>15</b>	<b>424</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>6776</b>	<b>6524</b>	<b>6253</b>	<b>26311</b>
5.1.15	<b>Total</b>	<b>10525</b>	<b>10288</b>	<b>9971</b>	<b>9623</b>	<b>40406</b>
5.1.16	<b>Opex Loans</b>	<b>4819</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4819</b>
5.1.17	<b>Capex Loans</b>	<b>170</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170</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>751</b>	<b>905</b>	<b>0</b>	<b>-154</b>	-	<b>23%</b>
5.2.2	Agriculture Subsidy	608	608	905	0	-297	-	49%
5.2.3	Aquaculture Subsidy	77	82	0	0	82	-	-100%
5.2.4	SC Colonies Subsidy	42	51	0	0	51	-	-100%
5.2.5	ST Thandas Subsidy	8	10	0	0	10	-	-100%
5.2.6	Other Subsidy	1	1	0	0	1	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>365</b>	<b>246</b>	<b>119</b>	<b>154</b>	<b>127</b>	<b>-23%</b>	<b>-67%</b>
5.2.8	Panchayats	103	107	28	40	79	-29%	-72%
5.2.9	WR Dept	97	64	0	1	63	-84%	-100%
5.2.10	ULB	41	27	10	26	17	-62%	-76%
5.2.11	Other Govt Dept	124	48	81	87	-32	-7%	-35%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>260</b>	<b>72</b>	<b>42</b>	<b>189</b>	<b>69%</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>2324</b>	<b>2280</b>	<b>2085</b>	<b>44</b>	<b>9%</b>	<b>2%</b>
5.2.15	<b>Total</b>	<b>3346</b>	<b>3582</b>	<b>3376</b>	<b>2282</b>	<b>205</b>	<b>48%</b>	<b>1%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>1073</b>	<b>1073</b>	<b>981</b>	<b>0</b>	<b>9%</b>	-
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>54</b>	<b>54</b>	<b>98</b>	<b>0</b>	<b>-45%</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>2208</b>	<b>2232</b>	<b>1707</b>	<b>0</b>	<b>14559</b>	<b>6157</b>	-	<b>-23%</b>
5.3.2	Agriculture Subsidy	12127	1824	1824	1635	0	12316	4787	-	-10%
5.3.3	Aquaculture Subsidy	1176	231	255	72	0	1359	848	-	-69%
5.3.4	SC Colonies Subsidy	552	125	125	0	0	677	371	-	-100%
5.3.5	ST Thandas Subsidy	167	23	25	0	0	193	141	-	-100%
5.3.6	Other Subsidy	12	4	2	0	0	14	11	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>8109</b>	<b>1095</b>	<b>1012</b>	<b>366</b>	<b>414</b>	<b>8755</b>	<b>6612</b>	<b>-12%</b>	<b>-67%</b>
5.3.8	Panchayats	3710	308	330	57	76	3984	3166	-25%	-82%
5.3.9	WR Dept	3728	291	324	10	19	4042	2882	-50%	-97%

5.3.10	ULB	441	124	130	40	85	530	346	-53%	-68%
5.3.11	Other Govt Dept	229	372	229	259	233	199	218	11%	-30%
5.3.12	<b>Govt serviced debt</b>	220	0	465	214	124	471	0	73%	-
5.3.13	<b>UDAY Receivables</b>	3475	0	0	0	0	3475	0	-	-
5.3.14	<b>Private Customers Receivables</b>	3059	6657	7153	6801	5097	3411	2570	33%	2%
5.3.15	<b>Total</b>	<b>28897</b>	<b>9960</b>	<b>10863</b>	<b>9088</b>	<b>5634</b>	<b>30672</b>	<b>15339</b>	<b>61%</b>	<b>-9%</b>
5.3.16	<b>Opex Loans</b>	0	0	4819	4819	1631	0	0	195%	-
5.3.17	<b>Capex Loans</b>	0	0	170	170	238	0	0	-29%	-

## 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>6317</b>	<b>6628</b>	<b>6849</b>	<b>28894</b>
6.1.2	State Thermal	2765	3479	3618	3938	13800
6.1.3	State Hydel	221	154	154	154	682
6.1.4	CGS	1406	1336	1432	1427	5601
6.1.5	IPPs Gas	131	62	69	67	328
6.1.6	IPPs Thermal	217	160	166	166	709
6.1.7	VRE- Wind	1130	640	348	330	2448
6.1.8	VRE- Solar	1208	442	427	529	2605
6.1.9	RE-Others	38	44	77	88	246
6.1.10	Market	1936	1	338	150	2425
6.1.11	Other	50	0	0	0	50
6.1.12	Wind @ interim rate	399	640	348	330	1717
6.1.13	Solar @ interim rate	325	442	427	529	1723
6.1.14	<b>CTU Cost</b>	<b>175</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>1297</b>
6.1.15	<b>STU Cost</b>	<b>614</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>2415</b>
6.1.16	<b>Distribution Cost</b>	<b>1901</b>	<b>1865</b>	<b>1869</b>	<b>1872</b>	<b>7507</b>
6.1.17	O&M Cost	1368	1437	1441	1444	5690
6.1.18	HR Cost	1127	1183	1186	1189	4685
6.1.19	A&G Cost	79	93	93	94	359
6.1.20	R&M Cost	162	161	161	161	646
6.1.21	Depreciation	343	354	354	354	1404
6.1.22	ROCE	304	390	390	390	1473
6.1.23	Others	189	75	75	75	413
6.1.24	<b>Cost of Service</b>	<b>11790</b>	<b>9157</b>	<b>9471</b>	<b>9696</b>	<b>40113</b>
7.1.1	Capex Debt service (P+I)	357	362	365	360	1443
7.1.2	Opex Debt service (P+I)	2428	1352	1288	1173	6241

### 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>2109</b>	<b>2322</b>	<b>2580</b>	<b>2463</b>	<b>-259</b>	<b>5%</b>	<b>22%</b>
6.2.2	State Thermal	1183	744	1382	1092	-638	27%	17%
6.2.3	State Hydel	51	51	51	50	0	2%	0%
6.2.4	CGS	371	350	652	781	-302	-17%	76%
6.2.5	IPPs Gas	1	31	35	100	-5	-65%	2323%
6.2.6	IPPs Thermal	51	54	69	264	-15	-74%	35%
6.2.7	VRE- Wind	269	496	8	0	488	1878%	-97%
6.2.8	VRE- Solar	171	255	21	6	235	272%	-88%
6.2.9	RE-Others	11	9	2	10	7	-78%	-79%
6.2.10	Market	0	313	359	97	-46	272%	99080%
6.2.11	Other	0	19	0	63	19	-100%	0%
6.2.12	Wind @ interim rate	269	256	8	0	248	1878%	-97%
6.2.13	Solar @ interim rate	171	144	21	6	123	272%	-88%
6.2.14	<b>CTU Cost</b>	<b>125</b>	<b>62</b>	<b>86</b>	<b>9</b>	<b>-24</b>	<b>901%</b>	<b>-31%</b>
6.2.15	<b>STU Cost</b>	<b>204</b>	<b>203</b>	<b>147</b>	<b>111</b>	<b>56</b>	<b>33%</b>	<b>-28%</b>
6.2.16	<b>Distribution Cost</b>	<b>722</b>	<b>729</b>	<b>505</b>	<b>508</b>	<b>224</b>	<b>-1%</b>	<b>-30%</b>
6.2.17	O&M Cost	476	465	465	462	0	1%	-2%
6.2.18	HR Cost	386	383	383	380	0	1%	-1%
6.2.19	A&G Cost	29	34	35	23	0	51%	18%
6.2.20	R&M Cost	60	47	47	59	0	-20%	-22%
6.2.21	Depreciation	109	110	0	0	110	-	-100%
6.2.22	ROCE	130	113	0	0	113	-	-100%

6.2.23	Others	7	41	40	46	0	-13%	461%
6.2.24	<b>Cost of Service</b>	<b>3160</b>	<b>3315</b>	<b>3318</b>	<b>3091</b>	<b>-3</b>	<b>7%</b>	<b>5%</b>
7.2.1	Capex Debt service (P+I)	144	115	115	0	0	-	-20%
7.2.2	Opex Debt service (P+I)	0	871	871	0	0	-	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>6474</b>	<b>7289</b>	<b>8273</b>	<b>5139</b>	<b>12344</b>	<b>8324</b>	<b>61%</b>	<b>28%</b>
6.3.2	State Thermal	4748	3706	2329	3049	1971	4029	4305	55%	-18%
6.3.3	State Hydel	130	154	154	154	150	130	130	2%	0%
6.3.4	CGS	2137	1264	1138	2156	806	1119	97	167%	71%
6.3.5	IPPs Gas	93	47	94	111	252	76	47	-56%	136%
6.3.6	IPPs Thermal	661	162	176	213	810	624	379	-74%	32%
6.3.7	VRE- Wind	3847	517	941	810	2	3979	2324	40177%	57%
6.3.8	VRE- Solar	1640	585	846	239	11	2247	1042	1995%	-59%
6.3.9	RE-Others	99	39	33	64	29	68	0	121%	67%
6.3.10	Market	-29	1	1529	1415	812	86	0	74%	158808%
6.3.11	Other	0	0	49	63	295	-14	0	-79%	-
6.3.12	Wind @ interim rate	251	517	486	754	2	-16	0	37396%	46%
6.3.13	Solar @ interim rate	108	585	479	239	11	348	0	1995%	-59%
6.3.14	<b>CTU Cost</b>	<b>127</b>	<b>374</b>	<b>175</b>	<b>261</b>	<b>18</b>	<b>41</b>	<b>0</b>	<b>1361%</b>	<b>-30%</b>
6.3.15	<b>STU Cost</b>	<b>1642</b>	<b>611</b>	<b>614</b>	<b>516</b>	<b>157</b>	<b>1739</b>	<b>312</b>	<b>228%</b>	<b>-16%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>2303</b>	<b>2177</b>	<b>1513</b>	<b>1449</b>	<b>664</b>	<b>0</b>	<b>4%</b>	<b>-34%</b>
6.3.17	O&M Cost	0	1428	1371	1371	1303	0	0	5%	-4%
6.3.18	HR Cost	0	1159	1124	1124	1113	0	0	1%	-3%
6.3.19	A&G Cost	0	88	80	80	67	0	0	19%	-9%
6.3.20	R&M Cost	0	181	167	167	122	0	0	37%	-8%
6.3.21	Depreciation	0	326	331	0	0	331	0	-	-100%
6.3.22	ROCE	0	391	332	0	0	332	0	-	-100%
6.3.23	Others	0	158	142	142	146	0	0	-3%	-10%
6.3.24	<b>Cost of Service</b>	<b>15096</b>	<b>9762</b>	<b>10255</b>	<b>10564</b>	<b>6763</b>	<b>14788</b>	<b>8636</b>	<b>56%</b>	<b>8%</b>
7.3.1	Capex Debt service (P+I)	0	431	357	357	0	0	0	-	-17%
7.3.2	Opex Debt service (P+I)	1000	0	2222	3222	0	0	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	362	365	360	1443
7.1.2	ERC disallowable-Opex Debt	2428	1352	1288	1173	6241
7.1.3	<b>Debt Servicing</b>	2785	1713	1653	1533	7685

### 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	115	115	0	0	0%	-20%
7.2.2	ERC disallowable-Opex Debt	0	871	871	0	0	0%	0%
7.2.3	<b>Debt Servicing</b>	144	986	986	0	0	0%	586%

### 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	431	357	357	0	0	0	0%	-17%
7.3.2	ERC disallowable-Opex Debt	1000	0	2222	3222	0	0	0	0%	0%
7.3.3	<b>Debt Servicing</b>	1000	431	2579	3579	0	0	0	0%	731%

### 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	5131	5092	1%	5754	3903	47%	10885	8995	21%
7.4.2	PFC	481	480	0%	5240	4665	12%	5720	5144	11%
7.4.3	APPFCL	0	0	-	9741	9295	5%	9741	9295	5%
7.4.4	BANKS	1669	1720	-3%	942	1218	-23%	2611	2938	-11%
7.4.5	IREDA	0	0	-	1075	1388	-23%	1075	1388	-23%
7.4.6	ICD	0	0	-	608	663	-8%	608	663	-8%
7.4.7	PTC	0	0	-	149	164	-9%	149	164	-9%
7.4.8	GOAP	0	0	-	0	0	-	0	0	-
7.4.9	OTHERS	690	690	0%	5631	5631	0%	6321	6321	0%
7.4.10	<b>Debt Outstanding</b>	<b>7970</b>	<b>7981</b>	<b>0%</b>	<b>29139</b>	<b>26926</b>	<b>8%</b>	<b>37109</b>	<b>34907</b>	<b>6%</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	a=Expenditure for using State Transmission Network for Transmission of Power
2.11	CTU Cost	b=Expenditure for using Central Transmission Network for Transmission of Power
2.12	Distribution Network Cost	c=Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.13	O&M Cost	d=Operation and Maintenance Cost (e+f+g)
2.14	HR Cost	e=Human Resource Cost
2.15	A&G Cost	f=Admin and General Cost
2.16	R & M Cost	g=Repairs and Maintenance
2.17	Depreciation	h=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.18	ROCE	i=Return on Capital Employed
2.19	Others	j=Any other Cost
2.20	Network Cost	CTU Cost + STU Cost + Distribution Cost
<b>Retail Supply Cost (Rs Cr)</b>		
2.21	B&C Cost and Supply Margin	k=Billing and Collection Cost and Supply Gain Margin
2.22	Interest on Security Deposits	l=interest on security deposit collected from the consumers
2.23	Retail Supply Cost	k+l
<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