

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators August - 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	4624 (87%)	4245 (85%)	9%	23660 (85%)	21575 (81%)	10%
3.1.12	Agl Consumption	MU	710 (13%)	735 (15%)	-3%	4117 (15%)	4917 (19%)	-16%
3.1.22	Discom Sales	MU	5334	4980	7%	27777	26492	5%
1.02	Private Sales	MU	4264 (80%)	3862 (78%)	10%	23818 (86%)	21772 (82%)	9%
1.03	Government Sales	MU	465 (9%)	321 (6%)	45%	1603 (6%)	1578 (6%)	2%
1.04	Government Subsidy	MU	606 (11%)	797 (16%)	-24%	2356 (8%)	3142 (12%)	-25%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	13997	11856	18%	12699	10523	21%
5.2.14	Pvt Sales	Rs Cr	2878	2194	31%	13908	11270	23%
5.2.7	Gov Sales	Rs Cr	823	116	609%	1632	603	171%
5.2.1	Gov Subsidy	Rs Cr	419	1513	-72%	4919	3722	32%
1.06	Others	Rs Cr	0	81	- 100%	347	249	39%
5.2.15	Discom Collections	Rs Cr	4121	3904	6%	20807	15844	31%
1.07	Metered Sales	Rs Cr	3699	2306	60%	16024	11852	35%
3.3.12	Agl Consumption	Rs Cr	422	1517	-72%	4433	3743	18%
1.08	Revenue from Sale	Rs Cr	3969	3400	17%	19613	17081	15%
1.09	Adj Revenue from Sale	Rs Cr	4022	3986	1%	20595	17256	19%
1.10	Closing Debtors	Rs Cr	13716	11775	16%	13716	11775	16%
1.11	Adj Closing Debtors	Rs Cr	13716	11775	16%	13716	11775	16%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	7.72	7.68	1%	7.36	5.89	25%
3.6.22	AMC	kWh/bill/Mth	285	276	3%	273	267	2%
3.7.22	ACPB	Rs/bill/Mth	2202	2117	4%	2012	1573	28%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	5334 (89%)	4980 (80%)	7%	27777 (90%)	26492 (92%)	5%
2.01	Discom Losses	MU	415 (7%)	396 (6%)	5%	2009 (6%)	2002 (7%)	0%
2.02	Discom Input	MU	5831 (98%)	5832 (93%)	0%	28982 (94%)	27789 (97%)	4%
2.03	Transmission Loss	MU	162 (3%)	173 (3%)	-6%	824 (3%)	818 (3%)	1%
4.1.11	Discom Purchases	MU	5963	6262	-5%	30995	28755	8%
4.2.11	Power Purchase Cost	Rs. Cr	2824 (71%)	2626 (75%)	8%	16090 (76%)	12243 (73%)	31%
<b>Contracted Network Capacity (MW)</b>								
2.04	STU	MW	13877	12843	8%	13877	12843	8%
2.05	CTU	MW	1762	1674	5%	1762	1674	5%
2.06	Distribution	MW	12412	11334	10%	12412	11334	10%
<b>Capacity Charges</b>								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.5	1.6	-6%	1.6	1.6	4%
2.08	CTU Charges	Rs. Lacs/MW/Mth	4.4	3.2	38%	5.4	3.6	47%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	6.6	5.0	32%	5.5	5.3	5%
<b>Network Cost (Rs. Cr)</b>								
2.10	STU Cost	Rs Cr	214 (5%)	203 (6%)	5%	1136 (5%)	1020 (6%)	11%
2.11	CTU Cost	Rs Cr	78 (2%)	54 (2%)	46%	473 (2%)	304 (2%)	55%
2.12	Distribution Network Cost	Rs Cr	821 (21%)	566 (16%)	45%	3422 (16%)	2993 (18%)	14%
2.13	O&M Cost	Rs Cr	570	374	52%	2312	2024	14%
2.14	HR Cost	Rs Cr	478	310	54%	1945	1706	14%
2.15	A&G Cost	Rs Cr	33	17	95%	100	84	19%
2.16	R & M Cost	Rs Cr	58	47	25%	268	234	14%
2.17	Depreciation	Rs Cr	175	131	33%	714	655	9%
2.18	ROCE	Rs Cr	31	22	44%	138	112	23%
2.19	Others	Rs Cr	46	39	18%	258	202	27%
2.20	Network Cost	Rs Cr	1113 (28%)	822 (24%)	35%	5030 (24%)	4317 (26%)	17%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.21	B&C Cost and Supply Margin	Rs Cr	15	16	-2%	75	76	-3%
2.22	Interest on Security Deposits	Rs Cr	21	18	14%	98	90	9%
2.23	Retail Supply Cost	Rs Cr	36 (1%)	34 (1%)	6%	173 (1%)	167 (1%)	4%
<b>Cost of Service (Rs. Cr)</b>								
2.24	Cost of Service	Rs Cr	3973	3482	14%	21293	16727	27%
7.2.2	ERC Disallowed Debt	Rs Cr	1261	1395	-10%	3470	4733	-27%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.74	4.19	13%	5.19	4.26	22%
2.25	STU Cost per Unit	Rs/kWh	0.36	0.32	11%	0.37	0.35	3%
2.26	CTU Cost per Unit	Rs/kWh	0.13	0.09	53%	0.15	0.11	44%
2.27	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.68	0.37	87%	0.82	0.58	42%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.38	0.90	52%	1.10	1.04	6%
2.29	Network Cost per Unit	Rs/kWh	1.87	1.23	51%	1.62	1.50	8%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	12%	0.06	0.06	-4%
2.31	Cost of Service per Unit	Rs/kWh	6.66	5.56	20%	6.87	5.82	18%
<b>KPIs on Sales basis</b>								
2.32	Energy Cost on Sales Basis	Rs/kWh	5.29	5.27	0%	5.79	4.62	25%
2.33	STU Cost per Unit	Rs/kWh	0.40	0.31	31%	0.41	0.38	6%
2.34	CTU Cost per Unit	Rs/kWh	0.15	0.11	36%	0.17	0.11	48%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.54	1.14	36%	1.23	1.13	9%
2.36	Network Cost per Unit	Rs/kWh	2.09	1.65	26%	1.81	1.63	11%

2.37	Retail Supply Cost per Unit	Rs/kWh	0.07	0.07	-1%		0.06	0.06	-1%
2.38	ACS	Rs/kWh	7.45	6.99	7%		7.67	6.31	21%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	2.36	2.80	-16%		1.25	1.79	-30%
<b>AT&amp;C Losses</b>									
2.40	Collection $\eta$	%	108%	120%	-9%		100%	94%	7%
2.41	Units Realized	MU	5859	6456	-9%		26939	24187	11%
2.42	Units Unrealized	MU	-29	-623	-95%		2043	3602	-43%
2.43	AT&C Losses	%	0%	-11%	-95%		7%	13%	-46%
<b>ARR-ACS GAP</b>									
2.44	GAP	Rs/kWh	0.28	0.68	-60%		-0.30	-0.43	-30%

### 3. Sales by Categories

#### 3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	29 (1%)	24 (0%)	21%	149 (1%)	130 (0%)	14%
3.1.2	31-75	201 (4%)	185 (4%)	9%	978 (4%)	923 (3%)	6%
3.1.3	76-125	362 (7%)	337 (7%)	7%	1698 (6%)	1621 (6%)	5%
3.1.4	126-225	522 (10%)	527 (11%)	-1%	2500 (9%)	2522 (10%)	-1%
3.1.5	226-400	272 (5%)	319 (6%)	-15%	1743 (6%)	1726 (7%)	1%
3.1.6	>400	120 (2%)	182 (4%)	-34%	1221 (4%)	1276 (5%)	-4%
3.1.7	LT-1	1506 (28%)	1575 (32%)	-4%	8290 (30%)	8198 (31%)	1%
3.1.8	LT-2	297 (6%)	256 (5%)	16%	1580 (6%)	1250 (5%)	26%
3.1.9	LT-3	132 (2%)	133 (3%)	-1%	706 (3%)	672 (3%)	5%
3.1.10	LT-4	137 (3%)	113 (2%)	21%	684 (2%)	589 (2%)	16%
3.1.11	LT-5	1015 (19%)	1067 (21%)	-5%	5943 (21%)	6686 (25%)	-11%
3.1.12	LT-5 A (ii)	710 (13%)	735 (15%)	-3%	4117 (15%)	4917 (19%)	-16%
3.1.13	LT-5 excluding A(ii)	305 (6%)	332 (7%)	-8%	1826 (7%)	1769 (7%)	3%
3.1.14	LT	3088 (58%)	3144 (63%)	-2%	17202 (62%)	17396 (66%)	-1%
3.1.15	HT-1	6 (0%)	5 (0%)	13%	30 (0%)	30 (0%)	1%
3.1.16	HT-2	159 (3%)	126 (3%)	26%	807 (3%)	605 (2%)	33%
3.1.17	HT-3	1754 (33%)	1421 (29%)	23%	8237 (30%)	6955 (26%)	18%
3.1.18	HT-4	239 (4%)	197 (4%)	21%	1165 (4%)	931 (4%)	25%
3.1.19	HT-5	54 (1%)	54 (1%)	0%	138 (0%)	342 (1%)	-60%
3.1.20	Rescos	35 (1%)	34 (1%)	4%	198 (1%)	234 (1%)	-15%
3.1.21	HT	2247 (42%)	1836 (37%)	22%	10575 (38%)	9096 (34%)	16%
3.1.22	Discom Sales	5334	4980	7%	27777	26492	5%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3088	3144	-2%	17180	17372	-1%
3.2.2	11KV	514	462	11%	2533	2387	6%
3.2.3	33KV	576	533	8%	2808	2631	7%
3.2.4	EHT	1157	842	37%	5255	4103	28%
3.1.22	Discom Sales	5334	4980	7%	27776	26493	5%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	22 (1%)	16 (0%)	37%	92 (0%)	79 (1%)	18%
3.3.2	31-75	64 (2%)	41 (1%)	57%	266 (1%)	191 (1%)	39%
3.3.3	76-125	125 (3%)	95 (2%)	32%	529 (3%)	443 (3%)	19%
3.3.4	126-225	223 (5%)	168 (4%)	33%	955 (5%)	778 (5%)	23%
3.3.5	226-400	163 (4%)	171 (4%)	-4%	967 (5%)	889 (6%)	9%
3.3.6	>400	92 (2%)	123 (3%)	-25%	859 (4%)	835 (5%)	3%
3.3.7	LT-1	690 (17%)	613 (16%)	13%	3670 (18%)	3215 (21%)	14%
3.3.8	LT-2	356 (9%)	264 (7%)	35%	1754 (9%)	1306 (8%)	34%
3.3.9	LT-3	123 (3%)	101 (3%)	23%	628 (3%)	532 (3%)	18%
3.3.10	LT-4	89 (2%)	24 (1%)	276%	238 (1%)	142 (1%)	67%
3.3.11	LT-5	541 (13%)	1581 (41%)	-66%	5387 (26%)	4197 (27%)	28%
3.3.12	LT-5 A (ii)	422 (10%)	1517 (40%)	-72%	4433 (22%)	3743 (24%)	18%
3.3.13	LT-5 excluding A(ii)	119 (3%)	65 (2%)	84%	954 (5%)	454 (3%)	110%
3.3.14	LT	1800 (44%)	2583 (68%)	-30%	11676 (57%)	9392 (60%)	24%
3.3.15	HT-1	4 (0%)	5 (0%)	-16%	21 (0%)	23 (0%)	-10%
3.3.16	HT-2	188 (5%)	133 (3%)	41%	884 (4%)	658 (4%)	34%
3.3.17	HT-3	1376 (33%)	974 (25%)	41%	6353 (31%)	4884 (31%)	30%
3.3.18	HT-4	244 (6%)	124 (3%)	98%	891 (4%)	593 (4%)	50%
3.3.19	HT-5	507 (12%)	3 (0%)	17513%	526 (3%)	27 (0%)	1875%

3.3.20	Rescos	1 (0%)	1 (0%)	-1%	106 (1%)	17 (0%)	517%
3.3.21	HT	2320 (56%)	1240 (32%)	87%	8781 (43%)	6203 (40%)	42%
3.3.22	Discom Collections	4121	3823	8%	20457	15595	31%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	29,68,806(16%)	27,16,832(15%)	9%	31,38,515(15%)	30,16,821(15%)	4%
3.4.2	31-75	37,77,950(20%)	35,54,279(20%)	6%	39,95,649(20%)	40,05,346(20%)	0%
3.4.3	76-125	36,65,666(20%)	34,68,612(19%)	6%	37,45,807(18%)	34,68,612(17%)	8%
3.4.4	126-225	31,94,920(17%)	32,15,355(18%)	-1%	31,94,920(16%)	32,15,355(16%)	-1%
3.4.5	226-400	9,61,862(5%)	10,97,594(6%)	-12%	14,34,087(7%)	13,92,536(7%)	3%
3.4.6	>400	2,16,884(1%)	2,88,079(2%)	-25%	7,35,629(4%)	6,56,171(3%)	12%
3.4.7	LT-1	1,47,86,088(79%)	1,43,40,751(79%)	3%	1,62,44,607(80%)	1,57,54,841(79%)	3%
3.4.8	LT-2	16,37,232(9%)	15,31,453(8%)	7%	16,57,327(8%)	15,31,453(8%)	8%
3.4.9	LT-3	81,803(0%)	80,367(0%)	2%	85,071(0%)	80,367(0%)	6%
3.4.10	LT-4	3,44,781(2%)	3,31,605(2%)	4%	3,44,781(2%)	3,31,605(2%)	4%
3.4.11	LT-5	18,51,047(10%)	17,65,596(10%)	5%	19,89,658(10%)	21,12,987(11%)	-6%
3.4.12	LT-5 A (ii)	17,60,952(9%)	16,80,019(9%)	5%	17,75,184(9%)	16,80,019(8%)	6%
3.4.13	LT-5 excluding A(ii)	90,095(0%)	85,577(0%)	5%	2,14,474(1%)	4,32,968(2%)	-50%
3.4.14	LT	1,87,00,951(100%)	1,80,49,772(100%)	4%	2,03,21,444(100%)	1,98,11,253(100%)	3%
3.4.15	HT-1	115(0%)	108(0%)	6%	115(0%)	109(0%)	6%
3.4.16	HT-2	4,679(0%)	4,350(0%)	8%	4,679(0%)	4,474(0%)	5%
3.4.17	HT-3	6,493(0%)	6,147(0%)	6%	6,493(0%)	7,011(0%)	-7%
3.4.18	HT-4	792(0%)	681(0%)	16%	792(0%)	719(0%)	10%
3.4.19	HT-5	718(0%)	706(0%)	2%	719(0%)	752(0%)	-4%
3.4.20	Rescos	1(0%)	82(0%)	-99%	1(0%)	82(0%)	-99%
3.4.21	HT	12,798(0%)	12,074(0%)	6%	12,799(0%)	13,147(0%)	-3%
3.4.22	Discom Bills	1,87,13,749	1,80,61,846	4%	2,03,34,243	1,98,24,400	3%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	7.58	6.71	13%	6.20	6.03	3%
3.5.2	31-75	3.19	2.22	44%	2.72	2.07	31%
3.5.3	76-125	3.46	2.82	23%	3.12	2.74	14%
3.5.4	126-225	4.27	3.18	34%	3.82	3.08	24%
3.5.5	226-400	6.01	5.35	12%	5.55	5.15	8%
3.5.6	>400	7.68	6.73	14%	7.04	6.54	8%
3.5.7	LT-1	4.58	3.89	18%	4.43	3.92	13%
3.5.8	LT-2	11.98	10.32	16%	11.10	10.45	6%
3.5.9	LT-3	9.36	7.54	24%	8.89	7.91	12%
3.5.10	LT-4	6.54	2.10	212%	3.48	2.41	44%
3.5.11	LT-5	5.33	14.82	-64%	9.06	6.28	44%
3.5.12	LT-5 A (ii)	5.94	20.64	-71%	10.77	7.61	41%
3.5.13	LT-5 excluding A(ii)	3.91	1.95	101%	5.22	2.56	104%
3.5.14	LT	5.83	8.22	-29%	6.79	5.40	26%
3.5.15	HT-1	6.99	9.38	-26%	6.98	7.89	-12%
3.5.16	HT-2	11.81	10.59	11%	10.95	10.88	1%
3.5.17	HT-3	7.84	6.86	14%	7.71	7.02	10%
3.5.18	HT-4	10.24	6.28	63%	7.65	6.37	20%
3.5.19	HT-5	93.82	0.53	17458%	38.09	0.78	4795%
3.5.20	Rescos	0.38	0.40	-6%	5.37	0.74	629%
3.5.21	HT	10.33	6.75	53%	8.30	6.82	22%
3.5.22	ARR	7.72	7.68	1%	7.36	5.89	25%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	9	11%	10	9	10%
3.6.2	31-75	53	52	3%	49	46	6%
3.6.3	76-125	99	97	2%	91	93	-3%
3.6.4	126-225	163	164	0%	156	157	0%
3.6.5	226-400	283	291	-3%	243	248	-2%
3.6.6	>400	552	632	-13%	332	389	-15%
3.6.7	LT-1	102	110	-7%	102	104	-2%
3.6.8	LT-2	182	167	9%	191	163	17%
3.6.9	LT-3	1613	1660	-3%	1659	1673	-1%
3.6.10	LT-4	396	341	16%	397	355	12%
3.6.11	LT-5	548	604	-9%	597	633	-6%
3.6.12	LT-5 A (ii)	403	437	-8%	464	585	-21%
3.6.13	LT-5 excluding A(ii)	3385	3881	-13%	1703	817	108%
3.6.14	LT	165	174	-5%	169	176	-4%
3.6.15	HT-1	49652	46667	6%	52157	54235	-4%
3.6.16	HT-2	33930	28862	18%	34491	27061	27%
3.6.17	HT-3	270148	231132	17%	253709	198393	28%
3.6.18	HT-4	301187	289251	4%	294225	258865	14%
3.6.19	HT-5	75306	76346	-1%	38442	91077	-58%
3.6.20	Rescos	35490000	414756	8457%	39538000	569789	6839%
3.6.21	HT	175546	152083	15%	165241	138378	19%
3.6.22	AMC	285	276	3%	273	267	2%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	75	60	25%	59	52	13%
3.7.2	31-75	170	115	48%	133	96	39%
3.7.3	76-125	341	274	25%	283	256	10%
3.7.4	126-225	697	521	34%	598	484	24%
3.7.5	226-400	1697	1556	9%	1349	1277	6%
3.7.6	>400	4241	4255	0%	2337	2544	-8%
3.7.7	LT-1	467	428	9%	452	408	11%
3.7.8	LT-2	2176	1724	26%	2116	1705	24%
3.7.9	LT-3	15096	12513	21%	14752	13237	11%
3.7.10	LT-4	2591	716	262%	1379	858	61%
3.7.11	LT-5	2924	8956	-67%	5415	3973	36%
3.7.12	LT-5 A (ii)	2397	9028	-73%	4994	4456	12%
3.7.13	LT-5 excluding A(ii)	13242	7558	75%	8895	2096	324%
3.7.14	LT	963	1431	-33%	1149	948	21%
3.7.15	HT-1	346957	437963	-21%	363826	428077	-15%
3.7.16	HT-2	400727	305793	31%	377782	294363	28%
3.7.17	HT-3	2118943	1585180	34%	1956729	1393280	40%
3.7.18	HT-4	3085606	1816300	70%	2251187	1649451	36%
3.7.19	HT-5	7064903	40793	-	1464200	70873	1966%
3.7.20	Rescos	13400000	165854	7979%	212300000	419571	-
3.7.21	HT	1813018	1027075	77%	1372179	943605	45%
3.7.22	ACPB	2202	2117	4%	2012	1573	28%

## 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	1784 (30%)	1789 (29%)	0%	2646 (43%)	-33%	9991 (32%)	8698 (30%)	15%	13414 (44%)	-26%
4.1.2	State Hydel	668 (11%)	482 (8%)	39%	440 (7%)	52%	1423 (5%)	1140 (4%)	25%	1161 (4%)	23%
4.1.3	CGS	1143 (19%)	1465 (23%)	-22%	855 (14%)	34%	5782 (19%)	5291 (18%)	9%	3976 (13%)	45%
4.1.4	Gas	32 (1%)	125 (2%)	-75%	0 (0%)	-	187 (1%)	643 (2%)	-71%	160 (1%)	17%
4.1.5	IPPs	422 (7%)	164 (3%)	157%	681 (11%)	-38%	2371 (8%)	754 (3%)	214%	3691 (12%)	-36%
4.1.6	VRE-Wind	1025 (17%)	954 (15%)	7%	961 (16%)	7%	4581 (15%)	4102 (14%)	12%	4321 (14%)	6%
4.1.7	VRE-Solar	467 (8%)	448 (7%)	4%	578 (9%)	-19%	2994 (10%)	2918 (10%)	3%	3146 (10%)	-5%
4.1.8	RE-Others	31 (1%)	18 (0%)	69%	35 (1%)	-11%	143 (0%)	104 (0%)	37%	186 (1%)	-23%
4.1.9	Markets	392 (7%)	804 (13%)	-51%	0 (0%)	-	3467 (11%)	5017 (17%)	-31%	205 (1%)	1588%
4.1.10	Others	0 (0%)	13 (0%)	-	0 (0%)	-	57 (0%)	88 (0%)	-35%	0 (0%)	-
4.1.11	Discom Purchases	5963	6262	-5%	6195	-4%	30995	28755	8%	30261	2%

### 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	900 (32%)	871 (33%)	3%	1241 (47%)	-28%	4967 (31%)	4183 (34%)	19%	6280 (48%)	-21%
4.2.2	State Hydel	52 (2%)	51 (2%)	2%	52 (2%)	0%	262 (2%)	256 (2%)	2%	262 (2%)	0%
4.2.3	CGS	627 (22%)	426 (16%)	47%	315 (12%)	99%	2961 (18%)	1953 (16%)	52%	1484 (11%)	99%
4.2.4	Gas	22 (1%)	30 (1%)	-29%	18 (1%)	21%	116 (1%)	156 (1%)	-26%	127 (1%)	-9%
4.2.5	IPPs	224 (8%)	61 (2%)	270%	253 (10%)	-11%	970 (6%)	291 (2%)	234%	1344 (10%)	-28%
4.2.6	VRE-Wind	483 (17%)	446 (17%)	8%	452 (17%)	7%	2184 (14%)	1924 (16%)	13%	2031 (15%)	8%
4.2.7	VRE-Solar	210 (7%)	198 (8%)	6%	263 (10%)	-20%	1288 (8%)	1258 (10%)	2%	1437 (11%)	-10%
4.2.8	RE-Others	17 (1%)	8 (0%)	111%	20 (1%)	-15%	84 (1%)	54 (0%)	57%	105 (1%)	-20%
4.2.9	Markets	291 (10%)	517 (20%)	-44%	0 (0%)	-	3120 (19%)	2088 (17%)	49%	88 (1%)	3433%
4.2.10	Others	0 (0%)	19 (1%)	-	0 (0%)	-	138 (1%)	80 (1%)	72%	0 (0%)	-
4.2.11	Power Purchase Cost	2824	2626	8%	2613	8%	16090	12243	31%	13158	22%

### 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	294	259	14%	353	-17%	1390	1333	4%	1766	-21%
4.3.2	State Hydel	52	51	2%	52	0%	262	256	2%	262	0%
4.3.3	CGS	122	124	-1%	76	61%	682	575	19%	380	80%
4.3.4	Gas	3	1	114%	18	-83%	10	8	25%	89	-89%
4.3.5	IPPs	88	24	267%	71	24%	325	119	173%	354	-8%
4.3.6	Others	0	19	-100%	0	-100%	138	80	72%	0	-
4.3.7	Fixed Cost	560	478	17%	570	-2%	2807	2371	18%	2850	-1%

#### 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	605	611	-1%	888	-32%	3577	2850	25%	4514	-21%
4.4.2	CGS	504	302	67%	239	111%	2279	1379	65%	1104	106%
4.4.3	Gas	19	29	-36%	0	-	106	148	-29%	38	176%
4.4.4	IPPs	136	37	272%	182	-25%	645	172	276%	990	-35%
4.4.5	VRE-Wind	483	446	8%	452	7%	2184	1924	13%	2031	8%
4.4.6	VRE-Solar	210	198	6%	263	-20%	1288	1258	2%	1437	-10%
4.4.7	RE-Others	16	8	109%	20	-16%	83	50	65%	105	-21%
4.4.8	Markets	291	517	-44%	0	-	3120	2088	49%	88	3433%
4.4.9	Others	0	0	-	0	-	0	0	-	0	-
4.4.10	Variable Cost	2264	2148	5%	2043	11%	13281	9869	35%	10308	29%

#### 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	5.04	4.87	4%	4.69	8%	4.97	4.81	3%	4.68	6%
4.5.2	State Hydel	0.78	1.06	-26%	1.19	-34%	1.84	2.24	-18%	2.25	-18%
4.5.3	CGS	5.48	2.91	88%	3.69	49%	5.12	3.69	39%	3.73	37%
4.5.4	Gas	6.82	2.44	180%	0.00	-	6.18	2.43	154%	7.92	-22%
4.5.5	IPPs	5.30	3.69	44%	3.71	43%	4.09	3.85	6%	3.64	12%
4.5.6	VRE-Wind	4.71	4.68	1%	4.70	0%	4.77	4.69	2%	4.70	1%
4.5.7	VRE-Solar	4.49	4.41	2%	4.54	-1%	4.30	4.31	0%	4.57	-6%
4.5.8	RE-Others	5.35	4.29	25%	5.65	-5%	5.90	5.16	14%	5.65	4%
4.5.9	Markets	7.42	6.43	15%	0.00	-	9.00	4.16	116%	4.30	109%
4.5.10	Others	0.00	14.71	-100%	0.00	-100%	24.34	9.17	165%	0.00	-
4.5.11	Weighted Average	4.74	4.19	13%	4.22	12%	5.19	4.26	22%	4.35	19%

#### 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	1.65	1.45	14%	1.33	24%	1.39	1.53	-9%	1.32	6%
4.6.2	State Hydel	0.78	1.06	-26%	1.19	-34%	1.84	2.24	-18%	2.25	-18%
4.6.3	CGS	1.07	0.85	26%	0.89	20%	1.18	1.09	9%	0.95	24%
4.6.4	Gas	0.96	0.11	747%	0.00	-	0.54	0.13	328%	5.54	-90%
4.6.5	IPPs	2.08	1.46	43%	1.04	100%	1.37	1.58	-13%	0.96	43%
4.6.6	Others	#DIV/0!	14.71	#DIV/0!	0.00	#DIV/0!			-		-
4.6.7	Average FC	0.94	0.76	23%	0.92	2%	0.91	0.83	10%	0.94	-4%

#### 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	3.39	3.42	-1%	3.36	1%	3.58	3.28	9%	3.37	6%
4.7.2	CGS	4.41	2.06	114%	2.80	58%	3.94	2.61	51%	2.78	42%
4.7.3	Gas	5.86	2.33	152%	0.00	-	5.64	2.30	145%	2.39	136%
4.7.4	IPPs	3.22	2.23	45%	2.67	20%	2.72	2.28	20%	2.68	2%
4.7.5	VRE-Wind	4.71	4.68	1%	4.70	0%	4.77	4.69	2%	4.70	1%
4.7.6	VRE-Solar	4.49	4.41	2%	4.54	-1%	4.30	4.31	0%	4.57	-6%
4.7.7	RE-Others	5.35	4.29	25%	5.65	-5%	5.90	5.16	14%	5.65	4%
4.7.8	Markets	7.42	6.43	15%	0.00	-	9.00	4.16	116%	4.30	109%
4.7.9	Others	0.00	14.71	-	0.00	-100%	24.34	9.17	165%	0.00	-
4.7.10	Average VC	3.80	3.43	11%	3.30	15%	4.28	3.43	25%	3.41	26%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1635	1658	-1%	9952	8028	24%
4.8.2	11KV	272	243	12%	1467	1103	33%
4.8.3	33KV	305	281	9%	1627	1216	34%
4.8.4	EHT	612	444	38%	3044	1896	61%
4.2.11	Power Purchase Cost	2824	2626	8%	16090	12243	31%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	644	519	24%	3111	2831	10%
4.9.2	11KV	107	76	41%	459	389	18%
4.9.3	33KV	120	88	37%	509	429	19%
4.9.4	EHT	241	139	74%	952	669	42%
2.20	Network Cost	1113	822	35%	5030	4317	17%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	21	21	-3%	107	109	-2%
4.10.2	11KV	3	3	10%	16	15	5%
4.10.3	33KV	4	4	7%	17	17	5%
4.10.4	EHT	8	6	36%	33	26	27%
2.23	Retail Supply Cost	36	34	6%	173	167	4%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2300	2198	5%	13170	10968	20%
4.11.2	11KV	383	323	19%	1942	1507	29%
4.11.3	33KV	429	372	15%	2153	1661	30%
4.11.4	EHT	862	589	46%	4029	2591	56%
2.24	Cost of Service	3973	3482	14%	21293	16727	27%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	135	65	109%	481	372	29%
4.12.2	11KV	115	153	-25%	640	737	-13%
4.12.3	33KV	164	178	-8%	888	893	-1%
4.12.4	EHT	162	173	-6%	824	818	1%
4.12.5	Loss	577	569	1%	2833	2820	0%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2381	2253	6%	13515	11208	21%
4.13.2	11KV	380	324	17%	1938	1508	29%
4.13.3	33KV	413	359	15%	2083	1603	30%
4.13.4	EHT	799	545	47%	3757	2409	56%
2.24	Cost of Service	3973	3482	14%	21293	16727	27%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.7	7.2	8%	7.9	6.5	22%
4.14.2	11KV	7.4	7.0	5%	7.7	6.3	21%
4.14.3	33KV	7.2	6.7	6%	7.4	6.1	22%
4.14.4	EHT	6.9	6.5	7%	7.1	5.9	22%
2.38	ACS	7.4	7.0	7%	7.7	6.3	21%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
5.1.1	<b>Subsidy</b>	<b>4057</b>	<b>1790</b>	<b>2781</b>	<b>2781</b>	<b>11408</b>
5.1.2	Agriculture Subsidy	3881	1295	2274	2274	9725
5.1.3	Aquaculture Subsidy	175	405	238	238	1056
5.1.4	SC Colonies Subsidy	0	43	129	129	301
5.1.5	ST Thandas Subsidy	0	9	28	28	65
5.1.6	Other Subsidy	0	37	112	112	260
5.1.7	<b>Govt Agencies</b>	<b>586</b>	<b>1454</b>	<b>1223</b>	<b>1223</b>	<b>4485</b>
5.1.8	Panchayats	59	167	426	426	1078
5.1.9	WR Dept	11	563	179	179	931
5.1.10	ULB	79	329	467	467	1343
5.1.11	Other Govt Dept	438	396	150	150	1133
5.1.12	<b>Govt serviced debt</b>	<b>259</b>	<b>88</b>	<b>0</b>	<b>0</b>	<b>347</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>8472</b>	<b>7792</b>	<b>7792</b>	<b>32090</b>
5.1.15	<b>Total</b>	<b>12935</b>	<b>11804</b>	<b>11796</b>	<b>11796</b>	<b>48331</b>
5.1.16	<b>Opex Loans</b>	<b>24</b>	<b>1508</b>	<b>0</b>	<b>0</b>	<b>1532</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>875</b>	<b>419</b>	<b>1513</b>	<b>456</b>	<b>-72%</b>	<b>-55%</b>
5.2.2	Agriculture Subsidy	758	758	419	1513	339	-72%	-45%
5.2.3	Aquaculture Subsidy	79	22	0	0	22	-	-100%
5.2.4	SC Colonies Subsidy	43	48	0	0	48	-	-100%
5.2.5	ST Thandas Subsidy	9	9	0	0	9	-	-100%
5.2.6	Other Subsidy	37	38	0	0	38	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>408</b>	<b>523</b>	<b>823</b>	<b>116</b>	<b>-300</b>	<b>609%</b>	<b>102%</b>
5.2.8	Panchayats	142	192	13	8	179	61%	-91%
5.2.9	WR Dept	60	96	503	1	-407	47135%	744%
5.2.10	ULB	156	57	148	12	-91	1169%	-5%
5.2.11	Other Govt Dept	50	178	159	95	19	67%	218%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>89</b>	<b>0</b>	<b>81</b>	<b>89</b>	<b>-100%</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>2955</b>	<b>2878</b>	<b>2194</b>	<b>77</b>	<b>31%</b>	<b>11%</b>
5.2.15	<b>Total</b>	<b>3932</b>	<b>4443</b>	<b>4121</b>	<b>3904</b>	<b>322</b>	<b>6%</b>	<b>5%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>1508</b>	<b>0</b>	<b>-1508</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>4635</b>	<b>4492</b>	<b>4919</b>	<b>3722</b>	<b>4493</b>	<b>4066</b>	<b>32%</b>	<b>6%</b>
5.3.2	Agriculture Subsidy	2242	3791	3806	4419	3631	1630	1797	22%	17%
5.3.3	Aquaculture Subsidy	1683	397	194	501	91	1377	1181	452%	26%
5.3.4	SC Colonies Subsidy	724	215	227	0	0	951	776	-	-100%
5.3.5	ST Thandas Subsidy	249	46	45	0	0	294	259	-	-100%
5.3.6	Other Subsidy	23	186	219	0	0	242	53	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>9261</b>	<b>2038</b>	<b>2227</b>	<b>1632</b>	<b>603</b>	<b>9856</b>	<b>9282</b>	<b>171%</b>	<b>-20%</b>
5.3.8	Panchayats	3800	711	707	84	66	4423	3966	27%	-88%
5.3.9	WR Dept	4725	298	397	514	9	4608	4751	5691%	72%

5.3.10	ULB	245	779	277	252	51	269	130	392%	-68%
5.3.11	Other Govt Dept	491	250	847	783	478	555	435	64%	213%
5.3.12	<b>Govt serviced debt</b>	0	0	498	347	249	151	0	39%	-
5.3.13	<b>UDAY Receivables</b>	0	0	0	0	0	0	0	-	-
5.3.14	<b>Private Customers Receivables</b>	3565	12987	14369	13908	11270	4025	2928	23%	7%
5.3.15	<b>Total</b>	<b>17747</b>	<b>19660</b>	<b>21585</b>	<b>20807</b>	<b>15844</b>	<b>18525</b>	<b>16275</b>	<b>31%</b>	<b>6%</b>
5.3.16	<b>Opex Loans</b>	0	0	0	1532	5339	1532	0	-71%	-
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>8303</b>	<b>7567</b>	<b>8201</b>	<b>34331</b>
6.1.2	State Thermal	3147	2971	3557	3967	13643
6.1.3	State Hydel	157	157	157	157	628
6.1.4	CGS	1726	1527	931	939	5123
6.1.5	IPPs Gas	76	68	86	85	315
6.1.6	IPPs Thermal	542	708	835	766	2851
6.1.7	VRE- Wind	1033	1553	541	511	3638
6.1.8	VRE- Solar	816	720	710	878	3123
6.1.9	RE-Others	51	51	79	78	259
6.1.10	Market	2573	547	671	821	4612
6.1.11	Other	138	0	0	0	138
6.1.12	Wind @ interim rate	0	403	541	511	1454
6.1.13	Solar @ interim rate	0	247	710	878	1835
6.1.14	<b>CTU Cost</b>	<b>303</b>	<b>238</b>	<b>204</b>	<b>204</b>	<b>949</b>
6.1.15	<b>STU Cost</b>	<b>699</b>	<b>683</b>	<b>741</b>	<b>741</b>	<b>2864</b>
6.1.16	<b>Distribution Cost</b>	<b>2027</b>	<b>2432</b>	<b>2592</b>	<b>2592</b>	<b>9644</b>
6.1.17	O&M Cost	1290	1557	1606	1606	6058
6.1.18	HR Cost	1087	1287	1287	1287	4948
6.1.19	A&G Cost	50	82	99	99	330
6.1.20	R&M Cost	153	188	220	220	781
6.1.21	Depreciation	395	447	382	382	1606
6.1.22	ROCE	76	224	486	486	1271
6.1.23	Others	267	204	119	119	708
6.1.24	<b>Cost of Service</b>	<b>13288</b>	<b>11657</b>	<b>11104</b>	<b>11739</b>	<b>47788</b>
7.1.1	Capex Debt service (P+I)	376	345	236	236	1192
7.1.2	Opex Debt service (P+I)	1556	1296	0	0	2852

### 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>2613</b>	<b>2824</b>	<b>3475</b>	<b>2107</b>	<b>-651</b>	<b>65%</b>	<b>33%</b>
6.2.2	State Thermal	1241	900	1475	905	-575	63%	19%
6.2.3	State Hydel	52	52	59	52	-7	14%	13%
6.2.4	CGS	315	627	726	498	-99	46%	130%
6.2.5	IPPs Gas	18	22	20	32	2	-38%	13%
6.2.6	IPPs Thermal	253	224	195	69	29	183%	-23%
6.2.7	VRE- Wind	452	483	530	4	-47	13150%	17%
6.2.8	VRE- Solar	263	210	163	0	47	-	-38%
6.2.9	RE-Others	20	17	15	0	2	-	-23%
6.2.10	Market	0	291	292	547	-1	-47%	0%
6.2.11	Other	0	0	0	0	0	-	-100%
6.2.12	Wind @ interim rate	452	0	0	0	0	-	-100%
6.2.13	Solar @ interim rate	263	0	0	0	0	-	-100%
6.2.14	<b>CTU Cost</b>	<b>68</b>	<b>78</b>	<b>190</b>	<b>138</b>	<b>-112</b>	<b>38%</b>	<b>179%</b>
6.2.15	<b>STU Cost</b>	<b>247</b>	<b>214</b>	<b>153</b>	<b>172</b>	<b>61</b>	<b>-11%</b>	<b>-38%</b>
6.2.16	<b>Distribution Cost</b>	<b>864</b>	<b>857</b>	<b>662</b>	<b>628</b>	<b>195</b>	<b>6%</b>	<b>-23%</b>
6.2.17	O&M Cost	535	570	610	516	-40	18%	14%
6.2.18	HR Cost	429	478	515	386	-37	33%	20%
6.2.19	A&G Cost	33	33	36	83	-3	-57%	10%
6.2.20	R&M Cost	73	58	58	47	0	25%	-21%
6.2.21	Depreciation	127	175	0	65	0	-100%	-100%
6.2.22	ROCE	162	31	0	0	0	-	-100%
6.2.23	Others	40	82	53	46	29	14%	33%
6.2.24	<b>Cost of Service</b>	<b>3792</b>	<b>3973</b>	<b>4480</b>	<b>3044</b>	<b>-507</b>	<b>47%</b>	<b>18%</b>
7.2.2	Capex Debt service (P+I)	79	128	128	120	0	7%	63%

7.2.1	Opex Debt service (P+I)	0	975	1261	1395	-286	-10%	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>13158</b>	<b>16090</b>	<b>15570</b>	<b>13526</b>	<b>11662</b>	<b>2920</b>	<b>15%</b>	<b>18%</b>
6.3.2	State Thermal	1525	6280	4967	6982	5783	-490	755	21%	11%
6.3.3	State Hydrel	77	262	262	288	273	51	141	6%	10%
6.3.4	CGS	1357	1484	2961	3552	3652	766	53	-3%	139%
6.3.5	IPPs Gas	63	127	116	114	181	65	29	-37%	-10%
6.3.6	IPPs Thermal	559	1344	970	897	366	632	394	145%	-33%
6.3.7	VRE- Wind	5351	2031	2184	670	802	6865	1052	-16%	-67%
6.3.8	VRE- Solar	2053	1437	1288	205	268	3136	496	-24%	-86%
6.3.9	RE-Others	73	105	84	57	70	100	0	-18%	-46%
6.3.10	Market	84	88	3120	2805	2131	399	0	32%	3076%
6.3.11	Other	0	0	138	0	0	138	0	-	-100%
6.3.12	Wind @ interim rate	0	2031	0	0	4	0	0	-100%	-100%
6.3.13	Solar @ interim rate	7	1437	0	1	22	6	0	-96%	-100%
6.3.14	<b>CTU Cost</b>	<b>86</b>	<b>340</b>	<b>473</b>	<b>661</b>	<b>589</b>	<b>-102</b>	<b>0</b>	<b>12%</b>	<b>94%</b>
6.3.15	<b>STU Cost</b>	<b>1995</b>	<b>1235</b>	<b>1136</b>	<b>698</b>	<b>807</b>	<b>2433</b>	<b>187</b>	<b>-14%</b>	<b>-43%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>4321</b>	<b>3595</b>	<b>2654</b>	<b>2878</b>	<b>941</b>	<b>0</b>	<b>-8%</b>	<b>-39%</b>
6.3.17	O&M Cost	0	2676	2312	2347	2377	-35	0	-1%	-12%
6.3.18	HR Cost	0	2145	1945	1974	1967	-30	0	0%	-8%
6.3.19	A&G Cost	0	164	100	108	184	-8	0	-41%	-34%
6.3.20	R&M Cost	0	367	268	265	225	2	0	18%	-28%
6.3.21	Depreciation	0	637	714	0	285	0	0	-100%	-100%
6.3.22	ROCE	0	809	138	0	0	0	0	-	-100%
6.3.23	Others	0	198	431	307	217	124	0	41%	55%
6.3.24	<b>Cost of Service</b>	<b>13223</b>	<b>19054</b>	<b>21293</b>	<b>19583</b>	<b>17800</b>	<b>14933</b>	<b>3107</b>	<b>10%</b>	<b>3%</b>
7.3.1	Capex Debt service (P+I)	0	393	643	677	594	-34	0	14%	72%
7.3.2	Opex Debt service (P+I)	0	0	2852	3470	4733	-618	0	-27%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
7.1.1	ERC allowed-Capex Debt	376	345	236	236	1192
7.1.2	ERC disallowable-Opex Debt	1556	1296	0	0	2852
7.1.3	<b>Debt Servicing</b>	1932	1641	236	236	4044

### 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	128	128	120	0	7%	63%
7.2.2	ERC disallowable-Opex Debt	0	975	1261	1395	-286	-10%	0%
7.2.3	<b>Debt Servicing</b>	79	1103	1389	1515	-286	-8%	1668%

### 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	393	643	677	594	-34	0	14%	72%
7.3.2	ERC disallowable-Opex Debt	0	0	2852	3470	4733	-618	178	-27%	0%
7.3.3	<b>Debt Servicing</b>	0	393	3494	4147	5327	-652	178	-22%	956%

### 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	5821	5273	10%	6040	5831	4%	11860	11104	7%
7.4.2	PFC	612	681	-10%	5569	5123	9%	6182	5804	7%
7.4.3	APPFCL	0	0	-	11628	11667	0%	11628	11667	0%
7.4.4	BANKS	1429	1532	-7%	1274	1395	-9%	2703	2927	-8%
7.4.5	IREDA	0	0	-	471	874	-46%	471	874	-46%
7.4.6	ICD	0	0	-	1072	784	37%	1072	784	37%
7.4.7	PTC	0	0	-	79	109	-28%	79	109	-28%
7.4.8	GOAP	9	9	0%	0	0	-	9	9	0%
7.4.9	OTHERS	1116	690	62%	4690	4087	15%	5807	4776	22%
7.4.10	<b>Debt Outstanding</b>	<b>8988</b>	<b>8184</b>	<b>10%</b>	<b>30824</b>	<b>29870</b>	<b>3%</b>	<b>39811</b>	<b>38055</b>	<b>5%</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