

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators October - 2022

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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	4742 (89%)	4365 (83%)	9%	33175 (86%)	30382 (82%)	9%
3.1.12	Agl Consumption	MU	611 (11%)	906 (17%)	-33%	5454 (14%)	6695 (18%)	-19%
3.1.22	Discom Sales	MU	5353	5271	2%	38629	37077	4%
1.02	Private Sales	MU	4288 (80%)	4035 (77%)	6%	32536 (84%)	29966 (81%)	9%
1.03	Government Sales	MU	488 (9%)	455 (9%)	7%	2559 (7%)	2499 (7%)	2%
1.04	Government Subsidy	MU	577 (11%)	781 (15%)	-26%	3534 (9%)	4613 (12%)	-23%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	13515	12214	11%	12699	10523	21%
5.2.14	Pvt Sales	Rs Cr	2842	2546	12%	19697	16313	21%
5.2.7	Gov Sales	Rs Cr	167	389	-57%	2166	1124	93%
5.2.1	Gov Subsidy	Rs Cr	31	751	-96%	5153	4972	4%
1.06	Others	Rs Cr	89	81	10%	592	410	45%
5.2.15	Discom Collections	Rs Cr	3129	3767	-17%	27609	22818	21%
1.07	Metered Sales	Rs Cr	3005	2931	3%	22338	17405	28%
3.3.12	Agl Consumption	Rs Cr	35	755	-95%	4676	5003	-7%
1.08	Revenue from Sale	Rs Cr	3954	3570	11%	27574	23492	17%
1.09	Adj Revenue from Sale	Rs Cr	3134	3537	-11%	27047	23465	15%
1.10	Closing Debtors	Rs Cr	14375	12531	15%	14375	12531	15%
1.11	Adj Closing Debtors	Rs Cr	14375	12531	15%	14375	12531	15%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	5.68	6.99	-19%	6.99	6.04	16%
3.6.22	AMC	kWh/bill/Mth	285	291	-2%	270	258	5%
3.7.22	ACPB	Rs/bill/Mth	1617	2037	-21%	1890	1560	21%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	5353 (100%)	5271 (81%)	2%	38629 (91%)	37077 (91%)	4%
2.01	Discom Losses	MU	354 (7%)	502 (8%)	-30%	2772 (6%)	2866 (7%)	-3%
2.02	Discom Input	MU	5237 (98%)	5599 (86%)	-6%	39949 (94%)	38777 (95%)	3%
2.03	Transmission Loss	MU	137 (3%)	165 (3%)	-17%	1111 (3%)	1129 (3%)	-2%
4.1.11	Discom Purchases	MU	5358	6532	-18%	42655	40775	5%
4.2.11	Power Purchase Cost	Rs. Cr	2654 (67%)	3171 (75%)	-16%	21705 (74%)	17870 (74%)	21%
<b>Contracted Network Capacity (MW)</b>								
2.04	STU	MW	13877	12843	8%	13877	12843	8%
2.05	CTU	MW	1965	1850	6%	1965	1850	6%
2.06	Distribution	MW	12412	11334	10%	12412	11334	10%
<b>Capacity Charges</b>								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.7	1.6	6%	1.7	1.6	5%
2.08	CTU Charges	Rs. Lacs/MW/Mth	13.9	3.0	363%	5.9	3.2	87%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.2	6.5	-5%	5.6	5.5	2%
<b>Network Cost (Rs. Cr)</b>								
2.10	STU Cost	Rs Cr	233 (6%)	203 (5%)	15%	1606 (5%)	1426 (6%)	13%
2.11	CTU Cost	Rs Cr	273 (7%)	56 (1%)	383%	811 (3%)	408 (2%)	99%
2.12	Distribution Network Cost	Rs Cr	768 (19%)	740 (18%)	4%	4874 (17%)	4353 (18%)	12%
2.13	O&M Cost	Rs Cr	529	539	-2%	3293	2970	11%
2.14	HR Cost	Rs Cr	435	464	-6%	2771	2523	10%
2.15	A&G Cost	Rs Cr	19	15	21%	132	116	13%
2.16	R & M Cost	Rs Cr	76	60	27%	390	331	18%
2.17	Depreciation	Rs Cr	144	114	25%	1001	898	11%
2.18	ROCE	Rs Cr	39	24	62%	212	158	34%
2.19	Others	Rs Cr	57	62	-9%	368	326	13%
2.20	Network Cost	Rs Cr	1274 (32%)	999 (24%)	27%	7291 (25%)	6187 (25%)	18%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.21	B&C Cost and Supply Margin	Rs Cr	17	15	8%	108	105	2%
2.22	Interest on Security Deposits	Rs Cr	24	18	35%	142	127	12%
2.23	Retail Supply Cost	Rs Cr	41 (1%)	33 (1%)	23%	250 (1%)	232 (1%)	8%
<b>Cost of Service (Rs. Cr)</b>								
2.24	Cost of Service	Rs Cr	3969	4204	-6%	29246	24289	20%
7.2.2	ERC Disallowed Debt	Rs Cr	890	1952	-54%	5606	6811	-18%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.95	4.85	2%	5.09	4.38	16%
2.25	STU Cost per Unit	Rs/kWh	0.43	0.31	40%	0.38	0.35	8%
2.26	CTU Cost per Unit	Rs/kWh	0.51	0.09	489%	0.19	0.10	90%
2.27	CTU Cost Per Unit on CGS purchases	Rs/kWh	2.79	0.53	427%	1.03	0.56	84%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.43	1.13	27%	1.14	1.07	7%
2.29	Network Cost per Unit	Rs/kWh	2.38	1.49	60%	1.71	1.52	13%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.08	0.05	50%	0.06	0.06	3%
2.31	Cost of Service per Unit	Rs/kWh	7.41	6.44	15%	6.86	5.96	15%
<b>KPIs on Sales basis</b>								
2.32	Energy Cost on Sales Basis	Rs/kWh	4.96	6.02	-18%	5.62	4.82	17%
2.33	STU Cost per Unit	Rs/kWh	0.43	0.33	30%	0.42	0.38	8%
2.34	CTU Cost per Unit	Rs/kWh	0.51	0.11	376%	0.21	0.11	91%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.44	1.40	2%	1.26	1.17	7%
2.36	Network Cost per Unit	Rs/kWh	2.38	1.90	26%	1.89	1.67	13%

2.37	Retail Supply Cost per Unit	Rs/kWh	0.08	0.06	21%		0.06	0.06	3%
2.38	ACS	Rs/kWh	7.41	7.98	-7%		7.57	6.55	16%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	1.66	3.70	-55%		1.45	1.84	-21%
<b>AT&amp;C Losses</b>									
2.40	Collection $\eta$	%	58%	90%	-36%		92%	91%	1%
2.41	Units Realized	MU	2823	4608	-39%		34247	32850	4%
2.42	Units Unrealized	MU	2414	991	144%		5702	5927	-4%
2.43	AT&C Losses	%	46%	18%	160%		14%	15%	-7%
<b>ARR-ACS GAP</b>									
2.44	GAP	Rs/kWh	-1.74	-0.98	77%		-0.58	-0.51	14%

### 3. Sales by Categories

#### 3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	31 (1%)	28 (1%)	8%	208 (1%)	185 (0%)	12%
3.1.2	31-75	201 (4%)	196 (4%)	2%	1377 (4%)	1305 (4%)	6%
3.1.3	76-125	372 (7%)	350 (7%)	6%	2430 (6%)	2316 (6%)	5%
3.1.4	126-225	526 (10%)	525 (10%)	0%	3554 (9%)	3609 (10%)	-2%
3.1.5	226-400	268 (5%)	274 (5%)	-2%	2322 (6%)	2314 (6%)	0%
3.1.6	>400	116 (2%)	143 (3%)	-19%	1491 (4%)	1575 (4%)	-5%
3.1.7	LT-1	1513 (28%)	1516 (29%)	0%	11382 (29%)	11304 (30%)	1%
3.1.8	LT-2	295 (6%)	264 (5%)	12%	2180 (6%)	1790 (5%)	22%
3.1.9	LT-3	128 (2%)	120 (2%)	6%	962 (2%)	924 (2%)	4%
3.1.10	LT-4	144 (3%)	118 (2%)	21%	967 (3%)	828 (2%)	17%
3.1.11	LT-5	972 (18%)	1227 (23%)	-21%	7971 (21%)	9131 (25%)	-13%
3.1.12	LT-5 A (ii)	611 (11%)	906 (17%)	-33%	5454 (14%)	6695 (18%)	-19%
3.1.13	LT-5 excluding A(ii)	361 (7%)	321 (6%)	12%	2517 (7%)	2436 (7%)	3%
3.1.14	LT	3052 (57%)	3246 (62%)	-6%	23462 (61%)	23976 (65%)	-2%
3.1.15	HT-1	5 (0%)	5 (0%)	-2%	41 (0%)	41 (0%)	1%
3.1.16	HT-2	153 (3%)	140 (3%)	9%	1117 (3%)	877 (2%)	27%
3.1.17	HT-3	1695 (32%)	1451 (28%)	17%	11632 (30%)	9821 (26%)	18%
3.1.18	HT-4	237 (4%)	200 (4%)	19%	1644 (4%)	1330 (4%)	24%
3.1.19	HT-5	176 (3%)	194 (4%)	-9%	465 (1%)	721 (2%)	-35%
3.1.20	Rescos	34 (1%)	35 (1%)	-1%	268 (1%)	312 (1%)	-14%
3.1.21	HT	2301 (43%)	2025 (38%)	14%	15167 (39%)	13101 (35%)	16%
3.1.22	Discom Sales	5353	5271	2%	38629	37077	4%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3052	3246	-6%	23419	23952	-2%
3.2.2	11KV	465	454	2%	3496	3312	6%
3.2.3	33KV	647	552	17%	4009	3737	7%
3.2.4	EHT	1190	1019	17%	7705	6078	27%
3.1.22	Discom Sales	5353	5271	2%	38629	37078	4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	25 (1%)	21 (1%)	17%	141 (1%)	118 (1%)	19%
3.3.2	31-75	67 (2%)	66 (2%)	1%	399 (1%)	312 (1%)	28%
3.3.3	76-125	132 (4%)	137 (4%)	-3%	787 (3%)	701 (3%)	12%
3.3.4	126-225	228 (8%)	220 (6%)	4%	1405 (5%)	1212 (5%)	16%
3.3.5	226-400	158 (5%)	171 (5%)	-8%	1303 (5%)	1247 (6%)	4%
3.3.6	>400	87 (3%)	109 (3%)	-20%	1058 (4%)	1060 (5%)	0%
3.3.7	LT-1	697 (23%)	725 (20%)	-4%	5093 (19%)	4651 (21%)	9%
3.3.8	LT-2	354 (12%)	315 (9%)	12%	2468 (9%)	1927 (9%)	28%
3.3.9	LT-3	120 (4%)	113 (3%)	6%	869 (3%)	763 (3%)	14%
3.3.10	LT-4	40 (1%)	226 (6%)	-82%	323 (1%)	391 (2%)	-17%
3.3.11	LT-5	156 (5%)	874 (24%)	-82%	5869 (22%)	5659 (25%)	4%
3.3.12	LT-5 A (ii)	35 (1%)	755 (20%)	-95%	4676 (17%)	5003 (22%)	-7%
3.3.13	LT-5 excluding A(ii)	121 (4%)	119 (3%)	2%	1194 (4%)	656 (3%)	82%
3.3.14	LT	1367 (45%)	2252 (61%)	-39%	14621 (54%)	13390 (60%)	9%
3.3.15	HT-1	4 (0%)	5 (0%)	-14%	29 (0%)	32 (0%)	-11%
3.3.16	HT-2	190 (6%)	175 (5%)	9%	1273 (5%)	982 (4%)	30%
3.3.17	HT-3	1321 (43%)	1059 (29%)	25%	9031 (33%)	7028 (31%)	29%
3.3.18	HT-4	151 (5%)	163 (4%)	-7%	1205 (4%)	896 (4%)	35%
3.3.19	HT-5	6 (0%)	25 (1%)	-76%	678 (3%)	55 (0%)	1129%

3.3.20	Rescos	1 (0%)	7 (0%)	-82%	176 (1%)	24 (0%)	625%
3.3.21	HT	1673 (55%)	1434 (39%)	17%	12392 (46%)	9018 (40%)	37%
3.3.22	Discom Collections	3040	3686	-18%	27013	22408	21%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	29,20,959(16%)	26,40,767(15%)	11%	31,38,515(15%)	35,27,008(17%)	-11%
3.4.2	31-75	37,57,021(20%)	36,54,224(20%)	3%	39,95,649(20%)	40,05,346(20%)	0%
3.4.3	76-125	37,56,698(20%)	35,32,673(20%)	6%	37,56,698(18%)	35,32,673(17%)	6%
3.4.4	126-225	32,54,941(17%)	33,17,541(18%)	-2%	32,54,941(16%)	33,17,541(16%)	-2%
3.4.5	226-400	9,42,899(5%)	9,55,763(5%)	-1%	14,34,087(7%)	13,92,536(7%)	3%
3.4.6	>400	2,05,777(1%)	2,83,468(2%)	-27%	7,35,629(4%)	6,56,171(3%)	12%
3.4.7	LT-1	1,48,38,295(79%)	1,43,84,436(79%)	3%	1,63,15,519(80%)	1,64,31,275(80%)	-1%
3.4.8	LT-2	16,46,854(9%)	15,37,058(8%)	7%	16,57,327(8%)	15,37,058(7%)	8%
3.4.9	LT-3	81,754(0%)	81,242(0%)	1%	85,071(0%)	81,242(0%)	5%
3.4.10	LT-4	3,47,366(2%)	3,38,221(2%)	3%	3,47,366(2%)	3,38,221(2%)	3%
3.4.11	LT-5	18,77,617(10%)	17,43,546(10%)	8%	19,99,137(10%)	21,12,987(10%)	-5%
3.4.12	LT-5 A (ii)	17,84,663(9%)	16,36,376(9%)	9%	17,84,663(9%)	16,80,019(8%)	6%
3.4.13	LT-5 excluding A(ii)	92,954(0%)	1,07,170(1%)	-13%	2,14,474(1%)	4,32,968(2%)	-50%
3.4.14	LT	1,87,91,886(100%)	1,80,84,503(100%)	4%	2,04,04,420(100%)	2,05,00,783(100%)	0%
3.4.15	HT-1	117(0%)	110(0%)	6%	117(0%)	110(0%)	6%
3.4.16	HT-2	4,764(0%)	4,393(0%)	8%	4,764(0%)	4,474(0%)	6%
3.4.17	HT-3	6,527(0%)	6,232(0%)	5%	6,527(0%)	7,011(0%)	-7%
3.4.18	HT-4	801(0%)	684(0%)	17%	801(0%)	719(0%)	11%
3.4.19	HT-5	529(0%)	710(0%)	-25%	719(0%)	752(0%)	-4%
3.4.20	Rescos	1(0%)	82(0%)	-99%	1(0%)	82(0%)	-99%
3.4.21	HT	12,739(0%)	12,211(0%)	4%	12,929(0%)	13,148(0%)	-2%
3.4.22	Discom Bills	1,88,04,625	1,80,96,714	4%	2,04,17,349	2,05,13,931	0%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	8.02	7.41	8%	6.79	6.41	6%
3.5.2	31-75	3.33	3.38	-2%	2.89	2.39	21%
3.5.3	76-125	3.56	3.91	-9%	3.24	3.02	7%
3.5.4	126-225	4.34	4.20	3%	3.95	3.36	18%
3.5.5	226-400	5.90	6.26	-6%	5.61	5.39	4%
3.5.6	>400	7.57	7.62	-1%	7.10	6.73	5%
3.5.7	LT-1	4.61	4.78	-4%	4.47	4.11	9%
3.5.8	LT-2	11.98	11.94	0%	11.32	10.77	5%
3.5.9	LT-3	9.38	9.39	0%	9.03	8.26	9%
3.5.10	LT-4	2.78	19.10	-85%	3.34	4.72	-29%
3.5.11	LT-5	1.60	7.12	-77%	7.36	6.20	19%
3.5.12	LT-5 A (ii)	0.57	8.33	-93%	8.57	7.47	15%
3.5.13	LT-5 excluding A(ii)	3.35	3.70	-10%	4.74	2.69	76%
3.5.14	LT	4.48	6.94	-35%	6.23	5.58	12%
3.5.15	HT-1	7.54	8.63	-13%	7.13	8.01	-11%
3.5.16	HT-2	12.43	12.48	0%	11.39	11.20	2%
3.5.17	HT-3	7.79	7.30	7%	7.76	7.16	8%
3.5.18	HT-4	6.35	8.14	-22%	7.33	6.74	9%
3.5.19	HT-5	0.35	1.29	-73%	14.58	0.77	1806%
3.5.20	Rescos	0.36	2.04	-82%	6.57	0.78	744%
3.5.21	HT	7.27	7.08	3%	8.17	6.88	19%
3.5.22	ARR	5.68	6.99	-19%	6.99	6.04	16%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	11	-2%	9	7	26%
3.6.2	31-75	53	54	0%	49	47	6%
3.6.3	76-125	99	99	0%	92	94	-1%
3.6.4	126-225	162	158	2%	156	155	0%
3.6.5	226-400	284	286	-1%	231	237	-3%
3.6.6	>400	562	505	11%	289	343	-16%
3.6.7	LT-1	102	105	-3%	100	98	1%
3.6.8	LT-2	179	171	5%	188	166	13%
3.6.9	LT-3	1561	1482	5%	1615	1625	-1%
3.6.10	LT-4	414	350	18%	398	350	14%
3.6.11	LT-5	518	704	-26%	570	617	-8%
3.6.12	LT-5 A (ii)	342	554	-38%	437	569	-23%
3.6.13	LT-5 excluding A(ii)	3884	2998	30%	1676	804	109%
3.6.14	LT	162	179	-10%	164	167	-2%
3.6.15	HT-1	44872	48545	-8%	49784	52673	-5%
3.6.16	HT-2	32036	31853	1%	33509	27995	20%
3.6.17	HT-3	259755	232797	12%	254595	200119	27%
3.6.18	HT-4	296417	292310	1%	293156	264177	11%
3.6.19	HT-5	333025	273592	22%	92395	136955	-33%
3.6.20	Rescos	34390000	424268	8006%	38313167	543787	6946%
3.6.21	HT	180648	165837	9%	167589	142349	18%
3.6.22	AMC	285	291	-2%	270	258	5%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	84	79	6%	64	48	34%
3.7.2	31-75	178	182	-2%	143	111	28%
3.7.3	76-125	352	387	-9%	299	283	6%
3.7.4	126-225	702	664	6%	616	522	18%
3.7.5	226-400	1676	1793	-7%	1298	1280	1%
3.7.6	>400	4250	3851	10%	2055	2309	-11%
3.7.7	LT-1	470	504	-7%	446	404	10%
3.7.8	LT-2	2149	2047	5%	2127	1791	19%
3.7.9	LT-3	14644	13913	5%	14589	13419	9%
3.7.10	LT-4	1152	6686	-83%	1328	1650	-20%
3.7.11	LT-5	830	5010	-83%	4194	3826	10%
3.7.12	LT-5 A (ii)	196	4612	-96%	3743	4254	-12%
3.7.13	LT-5 excluding A(ii)	12994	11095	17%	7951	2164	268%
3.7.14	LT	727	1245	-42%	1024	933	10%
3.7.15	HT-1	338462	419091	-19%	354835	421821	-16%
3.7.16	HT-2	398111	397678	0%	381723	313669	22%
3.7.17	HT-3	2024560	1699775	19%	1976680	1432058	38%
3.7.18	HT-4	1880774	2380117	-21%	2148468	1779272	21%
3.7.19	HT-5	115501	352676	-67%	1347371	104803	1186%
3.7.20	Rescos	12500000	864634	1346%	251540054	423213	-
3.7.21	HT	1313337	1173974	12%	1369252	979824	40%
3.7.22	ACPB	1617	2037	-21%	1890	1560	21%

## 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	1708 (32%)	1771 (27%)	-4%	2263 (38%)	-25%	13572 (32%)	12000 (29%)	13%	18075 (43%)	-25%
4.1.2	State Hydel	677 (13%)	718 (11%)	-6%	366 (6%)	85%	2758 (6%)	2317 (6%)	19%	1976 (5%)	40%
4.1.3	CGS	976 (18%)	1065 (16%)	-8%	868 (15%)	12%	7913 (19%)	7310 (18%)	8%	5608 (13%)	41%
4.1.4	Gas	6 (0%)	85 (1%)	-93%	46 (1%)	-87%	231 (1%)	831 (2%)	-72%	251 (1%)	-8%
4.1.5	IPPs	477 (9%)	153 (2%)	211%	800 (13%)	-40%	3356 (8%)	1043 (3%)	222%	5271 (13%)	-36%
4.1.6	VRE-Wind	378 (7%)	968 (15%)	-61%	371 (6%)	2%	5833 (14%)	5981 (15%)	-2%	5549 (13%)	5%
4.1.7	VRE-Solar	567 (11%)	598 (9%)	-5%	509 (9%)	11%	4166 (10%)	4105 (10%)	1%	4200 (10%)	-1%
4.1.8	RE-Others	43 (1%)	24 (0%)	79%	48 (1%)	-10%	228 (1%)	143 (0%)	60%	266 (1%)	-14%
4.1.9	Markets	525 (10%)	1134 (17%)	-54%	694 (12%)	-24%	4540 (11%)	6930 (17%)	-34%	899 (2%)	405%
4.1.10	Others	0 (0%)	18 (0%)	- 100%	0 (0%)	-	58 (0%)	114 (0%)	-49%	0 (0%)	-
4.1.11	Discom Purchases	5358	6532	-18%	5965	-10%	42655	40775	5%	42095	1%

### 4.2 Power Purchase Cost by Source (Rs Cr)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.2.1	State Thermal	849 (32%)	875 (28%)	-3%	1122 (44%)	-24%	6701 (31%)	5832 (33%)	15%	8553 (47%)	-22%
4.2.2	State Hydel	52 (2%)	51 (2%)	2%	52 (2%)	0%	366 (2%)	358 (2%)	2%	366 (2%)	0%
4.2.3	CGS	743 (28%)	431 (14%)	72%	317 (13%)	134%	4369 (20%)	2781 (16%)	57%	2094 (12%)	109%
4.2.4	Gas	8 (0%)	24 (1%)	-64%	29 (1%)	-71%	150 (1%)	205 (1%)	-27%	184 (1%)	-18%
4.2.5	IPPs	197 (7%)	57 (2%)	244%	286 (11%)	-31%	1380 (6%)	400 (2%)	245%	1910 (11%)	-28%
4.2.6	VRE-Wind	176 (7%)	344 (11%)	-49%	174 (7%)	1%	2770 (13%)	2710 (15%)	2%	2608 (14%)	6%
4.2.7	VRE-Solar	247 (9%)	248 (8%)	0%	232 (9%)	7%	1812 (8%)	1759 (10%)	3%	1916 (11%)	-5%
4.2.8	RE-Others	20 (1%)	11 (0%)	89%	27 (1%)	-24%	126 (1%)	71 (0%)	79%	150 (1%)	-16%
4.2.9	Markets	352 (13%)	1099 (35%)	-68%	298 (12%)	18%	3868 (18%)	3633 (20%)	6%	387 (2%)	900%
4.2.10	Others	10 (0%)	31 (1%)	-69%	0 (0%)	-	161 (1%)	121 (1%)	33%	0 (0%)	-
4.2.11	Power Purchase Cost	2654	3171	-16%	2537	5%	21705	17870	21%	18168	19%

### 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	276	-6%	353	-26%	1897	1863	2%	2472	-23%
4.3.2	State Hydel	52	51	2%	52	0%	366	358	2%	366	0%
4.3.3	CGS	341	147	132%	76	350%	1159	850	36%	532	118%
4.3.4	Gas	2	2	8%	18	-91%	17	11	54%	124	-87%
4.3.5	IPPs	71	24	200%	71	0%	474	165	187%	496	-4%
4.3.6	Others	10	31	-69%	0	-	161	121	33%	0	-
4.3.7	Fixed Cost	735	530	39%	570	29%	4073	3369	21%	3990	2%

#### 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	589	599	-2%	768	-23%	4805	3968	21%	6081	-21%
4.4.2	CGS	402	284	41%	241	67%	3211	1931	66%	1562	106%
4.4.3	Gas	7	22	-69%	11	-38%	134	194	-31%	60	123%
4.4.4	IPPs	126	34	275%	215	-41%	906	235	286%	1414	-36%
4.4.5	VRE-Wind	176	344	-49%	174	1%	2770	2710	2%	2608	6%
4.4.6	VRE-Solar	247	248	0%	232	7%	1812	1759	3%	1916	-5%
4.4.7	RE-Others	20	11	84%	27	-26%	124	67	84%	150	-17%
4.4.8	Markets	351	1099	-68%	298	18%	3867	3633	6%	387	900%
4.4.9	Others	0	0	-	0	-	0	0	-	0	-
4.4.10	Variable Cost	1918	2640	-27%	1967	-3%	17628	14498	22%	14178	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	4.97	4.94	1%	4.96	0%	4.94	4.86	2%	4.73	4%
4.5.2	State Hydel	0.77	0.71	8%	1.43	-46%	1.33	1.55	-14%	1.85	-28%
4.5.3	CGS	7.62	4.05	88%	3.65	109%	5.52	3.80	45%	3.73	48%
4.5.4	Gas	13.54	2.78	388%	6.23	117%	6.51	2.47	164%	7.34	-11%
4.5.5	IPPs	4.13	3.73	11%	3.57	16%	4.11	3.84	7%	3.62	14%
4.5.6	VRE-Wind	4.65	3.56	31%	4.70	-1%	4.75	4.53	5%	4.70	1%
4.5.7	VRE-Solar	4.35	4.14	5%	4.55	-4%	4.35	4.28	2%	4.56	-5%
4.5.8	RE-Others	4.79	4.54	6%	5.65	-15%	5.52	4.95	12%	5.65	-2%
4.5.9	Markets	6.70	9.69	-31%	4.30	56%	8.52	5.24	63%	4.30	98%
4.5.10	Others	0.00	17.67	-100%	0.00	-100%	27.64	10.59	161%	0.00	-
4.5.11	Weighted Average	4.95	4.85	2%	4.25	16%	5.09	4.38	16%	4.32	18%

#### 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	1.52	1.56	-3%	1.56	-3%	1.40	1.55	-10%	1.37	2%
4.6.2	State Hydel	0.77	0.71	8%	1.43	-46%	1.33	1.55	-14%	1.85	-28%
4.6.3	CGS	3.50	1.38	154%	0.87	300%	1.46	1.16	26%	0.95	54%
4.6.4	Gas	2.62	0.18	1376%	3.85	-32%	0.73	0.13	454%	4.95	-85%
4.6.5	IPPs	1.48	1.54	-4%	0.89	68%	1.41	1.58	-11%	0.94	50%
4.6.6	Others	0.00	17.67	-100%	0.00	-100%	27.64	10.59	161%	0.00	-
4.6.7	Average FC	1.37	0.81	69%	0.96	44%	0.96	0.83	16%	0.95	1%

#### 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	3.45	3.38	2%	3.40	2%	3.54	3.31	7%	3.36	5%
4.7.2	CGS	4.12	2.67	54%	2.78	48%	4.06	2.64	54%	2.79	46%
4.7.3	Gas	10.92	2.60	320%	2.39	357%	5.79	2.34	148%	2.39	142%
4.7.4	IPPs	2.64	2.20	20%	2.69	-2%	2.70	2.25	20%	2.68	1%
4.7.5	VRE-Wind	4.65	3.56	31%	4.70	-1%	4.75	4.53	5%	4.70	1%
4.7.6	VRE-Solar	4.35	4.14	5%	4.55	-4%	4.35	4.28	2%	4.56	-5%
4.7.7	RE-Others	4.79	4.54	6%	5.65	-15%	5.52	4.95	12%	5.65	-2%
4.7.8	Markets	6.70	9.69	-31%	4.30	56%	8.52	5.24	63%	4.30	98%
4.7.9	Others	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.7.10	Average VC	3.58	4.04	-11%	3.30	9%	4.13	3.56	16%	3.37	23%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1513	1953	-23%	13159	11544	14%
4.8.2	11KV	230	273	-16%	1964	1596	23%
4.8.3	33KV	321	332	-3%	2253	1801	25%
4.8.4	EHT	590	613	-4%	4329	2929	48%
4.2.11	Power Purchase Cost	2654	3171	-16%	21705	17870	21%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	726	615	18%	4420	3997	11%
4.9.2	11KV	111	86	28%	660	553	19%
4.9.3	33KV	154	105	47%	757	623	21%
4.9.4	EHT	283	193	47%	1454	1014	43%
2.20	Network Cost	1274	999	27%	7291	6187	18%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	23	21	14%	151	150	1%
4.10.2	11KV	4	3	24%	23	21	9%
4.10.3	33KV	5	3	42%	26	23	11%
4.10.4	EHT	9	6	41%	50	38	31%
2.23	Retail Supply Cost	41	33	23%	250	232	8%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2263	2588	-13%	17731	15690	13%
4.11.2	11KV	345	362	-5%	2647	2169	22%
4.11.3	33KV	479	440	9%	3035	2448	24%
4.11.4	EHT	882	812	9%	5834	3981	47%
2.24	Cost of Service	3969	4204	-6%	29246	24289	20%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	144	192	-25%	752	641	17%
4.12.2	11KV	99	119	-17%	900	953	-6%
4.12.3	33KV	111	190	-41%	1120	1272	-12%
4.12.4	EHT	137	165	-17%	1111	1129	-2%
4.12.5	Loss	491	667	-26%	3883	3996	-3%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2340	2688	-13%	18236	16069	13%
4.13.2	11KV	340	355	-4%	2637	2164	22%
4.13.3	33KV	461	419	10%	2929	2361	24%
4.13.4	EHT	828	742	12%	5443	3696	47%
2.24	Cost of Service	3969	4204	-6%	29246	24289	20%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.7	8.3	-7%	7.8	6.7	16%
4.14.2	11KV	7.3	7.8	-6%	7.5	6.5	15%
4.14.3	33KV	7.1	7.6	-6%	7.3	6.3	16%
4.14.4	EHT	7.0	7.3	-4%	7.1	6.1	16%
2.38	ACS	7.4	8.0	-7%	7.6	6.6	16%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
5.1.1	<b>Subsidy</b>	<b>4057</b>	<b>1066</b>	<b>1885</b>	<b>2781</b>	<b>9788</b>
5.1.2	Agriculture Subsidy	3881	740	1547	2274	8443
5.1.3	Aquaculture Subsidy	175	325	159	238	897
5.1.4	SC Colonies Subsidy	0	0	86	129	215
5.1.5	ST Thandas Subsidy	0	0	18	28	46
5.1.6	Other Subsidy	0	0	74	112	186
5.1.7	<b>Govt Agencies</b>	<b>586</b>	<b>1413</b>	<b>982</b>	<b>1223</b>	<b>4204</b>
5.1.8	Panchayats	59	37	300	426	822
5.1.9	WR Dept	11	648	119	179	957
5.1.10	ULB	79	200	335	467	1082
5.1.11	Other Govt Dept	438	527	228	150	1343
5.1.12	<b>Govt serviced debt</b>	<b>259</b>	<b>245</b>	<b>89</b>	<b>0</b>	<b>592</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>8034</b>	<b>8821</b>	<b>8037</b>	<b>7792</b>	<b>32684</b>
5.1.15	<b>Total</b>	<b>12935</b>	<b>11545</b>	<b>10993</b>	<b>11796</b>	<b>47269</b>
5.1.16	<b>Opex Loans</b>	<b>24</b>	<b>2439</b>	<b>0</b>	<b>0</b>	<b>2463</b>
5.1.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	<b>Subsidy</b>	<b>927</b>	<b>887</b>	<b>31</b>	<b>751</b>	<b>856</b>	<b>-96%</b>	<b>-97%</b>
5.2.2	Agriculture Subsidy	758	758	31	751	727	-96%	-96%
5.2.3	Aquaculture Subsidy	79	32	0	0	32	-	-100%
5.2.4	SC Colonies Subsidy	43	49	0	0	49	-	-100%
5.2.5	ST Thandas Subsidy	9	10	0	0	10	-	-100%
5.2.6	Other Subsidy	37	38	0	0	38	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>408</b>	<b>541</b>	<b>167</b>	<b>389</b>	<b>374</b>	<b>-57%</b>	<b>-59%</b>
5.2.8	Panchayats	142	131	16	130	115	-88%	-89%
5.2.9	WR Dept	60	183	0	22	183	-100%	-100%
5.2.10	ULB	156	53	23	87	30	-74%	-85%
5.2.11	Other Govt Dept	50	174	128	150	46	-15%	156%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>89</b>	<b>89</b>	<b>81</b>	<b>0</b>	<b>10%</b>	<b>-</b>
5.2.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.14	<b>Private Customers Receivables</b>	<b>2597</b>	<b>2904</b>	<b>2842</b>	<b>2546</b>	<b>62</b>	<b>12%</b>	<b>9%</b>
5.2.15	<b>Total</b>	<b>3932</b>	<b>4421</b>	<b>3129</b>	<b>3767</b>	<b>1292</b>	<b>-17%</b>	<b>-20%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>

### 5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
5.3.1	<b>Subsidy</b>	<b>4921</b>	<b>6489</b>	<b>6248</b>	<b>5153</b>	<b>4972</b>	<b>6016</b>	<b>4252</b>	<b>4%</b>	<b>-21%</b>
5.3.2	Agriculture Subsidy	2242	5307	5322	4653	4881	2912	2038	-5%	-12%
5.3.3	Aquaculture Subsidy	1683	555	244	501	91	1427	1184	452%	-10%
5.3.4	SC Colonies Subsidy	724	301	323	0	0	1047	737	-	-100%
5.3.5	ST Thandas Subsidy	249	65	64	0	0	313	232	-	-100%
5.3.6	Other Subsidy	23	260	294	0	0	317	61	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>9261</b>	<b>2853</b>	<b>3269</b>	<b>2166</b>	<b>1124</b>	<b>10364</b>	<b>8123</b>	<b>93%</b>	<b>-24%</b>
5.3.8	Panchayats	3800	995	970	112	205	4658	3299	-45%	-89%

5.3.9	WR Dept	4725	417	747	659	31	4813	3941	2029%	58%
5.3.10	ULB	245	1091	385	303	150	327	104	101%	-72%
5.3.11	Other Govt Dept	491	350	1167	1093	737	566	779	48%	212%
5.3.12	<b>Govt serviced debt</b>	0	0	743	592	410	150	0	45%	-
5.3.13	<b>UDAY Receivables</b>	0	0	0	0	0	0	0	-	-
5.3.14	<b>Private Customers Receivables</b>	3565	18182	20364	19697	16313	4232	2911	21%	8%
5.3.15	<b>Total</b>	<b>17747</b>	<b>27524</b>	<b>30625</b>	<b>27609</b>	<b>22818</b>	<b>20763</b>	<b>15286</b>	<b>21%</b>	<b>0%</b>
5.3.16	<b>Opex Loans</b>	0	0	0	2463	5339	2463	0	-54%	-
5.3.17	<b>Capex Loans</b>	0	0	0	0	95	0	0	-100%	-

## 6. Payables

### 6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
6.1.1	<b>PP Cost</b>	<b>10259</b>	<b>8791</b>	<b>7684</b>	<b>8201</b>	<b>34936</b>
6.1.2	State Thermal	3147	2706	3284	3967	13104
6.1.3	State Hydel	157	157	157	157	628
6.1.4	CGS	1726	1900	1357	939	5922
6.1.5	IPPs Gas	76	66	66	85	293
6.1.6	IPPs Thermal	542	641	746	766	2695
6.1.7	VRE- Wind	1033	1561	542	511	3647
6.1.8	VRE- Solar	816	750	725	878	3168
6.1.9	RE-Others	51	55	72	78	256
6.1.10	Market	2573	943	725	821	5062
6.1.11	Other	138	13	9	0	161
6.1.12	Wind @ interim rate	0	0	367	511	877
6.1.13	Solar @ interim rate	0	0	478	878	1356
6.1.14	<b>CTU Cost</b>	<b>303</b>	<b>236</b>	<b>409</b>	<b>204</b>	<b>1151</b>
6.1.15	<b>STU Cost</b>	<b>699</b>	<b>674</b>	<b>727</b>	<b>741</b>	<b>2841</b>
6.1.16	<b>Distribution Cost</b>	<b>2027</b>	<b>2287</b>	<b>2538</b>	<b>2592</b>	<b>9445</b>
6.1.17	O&M Cost	1290	1473	1600	1606	5969
6.1.18	HR Cost	1087	1249	1293	1287	4916
6.1.19	A&G Cost	50	63	84	99	296
6.1.20	R&M Cost	153	162	223	220	757
6.1.21	Depreciation	395	463	398	382	1638
6.1.22	ROCE	76	97	363	486	1021
6.1.23	Others	267	254	177	119	816
6.1.24	<b>Cost of Service</b>	<b>13288</b>	<b>11988</b>	<b>11357</b>	<b>11739</b>	<b>48373</b>
7.1.1	Capex Debt service (P+I)	376	394	299	236	1304
7.1.2	Opex Debt service (P+I)	1556	2318	908	0	4782

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

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% Δ ERC
				CY	PY			
6.2.1	<b>PP Cost</b>	<b>2537</b>	<b>2654</b>	<b>3132</b>	<b>2684</b>	<b>-478</b>	<b>17%</b>	<b>23%</b>
6.2.2	State Thermal	1122	849	1081	900	-232	20%	-4%
6.2.3	State Hydel	52	52	59	52	-7	13%	13%
6.2.4	CGS	317	743	187	557	556	-66%	-41%
6.2.5	IPPs Gas	29	8	17	21	-9	-19%	-41%
6.2.6	IPPs Thermal	286	197	181	42	16	331%	-37%
6.2.7	VRE- Wind	174	176	1000	7	-824	14186%	474%
6.2.8	VRE- Solar	232	247	221	0	26	-	-5%
6.2.9	RE-Others	27	20	15	0	5	-	-44%
6.2.10	Market	298	352	371	1105	-19	-66%	24%
6.2.11	Other	0	10	0	0	10	-	-100%
6.2.12	Wind @ interim rate	174	0	0	0	0	-	-100%
6.2.13	Solar @ interim rate	232	0	0	0	0	-	-100%
6.2.14	<b>CTU Cost</b>	<b>68</b>	<b>273</b>	<b>94</b>	<b>71</b>	<b>179</b>	<b>32%</b>	<b>38%</b>
6.2.15	<b>STU Cost</b>	<b>247</b>	<b>233</b>	<b>176</b>	<b>125</b>	<b>57</b>	<b>41%</b>	<b>-29%</b>
6.2.16	<b>Distribution Cost</b>	<b>864</b>	<b>809</b>	<b>586</b>	<b>674</b>	<b>224</b>	<b>-13%</b>	<b>-32%</b>
6.2.17	O&M Cost	535	529	533	543	-4	-2%	0%
6.2.18	HR Cost	429	435	435	463	0	-6%	1%
6.2.19	A&G Cost	33	19	23	19	-4	19%	-31%
6.2.20	R&M Cost	73	76	76	61	0	26%	4%
6.2.21	Depreciation	127	144	0	63	0	-100%	-100%
6.2.22	ROCE	162	39	0	0	0	-	-100%
6.2.23	Others	40	98	53	68	45	-23%	32%
6.2.24	<b>Cost of Service</b>	<b>3716</b>	<b>3969</b>	<b>3988</b>	<b>3554</b>	<b>-19</b>	<b>12%</b>	<b>7%</b>
7.2.2	Capex Debt service (P+I)	79	142	142	142	0	0%	81%

7.2.1	Opex Debt service (P+I)	0	908	890	1952	18	-54%	0%
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### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
6.3.1	<b>PP Cost</b>	<b>11142</b>	<b>18168</b>	<b>21705</b>	<b>22006</b>	<b>18471</b>	<b>10841</b>	<b>2749</b>	<b>19%</b>	<b>21%</b>
6.3.2	State Thermal	1525	8553	6701	9108	7758	-882	760	17%	6%
6.3.3	State Hydel	77	366	366	406	377	37	113	8%	11%
6.3.4	CGS	1357	2094	4369	5145	4758	581	62	8%	146%
6.3.5	IPPs Gas	63	184	150	156	227	57	19	-31%	-15%
6.3.6	IPPs Thermal	559	1910	1380	1373	474	566	271	190%	-28%
6.3.7	VRE- Wind	5351	2608	2770	1947	810	6174	953	140%	-25%
6.3.8	VRE- Solar	2053	1916	1812	482	268	3383	477	80%	-75%
6.3.9	RE-Others	73	150	126	74	108	125	7	-31%	-51%
6.3.10	Market	84	387	3868	3315	3691	637	87	-10%	757%
6.3.11	Other	0	0	161	0	0	161	0	-	-100%
6.3.12	Wind @ interim rate	0	2608	0	0	4	0	0	-100%	-100%
6.3.13	Solar @ interim rate	7	1916	0	1	22	6	0	-96%	-100%
6.3.14	<b>CTU Cost</b>	<b>86</b>	<b>476</b>	<b>811</b>	<b>940</b>	<b>731</b>	<b>-43</b>	<b>22</b>	<b>29%</b>	<b>97%</b>
6.3.15	<b>STU Cost</b>	<b>1995</b>	<b>1729</b>	<b>1606</b>	<b>989</b>	<b>1083</b>	<b>2612</b>	<b>100</b>	<b>-9%</b>	<b>-43%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>6049</b>	<b>5124</b>	<b>3748</b>	<b>4126</b>	<b>1376</b>	<b>0</b>	<b>-9%</b>	<b>-38%</b>
6.3.17	O&M Cost	0	3747	3293	3337	3365	-45	0	-1%	-11%
6.3.18	HR Cost	0	3003	2771	2801	2827	-30	0	-1%	-7%
6.3.19	A&G Cost	0	230	132	149	219	-17	0	-32%	-35%
6.3.20	R&M Cost	0	513	390	388	318	2	0	22%	-24%
6.3.21	Depreciation	0	892	1001	0	409	0	0	-100%	-100%
6.3.22	ROCE	0	1133	212	0	0	0	0	-	-100%
6.3.23	Others	0	278	618	411	353	207	0	16%	48%
6.3.24	<b>Cost of Service</b>	<b>13223</b>	<b>26422</b>	<b>29246</b>	<b>27683</b>	<b>24411</b>	<b>14785</b>	<b>2871</b>	<b>13%</b>	<b>5%</b>
7.3.1	Capex Debt service (P+I)	0	550	912	946	850	-34	0	11%	72%
7.3.2	Opex Debt service (P+I)	0	0	4782	5606	6811	-824	0	-18%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
7.1.1	ERC allowed-Capex Debt	376	394	299	236	1304
7.1.2	ERC disallowable-Opex Debt	1556	2318	908	0	4782
7.1.3	<b>Debt Servicing</b>	1932	2712	1207	236	6086

### 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	79	142	142	142	0	0%	81%
7.2.2	ERC disallowable-Opex Debt	0	908	890	1952	18	-54%	0%
7.2.3	<b>Debt Servicing</b>	79	1050	1032	2095	18	-51%	1214%

### 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	550	912	946	850	-34	0	11%	72%
7.3.2	ERC disallowable-Opex Debt	0	0	4782	5606	6811	-824	36	-18%	0%
7.3.3	<b>Debt Servicing</b>	0	550	5694	6552	7661	-858	36	-14%	1092%

### 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	6014	5273	14%	8744	5831	50%	14758	11104	33%
7.4.2	PFC	642	681	-6%	8042	5123	57%	8684	5804	50%
7.4.3	APPFCL	0	0	-	11639	11667	0%	11639	11667	0%
7.4.4	BANKS	1394	1532	-9%	1019	1395	-27%	2413	2927	-18%
7.4.5	IREDA	0	0	-	285	874	-67%	285	874	-67%
7.4.6	ICD	0	0	-	1033	784	32%	1033	784	32%
7.4.7	PTC	0	0	-	69	109	-36%	69	109	-36%
7.4.8	GOAP	9	9	-5%	0	0	-	9	9	-5%
7.4.9	OTHERS	1117	690	62%	3566	4087	-13%	4683	4776	-2%
7.4.10	<b>Debt Outstanding</b>	<b>9176</b>	<b>8184</b>	<b>12%</b>	<b>34397</b>	<b>29870</b>	<b>15%</b>	<b>43573</b>	<b>38055</b>	<b>15%</b>

## Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) \times 100}{\text{Value in Last Year for given Category}}$
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)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) \times 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 <sup>3</sup> Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Financial Year
CY	Current Financial Year
Tariff Categories	
Category segregation for previous years are considered as per the categories mentioned in recent APERC Retail Supply Tariff Order irrespective of categories at that period and the sub categories are mentioned as below.	
0-30	LT Domestic Consumers with consumption < 30units in the month
31-75	LT Domestic Consumers with consumption > 30 units and <=75 units in the month
76-125	LT Domestic Consumers with consumption > 75 units and <=125 units in the month
126-225	LT Domestic Consumers with consumption > 125 units and <=225 units in the month
226-400	LT Domestic Consumers with consumption > 75 units and <=400 units in the month
>400	LT Domestic Consumers with consumption > 400units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)- Minor (<50kWh), Major (>50kWh), Advertising Hoardings, Function Halls/ Auditorium, Startup Power, Electric Vehicles/Charging Stations
LT-3	Industrial (LT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Seasonal Industries, Cottage Industries (<10HP)
LT-4	Institutional (LT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places
LT-5	Agriculture (LT)- Corporate Farming, Non-Corporate Farming, Salt Farming, Horticulture, Flora Culture, Sugarcane Crushing, Aqua Culture and Animal Husbandry, Agro based Cottage Industries
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)- Townships, Colonies, Gated Communities and Villas
HT-2	Commercial (HT)- Major, Function Halls/ Auditoriums, Startup power, Electric Vehicles/ Charging Stations, Green Power
HT-3	Industrial (HT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Industrial Colonies, Seasonal Industries, Energy Intensive Industries

HT-4	Institutional (HT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places, Electric Traction
HT-5	Agriculture (HT)-Aqua Culture and Animal Husbandry, Government/Private Lift irrigation
Rescos	Rural Electric Supply Cooperative Societies
Temporary Supply	There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed at the rate and other conditions specified in this order.
Categories not defined in either HT-Supply or LT-Supply shall be billed at the rates specified in Category - II (A) (ii) Commercial – Major Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)
IPPs	Independent Power Producers (Private Thermal- Coal)
VRE	Variable Renewable Energy
RE-Others	RE other than Wind and Solar
Markets	Power Procured from Exchanges and Open Markets
Others	Power procured from any other means other than markets
FC	Fixed Cost
VC	Variable Cost
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)
Receivables Categories	
Subsidy	Receivable from Government Collected for Subsidy Sales
Agriculture Subsidy	Subsidy given for Agriculture Consumption
Aquaculture Subsidy	Subsidy given for Aquaculture Consumption
SC Colonies Subsidy	Subsidy given for SC Colonies Consumption
ST Thandas Subsidy	Subsidy given for ST Colonies Consumption
Other Subsidy	Subsidy given for any other Consumption
Govt Agencies	Receivable from Government Utilities
Panchayats	Receivable from Panchayats
WR Dept	Water Resources Department
ULB	Urban Local Bodies
Other Govt Dept	Receivables from other Gov Agencies
Govt serviced debt	Debt in books of the Discoms but servicing is being met by releases from Govt due to commitments in Uday or APPFCL loans
UDAY Receivables	Ujjwal DISCOM Assurance Yojana-Financial turnaround and revival package for electricity distribution companies of India initiated by the Government of India
Private Customers Receivables	Receivables Collected from Sales Consumed by Private users

Total	Total receivables
Opex Loans	Receivables as part of Opex Loans
Capex Loans	Receivables as part of Capex Loans
REC	Loans taken from Rural Electrification Corporation Limited
PFC	Loans taken from Power Finance Corporation Ltd.
APPFCL	Loans taken from Andhra Pradesh Power Finance Corporation Limited
BANKS	Loans taken from banks
IREDA	Loans taken from Indian Renewable Energy Development Agency Limited
ICD	Loans taken from Interest on Consumer Deposit
PTC	Loans taken from Power Trading Corporation of India Limited
GOAP	Loans taken from Government of Andhra Pradesh
OTHERS	Loans taken from any other sources

## Glossary

### 1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.12	AgI Consumption	Refer 3.1.12
3.1.22	Discom Sales	<b>D</b> =Refer 3.1.22
1.02	Private Sales	Sales against Pvt connections
1.03	Government Sales	Sales against Govt connections
1.04	Government Subsidy	Sales against Subsidy connections
Collection (Rs Cr)		
1.05	Opening Debtors	<b>G</b> = Opening debtors for sale of Energy as shown in Receivable Schedule. Unbilled Revenue shall not be considered as Debtors
5.2.14	Pvt Sales	Refer 5.2.14
5.2.7	Gov Sales	Refer 5.2.7
5.2.1	Gov Subsidy	Refer 5.2.1
1.06	Others	Collections from any other category provided above
5.2.15	Discom Collections	Refer 5.2.15
1.07	Metered Sales	Collections from Metered Sales
3.3.12	AgI Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	<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		
3.5.22	ARR	Refer 3.5
3.6.22	AMC	Refer 3.6
3.7.22	ACPB	Refer 3.7

Note:

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

### 2. Purchases

Power Purchase		
3.1.22	Discom Sales	<b>D</b> =Refer 3.1.22
2.01	Discom Losses	Loss Incurred at Voltage <= 33KV
2.02	Discom Input	<b>C</b> =Input at Discom Periphery
2.03	Transmission Loss	<b>B</b> = Loss 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 Central Transmission Utility
2.06	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.07	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.09	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)} \times 100}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
Network Cost (Rs Cr)		
2.10	STU Cost	<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
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> = 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>		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.28	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
<b>KPIs on Sales basis</b>		
2.31	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.32	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
<b>AT&amp;C Losses</b>		
2.39	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	<b>M</b> =Aggregate Technical and Commercial Loss =L/C *100
<b>ARR-ACS GAP</b>		
2.43	GAP	=ARR-ACS

Note:

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

### 3. Sales by Categories

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

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

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

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

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

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

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

## 4. Expenditure by Category

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

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

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

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

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

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

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

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

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

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

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

4.12 Losses by Voltage Level (MU)- Transmission & Distribution losses segregated by Voltage

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

Where, Energy Purchased against sales by Voltage (MU)= (Sales at Voltage Level+ Portion of net T&D losses due to Sales at that voltage level)

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

Note:

1. ERC data is taken from Tariff order published by APERC in the respective year
2. Data related to CGS-Solar is included in VRE Solar

## 5. Receivables

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

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

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

1. Receivables are obtained from APPCC

## 6. Payables

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

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

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

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

## **7. Debt Servicing**

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

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

7.3 Debt Servicing YTD (Rs Cr)- Dues paid made during the year

7.4 Debt Outstanding (Rs Cr)- Debt Outstanding as on 31<sup>st</sup> March of Specified Year

1. Debt servicing data is obtained from APPCC