

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators September - 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	4774 (87%)	4443 (84%)	7%	28434 (85%)	26018 (82%)	9%
3.1.12	AgI Consumption	MU	726 (13%)	872 (16%)	-17%	4843 (15%)	5789 (18%)	-16%
3.1.22	Discom Sales	MU	5500	5315	3%	33276	31807	5%
1.02	Private Sales	MU	4430 (81%)	4158 (78%)	7%	28249 (85%)	25931 (82%)	9%
1.03	Government Sales	MU	469 (9%)	466 (9%)	0%	2071 (6%)	2044 (6%)	1%
1.04	Government Subsidy	MU	601 (11%)	690 (13%)	-13%	2956 (9%)	3832 (12%)	-23%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	13716	11775	16%	12699	10523	21%
5.2.14	Pvt Sales	Rs Cr	2947	2496	18%	16855	13767	22%
5.2.7	Gov Sales	Rs Cr	367	131	179%	1999	735	172%
5.2.1	Gov Subsidy	Rs Cr	203	500	-59%	5122	4221	21%
1.06	Others	Rs Cr	156	80	96%	503	329	53%
5.2.15	Discom Collections	Rs Cr	3673	3208	15%	24480	19052	28%
1.07	Metered Sales	Rs Cr	3308	2622	26%	19333	14474	34%
3.3.12	AgI Consumption	Rs Cr	208	505	-59%	4641	4249	9%
1.08	Revenue from Sale	Rs Cr	4008	2841	41%	23621	19922	19%
1.09	Adj Revenue from Sale	Rs Cr	3318	2672	24%	23913	19928	20%
1.10	Closing Debtors	Rs Cr	13960	12597	11%	13960	12597	11%
1.11	Adj Closing Debtors	Rs Cr	13960	12597	11%	13960	12597	11%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	6.39	5.88	9%	7.20	5.89	22%
3.6.22	AMC	kWh/bill/Mth	293	283	3%	272	260	5%
3.7.22	ACPB	Rs/bill/Mth	1874	1668	12%	1962	1528	28%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	5500 (87%)	5315 (97%)	3%	33276 (89%)	31807 (93%)	5%
2.01	Discom Losses	MU	409 (6%)	362 (7%)	13%	2418 (6%)	2364 (7%)	2%
2.02	Discom Input	MU	5730 (91%)	5389 (98%)	6%	34711 (93%)	33178 (97%)	5%
2.03	Transmission Loss	MU	150 (2%)	147 (3%)	2%	974 (3%)	964 (3%)	1%
4.1.11	Discom Purchases	MU	6302	5489	15%	37298	34244	9%
4.2.11	Power Purchase Cost	Rs. Cr	2961 (74%)	2457 (73%)	21%	19051 (75%)	14700 (73%)	30%
<b>Contracted Network Capacity (MW)</b>								
2.04	STU	MW	13877	12843	8%	13877	12843	8%
2.05	CTU	MW	1820	1660	10%	1820	1674	9%
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	4%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.6	2.8	29%	4.9	3.5	41%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	5.5	5.5	0%	5.5	5.3	4%
<b>Network Cost (Rs. Cr)</b>								
2.10	STU Cost	Rs Cr	238 (6%)	203 (6%)	17%	1373 (5%)	1223 (6%)	12%
2.11	CTU Cost	Rs Cr	66 (2%)	47 (1%)	40%	539 (2%)	352 (2%)	53%
2.12	Distribution Network Cost	Rs Cr	683 (17%)	620 (18%)	10%	4105 (16%)	3613 (18%)	14%
2.13	O&M Cost	Rs Cr	451	406	11%	2763	2431	14%
2.14	HR Cost	Rs Cr	391	353	11%	2336	2060	13%
2.15	A&G Cost	Rs Cr	13	17	-20%	113	101	12%
2.16	R & M Cost	Rs Cr	47	37	27%	314	271	16%
2.17	Depreciation	Rs Cr	143	129	11%	858	784	9%
2.18	ROCE	Rs Cr	35	22	57%	173	134	29%
2.19	Others	Rs Cr	54	62	-13%	312	264	18%
2.20	Network Cost	Rs Cr	987 (25%)	870 (26%)	13%	6017 (24%)	5188 (26%)	16%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.21	B&C Cost and Supply Margin	Rs Cr	16	14	21%	91	90	1%
2.22	Interest on Security Deposits	Rs Cr	19	18	8%	118	108	9%
2.23	Retail Supply Cost	Rs Cr	36 (1%)	32 (1%)	13%	209 (1%)	199 (1%)	5%
<b>Cost of Service (Rs. Cr)</b>								
2.24	Cost of Service	Rs Cr	3984	3359	19%	25277	20086	26%
7.2.2	ERC Disallowed Debt	Rs Cr	1246	126	886%	4716	4859	-3%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.70	4.48	5%	5.11	4.29	19%
2.25	STU Cost per Unit	Rs/kWh	0.38	0.37	2%	0.37	0.36	3%
2.26	CTU Cost per Unit	Rs/kWh	0.10	0.09	22%	0.14	0.10	41%
2.27	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.57	0.49	15%	0.78	0.56	38%
2.28	Distribution Network Cost per Unit	Rs/kWh	1.08	1.13	-4%	1.10	1.06	4%
2.29	Network Cost per Unit	Rs/kWh	1.57	1.42	10%	1.61	1.51	6%
2.30	Retail Supply Cost per Unit	Rs/kWh	0.06	0.06	-1%	0.06	0.06	-3%
2.31	Cost of Service per Unit	Rs/kWh	6.32	6.12	3%	6.78	5.87	16%
<b>KPIs on Sales basis</b>								
2.32	Energy Cost on Sales Basis	Rs/kWh	5.38	4.62	16%	5.73	4.62	24%
2.33	STU Cost per Unit	Rs/kWh	0.43	0.22	100%	0.41	0.38	7%
2.34	CTU Cost per Unit	Rs/kWh	0.12	0.09	35%	0.16	0.11	46%
2.35	Distribution Network Cost per Unit	Rs/kWh	1.24	1.17	7%	1.23	1.14	9%
2.36	Network Cost per Unit	Rs/kWh	1.79	1.64	10%	1.81	1.63	11%

2.37	Retail Supply Cost per Unit	Rs/kWh	0.07	0.06	10%		0.06	0.06	1%
2.38	ACS	Rs/kWh	7.24	6.32	15%		7.60	6.32	20%
2.39	ERC Disallowed Debt per Unit	Rs/kWh	2.27	0.24	853%		1.42	1.53	-7%
<b>AT&amp;C Losses</b>									
2.40	Collection $\eta$	%	77%	65%	18%		96%	90%	7%
2.41	Units Realized	MU	4084	3282	24%		30986	27652	12%
2.42	Units Unrealized	MU	1646	2107	-22%		3725	5526	-33%
2.43	AT&C Losses	%	29%	39%	-27%		11%	17%	-36%
<b>ARR-ACS GAP</b>									
2.44	GAP	Rs/kWh	-0.85	-0.44	96%		-0.39	-0.43	-9%

### 3. Sales by Categories

#### 3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	28 (1%)	26 (0%)	7%	177 (1%)	156 (0%)	13%
3.1.2	31-75	198 (4%)	186 (3%)	7%	1176 (4%)	1109 (3%)	6%
3.1.3	76-125	360 (7%)	346 (7%)	4%	2058 (6%)	1967 (6%)	5%
3.1.4	126-225	529 (10%)	562 (11%)	-6%	3029 (9%)	3085 (10%)	-2%
3.1.5	226-400	311 (6%)	314 (6%)	-1%	2055 (6%)	2040 (6%)	1%
3.1.6	>400	154 (3%)	156 (3%)	-1%	1375 (4%)	1432 (5%)	-4%
3.1.7	LT-1	1580 (29%)	1590 (30%)	-1%	9869 (30%)	9788 (31%)	1%
3.1.8	LT-2	305 (6%)	276 (5%)	10%	1885 (6%)	1526 (5%)	24%
3.1.9	LT-3	129 (2%)	131 (2%)	-2%	834 (3%)	804 (3%)	4%
3.1.10	LT-4	140 (3%)	120 (2%)	16%	823 (2%)	709 (2%)	16%
3.1.11	LT-5	1055 (19%)	1218 (23%)	-13%	6998 (21%)	7904 (25%)	-11%
3.1.12	LT-5 A (ii)	726 (13%)	872 (16%)	-17%	4843 (15%)	5789 (18%)	-16%
3.1.13	LT-5 excluding A(ii)	329 (6%)	346 (7%)	-5%	2156 (6%)	2115 (7%)	2%
3.1.14	LT	3208 (58%)	3335 (63%)	-4%	20410 (61%)	20730 (65%)	-2%
3.1.15	HT-1	6 (0%)	6 (0%)	-2%	36 (0%)	35 (0%)	1%
3.1.16	HT-2	158 (3%)	131 (2%)	20%	965 (3%)	737 (2%)	31%
3.1.17	HT-3	1700 (31%)	1416 (27%)	20%	9937 (30%)	8370 (26%)	19%
3.1.18	HT-4	241 (4%)	199 (4%)	21%	1406 (4%)	1130 (4%)	24%
3.1.19	HT-5	151 (3%)	184 (3%)	-18%	289 (1%)	527 (2%)	-45%
3.1.20	Rescos	36 (1%)	44 (1%)	-17%	234 (1%)	277 (1%)	-16%
3.1.21	HT	2291 (42%)	1980 (37%)	16%	12866 (39%)	11076 (35%)	16%
3.1.22	Discom Sales	5500	5315	3%	33276	31807	5%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3188	3335	-4%	20368	20707	-2%
3.2.2	11KV	498	470	6%	3031	2857	6%
3.2.3	33KV	554	554	0%	3362	3185	6%
3.2.4	EHT	1260	956	32%	6515	5059	29%
3.1.22	Discom Sales	5500	5315	3%	33276	31807	5%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	24 (1%)	19 (1%)	28%	116 (0%)	97 (1%)	20%
3.3.2	31-75	66 (2%)	54 (2%)	22%	332 (1%)	245 (1%)	35%
3.3.3	76-125	126 (4%)	121 (4%)	5%	655 (3%)	564 (3%)	16%
3.3.4	126-225	221 (6%)	214 (7%)	3%	1176 (5%)	992 (5%)	19%
3.3.5	226-400	177 (5%)	187 (6%)	-5%	1145 (5%)	1076 (6%)	6%
3.3.6	>400	111 (3%)	117 (4%)	-5%	971 (4%)	951 (5%)	2%
3.3.7	LT-1	725 (21%)	711 (23%)	2%	4395 (18%)	3926 (21%)	12%
3.3.8	LT-2	360 (10%)	306 (10%)	18%	2114 (9%)	1612 (9%)	31%
3.3.9	LT-3	122 (3%)	118 (4%)	3%	749 (3%)	650 (3%)	15%
3.3.10	LT-4	45 (1%)	22 (1%)	102%	283 (1%)	165 (1%)	72%
3.3.11	LT-5	327 (9%)	589 (19%)	-45%	5714 (24%)	4785 (26%)	19%
3.3.12	LT-5 A (ii)	208 (6%)	505 (16%)	-59%	4641 (19%)	4249 (23%)	9%
3.3.13	LT-5 excluding A(ii)	119 (3%)	83 (3%)	43%	1073 (4%)	537 (3%)	100%
3.3.14	LT	1578 (45%)	1746 (56%)	-10%	13254 (55%)	11138 (59%)	19%
3.3.15	HT-1	4 (0%)	5 (0%)	-8%	25 (0%)	28 (0%)	-10%
3.3.16	HT-2	199 (6%)	149 (5%)	34%	1083 (5%)	808 (4%)	34%
3.3.17	HT-3	1357 (39%)	1085 (35%)	25%	7710 (32%)	5969 (32%)	29%
3.3.18	HT-4	163 (5%)	140 (4%)	16%	1054 (4%)	733 (4%)	44%
3.3.19	HT-5	146 (4%)	3 (0%)	4085%	672 (3%)	30 (0%)	2131%

3.3.20	Rescos	69 (2%)	0 (0%)	-	175 (1%)	17 (0%)	916%
3.3.21	HT	1938 (55%)	1382 (44%)	40%	10719 (45%)	7584 (41%)	41%
3.3.22	Discom Collections	3516	3128	12%	23973	18722	28%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	28,70,021(15%)	35,27,008(19%)	-19%	31,38,515(15%)	35,27,008(17%)	-11%
3.4.2	31-75	37,11,226(20%)	34,87,343(19%)	6%	39,95,649(20%)	40,05,346(20%)	0%
3.4.3	76-125	36,38,739(19%)	35,10,732(19%)	4%	37,45,807(18%)	35,10,732(17%)	7%
3.4.4	126-225	32,28,993(17%)	32,61,378(17%)	-1%	32,28,993(16%)	32,61,378(16%)	-1%
3.4.5	226-400	10,86,646(6%)	10,44,114(6%)	4%	14,34,087(7%)	13,92,536(7%)	3%
3.4.6	>400	2,79,547(1%)	2,61,977(1%)	7%	7,35,629(4%)	6,56,171(3%)	12%
3.4.7	LT-1	1,48,15,172(79%)	1,50,92,552(80%)	-2%	1,62,78,680(80%)	1,63,53,171(80%)	0%
3.4.8	LT-2	16,43,721(9%)	15,21,672(8%)	8%	16,57,327(8%)	15,31,453(7%)	8%
3.4.9	LT-3	81,753(0%)	79,271(0%)	3%	85,071(0%)	80,367(0%)	6%
3.4.10	LT-4	3,45,560(2%)	3,26,942(2%)	6%	3,45,560(2%)	3,31,605(2%)	4%
3.4.11	LT-5	18,63,488(10%)	17,18,407(9%)	8%	19,89,658(10%)	21,12,987(10%)	-6%
3.4.12	LT-5 A (ii)	17,70,496(9%)	16,32,010(9%)	8%	17,75,184(9%)	16,80,019(8%)	6%
3.4.13	LT-5 excluding A(ii)	92,992(0%)	86,397(0%)	8%	2,14,474(1%)	4,32,968(2%)	-50%
3.4.14	LT	1,87,49,694(100%)	1,87,38,844(100%)	0%	2,03,56,296(100%)	2,04,09,583(100%)	0%
3.4.15	HT-1	116(0%)	110(0%)	5%	116(0%)	110(0%)	5%
3.4.16	HT-2	4,723(0%)	4,377(0%)	8%	4,723(0%)	4,474(0%)	6%
3.4.17	HT-3	6,505(0%)	6,254(0%)	4%	6,505(0%)	7,011(0%)	-7%
3.4.18	HT-4	797(0%)	620(0%)	29%	797(0%)	719(0%)	11%
3.4.19	HT-5	718(0%)	710(0%)	1%	719(0%)	752(0%)	-4%
3.4.20	Rescos	1(0%)	82(0%)	-99%	1(0%)	82(0%)	-99%
3.4.21	HT	12,860(0%)	12,153(0%)	6%	12,861(0%)	13,148(0%)	-2%
3.4.22	Discom Bills	1,87,62,554	1,87,50,997	0%	2,03,69,157	2,04,22,731	0%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	8.59	7.23	19%	6.58	6.23	6%
3.5.2	31-75	3.31	2.90	14%	2.82	2.21	27%
3.5.3	76-125	3.50	3.48	1%	3.18	2.87	11%
3.5.4	126-225	4.18	3.80	10%	3.88	3.22	21%
3.5.5	226-400	5.70	5.97	-5%	5.57	5.27	6%
3.5.6	>400	7.23	7.47	-3%	7.06	6.64	6%
3.5.7	LT-1	4.59	4.47	3%	4.45	4.01	11%
3.5.8	LT-2	11.80	11.10	6%	11.21	10.56	6%
3.5.9	LT-3	9.45	9.01	5%	8.98	8.09	11%
3.5.10	LT-4	3.23	1.85	74%	3.43	2.32	48%
3.5.11	LT-5	3.09	4.83	-36%	8.16	6.05	35%
3.5.12	LT-5 A (ii)	2.86	5.80	-51%	9.58	7.34	31%
3.5.13	LT-5 excluding A(ii)	3.61	2.40	50%	4.98	2.54	96%
3.5.14	LT	4.92	5.24	-6%	6.49	5.37	21%
3.5.15	HT-1	7.56	8.02	-6%	7.07	7.91	-11%
3.5.16	HT-2	12.63	11.35	11%	11.23	10.96	2%
3.5.17	HT-3	7.98	7.66	4%	7.76	7.13	9%
3.5.18	HT-4	6.74	7.02	-4%	7.49	6.49	16%
3.5.19	HT-5	9.67	0.19	5018%	23.27	0.57	3967%
3.5.20	Rescos	19.02	0.00	-	7.48	0.62	1106%
3.5.21	HT	8.46	6.98	21%	8.33	6.85	22%
3.5.22	ARR	6.39	5.88	9%	7.20	5.89	22%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	7	32%	9	7	27%
3.6.2	31-75	53	53	0%	49	46	6%
3.6.3	76-125	99	99	0%	92	93	-2%
3.6.4	126-225	164	172	-5%	156	158	-1%
3.6.5	226-400	286	300	-5%	239	244	-2%
3.6.6	>400	551	596	-8%	312	364	-14%
3.6.7	LT-1	107	105	1%	101	100	1%
3.6.8	LT-2	185	181	2%	190	166	14%
3.6.9	LT-3	1574	1656	-5%	1634	1666	-2%
3.6.10	LT-4	404	368	10%	397	357	11%
3.6.11	LT-5	566	709	-20%	586	623	-6%
3.6.12	LT-5 A (ii)	410	534	-23%	455	574	-21%
3.6.13	LT-5 excluding A(ii)	3543	4003	-11%	1675	814	106%
3.6.14	LT	171	178	-4%	167	169	-1%
3.6.15	HT-1	47699	51455	-7%	51039	53361	-4%
3.6.16	HT-2	33435	30032	11%	34047	27448	24%
3.6.17	HT-3	261350	226377	15%	254593	198984	28%
3.6.18	HT-4	302595	321032	-6%	294082	261859	12%
3.6.19	HT-5	209826	259479	-19%	66958	116729	-43%
3.6.20	Rescos	36112168	533293	6672%	38967028	563706	6813%
3.6.21	HT	178185	162912	9%	166732	140404	19%
3.6.22	AMC	293	283	3%	272	260	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	53	57%	62	46	34%
3.7.2	31-75	177	155	14%	138	102	36%
3.7.3	76-125	346	343	1%	292	268	9%
3.7.4	126-225	684	656	4%	607	507	20%
3.7.5	226-400	1631	1792	-9%	1330	1288	3%
3.7.6	>400	3984	4456	-11%	2199	2416	-9%
3.7.7	LT-1	489	471	4%	450	400	12%
3.7.8	LT-2	2189	2012	9%	2126	1754	21%
3.7.9	LT-3	14871	14912	0%	14675	13482	9%
3.7.10	LT-4	1305	681	91%	1364	827	65%
3.7.11	LT-5	1753	3425	-49%	4786	3775	27%
3.7.12	LT-5 A (ii)	1172	3097	-62%	4357	4215	3%
3.7.13	LT-5 excluding A(ii)	12803	9623	33%	8338	2066	303%
3.7.14	LT	842	932	-10%	1085	910	19%
3.7.15	HT-1	360430	412727	-13%	360646	422276	-15%
3.7.16	HT-2	422382	340781	24%	382282	300868	27%
3.7.17	HT-3	2086554	1734362	20%	1975358	1418916	39%
3.7.18	HT-4	2039224	2253710	-10%	2204091	1698442	30%
3.7.19	HT-5	2028437	49014	4038%	1557769	66774	2233%
3.7.20	Rescos	686780379	0	-	291380063	349642	-
3.7.21	HT	1506859	1136822	33%	1389094	961410	44%
3.7.22	ACPB	1874	1668	12%	1962	1528	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	1873 (30%)	1531 (28%)	22%	2398 (41%)	-22%	11864 (32%)	10229 (30%)	16%	15812 (44%)	-25%
4.1.2	State Hydel	658 (10%)	459 (8%)	43%	450 (8%)	46%	2081 (6%)	1599 (5%)	30%	1611 (4%)	29%
4.1.3	CGS	1156 (18%)	955 (17%)	21%	763 (13%)	51%	6938 (19%)	6246 (18%)	11%	4739 (13%)	46%
4.1.4	Gas	37 (1%)	103 (2%)	-64%	45 (1%)	-17%	225 (1%)	746 (2%)	-70%	205 (1%)	10%
4.1.5	IPPs	508 (8%)	135 (2%)	275%	780 (13%)	-35%	2879 (8%)	890 (3%)	224%	4471 (12%)	-36%
4.1.6	VRE-Wind	873 (14%)	912 (17%)	-4%	857 (15%)	2%	5454 (15%)	5013 (15%)	9%	5178 (14%)	5%
4.1.7	VRE-Solar	606 (10%)	590 (11%)	3%	545 (9%)	11%	3599 (10%)	3508 (10%)	3%	3691 (10%)	-2%
4.1.8	RE-Others	43 (1%)	15 (0%)	188%	32 (1%)	33%	185 (0%)	119 (0%)	56%	218 (1%)	-15%
4.1.9	Markets	547 (9%)	780 (14%)	-30%	0 (0%)	-	4014 (11%)	5796 (17%)	-31%	205 (1%)	1855%
4.1.10	Others	1 (0%)	9 (0%)	-85%	0 (0%)	-	58 (0%)	97 (0%)	-40%	0 (0%)	-
4.1.11	Discom Purchases	6302	5489	15%	5869	7%	37298	34244	9%	36130	3%

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

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.2.1	State Thermal	886 (30%)	774 (32%)	15%	1152 (47%)	-23%	5853 (31%)	4957 (34%)	18%	7431 (48%)	-21%
4.2.2	State Hydel	52 (2%)	51 (2%)	2%	52 (2%)	0%	314 (2%)	307 (2%)	2%	314 (2%)	0%
4.2.3	CGS	666 (22%)	396 (16%)	68%	292 (12%)	128%	3626 (19%)	2350 (16%)	54%	1777 (11%)	104%
4.2.4	Gas	26 (1%)	25 (1%)	4%	28 (1%)	-8%	142 (1%)	181 (1%)	-22%	155 (1%)	-9%
4.2.5	IPPs	213 (7%)	53 (2%)	306%	280 (11%)	-24%	1183 (6%)	343 (2%)	245%	1624 (10%)	-27%
4.2.6	VRE-Wind	410 (14%)	442 (18%)	-7%	403 (16%)	2%	2594 (14%)	2366 (16%)	10%	2434 (16%)	7%
4.2.7	VRE-Solar	277 (9%)	254 (10%)	9%	247 (10%)	12%	1565 (8%)	1512 (10%)	4%	1684 (11%)	-7%
4.2.8	RE-Others	21 (1%)	6 (0%)	247%	18 (1%)	17%	105 (1%)	60 (0%)	77%	123 (1%)	-14%
4.2.9	Markets	396 (13%)	446 (18%)	-11%	0 (0%)	-	3516 (18%)	2534 (17%)	39%	88 (1%)	3881%
4.2.10	Others	13 (0%)	10 (0%)	33%	0 (0%)	-	151 (1%)	90 (1%)	68%	0 (0%)	-
4.2.11	Power Purchase Cost	2961	2457	21%	2473	20%	19051	14700	30%	15631	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	247	255	-3%	353	-30%	1637	1587	3%	2119	-23%
4.3.2	State Hydel	52	51	2%	52	0%	314	307	2%	314	0%
4.3.3	CGS	135	129	5%	76	78%	817	703	16%	456	79%
4.3.4	Gas	5	1	287%	18	-72%	15	9	61%	107	-86%
4.3.5	IPPs	78	23	243%	71	10%	403	142	185%	425	-5%
4.3.6	Others	13	10	33%	0	-	151	90	68%	0	-
4.3.7	Fixed Cost	531	468	13%	570	-7%	3338	2839	18%	3420	-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	639	519	23%	799	-20%	4216	3370	25%	5313	-21%
4.4.2	CGS	530	268	98%	216	145%	2809	1646	71%	1321	113%
4.4.3	Gas	21	24	-12%	11	98%	127	172	-26%	49	159%
4.4.4	IPPs	135	30	354%	209	-35%	780	201	287%	1199	-35%
4.4.5	VRE-Wind	410	442	-7%	403	2%	2594	2366	10%	2434	7%
4.4.6	VRE-Solar	277	254	9%	247	12%	1565	1512	4%	1684	-7%
4.4.7	RE-Others	21	6	240%	18	15%	104	56	84%	123	-16%
4.4.8	Markets	395	446	-11%	0	-	3515	2534	39%	88	3881%
4.4.9	Others	0	0	-	0	-	0	0	-	0	-
4.4.10	Variable Cost	2429	1989	22%	1903	28%	15710	11857	32%	12211	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	4.73	5.06	-6%	4.80	-1%	4.93	4.85	2%	4.70	5%
4.5.2	State Hydel	0.80	1.11	-29%	1.16	-32%	1.51	1.92	-21%	1.95	-23%
4.5.3	CGS	5.76	4.15	39%	3.83	50%	5.23	3.76	39%	3.75	39%
4.5.4	Gas	7.02	2.45	186%	6.37	10%	6.32	2.43	160%	7.58	-17%
4.5.5	IPPs	4.19	3.88	8%	3.59	17%	4.11	3.86	7%	3.63	13%
4.5.6	VRE-Wind	4.70	4.85	-3%	4.70	0%	4.76	4.72	1%	4.70	1%
4.5.7	VRE-Solar	4.58	4.30	6%	4.54	1%	4.35	4.31	1%	4.56	-5%
4.5.8	RE-Others	4.99	4.15	20%	5.65	-12%	5.69	5.03	13%	5.65	1%
4.5.9	Markets	7.23	5.72	26%	0.00	-	8.76	4.37	100%	4.30	104%
4.5.10	Others	96.64	10.57	815%	0.00	-	26.00	9.31	179%	0.00	-
4.5.11	Weighted Average	4.70	4.48	5%	4.21	11%	5.11	4.29	19%	4.33	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	1.32	1.66	-21%	1.47	-10%	1.38	1.55	-11%	1.34	3%
4.6.2	State Hydel	0.80	1.11	-29%	1.16	-32%	1.51	1.92	-21%	1.95	-23%
4.6.3	CGS	1.17	1.35	-13%	0.99	17%	1.18	1.13	5%	0.96	23%
4.6.4	Gas	1.36	0.13	969%	3.98	-66%	0.67	0.13	435%	5.20	-87%
4.6.5	IPPs	1.54	1.68	-9%	0.91	69%	1.40	1.59	-12%	0.95	47%
4.6.6	Others	96.64	10.57	815%	0.00	-			-		-
4.6.7	Average FC	0.84	0.85	-1%	0.97	-13%	0.90	0.83	8%	0.95	-5%

#### 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	3.41	3.39	1%	3.33	2%	3.55	3.29	8%	3.36	6%
4.7.2	CGS	4.59	2.80	64%	2.84	62%	4.05	2.64	54%	2.79	45%
4.7.3	Gas	5.67	2.33	143%	2.39	137%	5.64	2.31	145%	2.39	136%
4.7.4	IPPs	2.66	2.20	21%	2.69	-1%	2.71	2.26	20%	2.68	1%
4.7.5	VRE-Wind	4.70	4.85	-3%	4.70	0%	4.76	4.72	1%	4.70	1%
4.7.6	VRE-Solar	4.58	4.30	6%	4.54	1%	4.35	4.31	1%	4.56	-5%
4.7.7	RE-Others	4.99	4.15	20%	5.65	-12%	5.69	5.03	13%	5.65	1%
4.7.8	Markets	7.23	5.72	26%	0.00	-	8.76	4.37	100%	4.30	104%
4.7.9	Others	96.64	10.57	815%	0.00	-	26.00	9.31	179%	0.00	-
4.7.10	Average VC	3.85	3.62	6%	3.24	19%	4.21	3.46	22%	3.38	25%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1716	1542	11%	11661	9570	22%
4.8.2	11KV	268	217	23%	1735	1320	31%
4.8.3	33KV	298	256	17%	1925	1472	31%
4.8.4	EHT	678	442	53%	3730	2338	60%
4.2.11	Power Purchase Cost	2961	2457	21%	19051	14700	30%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	572	546	5%	3683	3377	9%
4.9.2	11KV	89	77	16%	548	466	18%
4.9.3	33KV	99	91	10%	608	519	17%
4.9.4	EHT	226	157	44%	1178	825	43%
2.20	Network Cost	987	870	13%	6017	5188	16%

#### 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	20	5%	128	129	-1%
4.10.2	11KV	3	3	16%	19	18	7%
4.10.3	33KV	4	3	10%	21	20	6%
4.10.4	EHT	8	6	44%	41	32	29%
2.23	Retail Supply Cost	36	32	13%	209	199	5%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2309	2108	10%	15472	13076	18%
4.11.2	11KV	361	297	21%	2302	1804	28%
4.11.3	33KV	401	350	15%	2554	2011	27%
4.11.4	EHT	913	604	51%	4949	3195	55%
2.24	Cost of Service	3984	3359	19%	25277	20086	26%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	127	77	66%	608	449	36%
4.12.2	11KV	161	97	67%	802	834	-4%
4.12.3	33KV	121	189	-36%	1009	1082	-7%
4.12.4	EHT	150	147	2%	974	964	1%
4.12.5	Loss	559	509	10%	3392	3329	2%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2392	2155	11%	15900	13364	19%
4.13.2	11KV	359	297	21%	2297	1805	27%
4.13.3	33KV	384	341	12%	2466	1944	27%
4.13.4	EHT	849	566	50%	4614	2974	55%
2.24	Cost of Service	3984	3359	19%	25277	20086	26%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.5	6.5	16%	7.8	6.5	21%
4.14.2	11KV	7.2	6.3	14%	7.6	6.3	20%
4.14.3	33KV	6.9	6.2	12%	7.3	6.1	20%
4.14.4	EHT	6.7	5.9	14%	7.1	5.9	20%
2.38	ACS	7.2	6.3	15%	7.6	6.3	20%

## 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>2781</b>	<b>2781</b>	<b>10684</b>
5.1.2	Agriculture Subsidy	3881	740	2274	2274	9170
5.1.3	Aquaculture Subsidy	175	325	238	238	977
5.1.4	SC Colonies Subsidy	0	0	129	129	258
5.1.5	ST Thandas Subsidy	0	0	28	28	55
5.1.6	Other Subsidy	0	0	112	112	223
5.1.7	<b>Govt Agencies</b>	<b>586</b>	<b>1413</b>	<b>1223</b>	<b>1223</b>	<b>4444</b>
5.1.8	Panchayats	59	37	426	426	948
5.1.9	WR Dept	11	648	179	179	1016
5.1.10	ULB	79	200	467	467	1215
5.1.11	Other Govt Dept	438	527	150	150	1265
5.1.12	<b>Govt serviced debt</b>	<b>259</b>	<b>245</b>	<b>0</b>	<b>0</b>	<b>503</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>7792</b>	<b>7792</b>	<b>32440</b>
5.1.15	<b>Total</b>	<b>12935</b>	<b>11545</b>	<b>11796</b>	<b>11796</b>	<b>48072</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>870</b>	<b>203</b>	<b>500</b>	<b>667</b>	<b>-59%</b>	<b>-78%</b>
5.2.2	Agriculture Subsidy	758	758	203	500	555	-59%	-73%
5.2.3	Aquaculture Subsidy	79	18	0	0	18	-	-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	37	0	0	37	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>408</b>	<b>501</b>	<b>367</b>	<b>131</b>	<b>134</b>	<b>179%</b>	<b>-10%</b>
5.2.8	Panchayats	142	132	12	9	120	33%	-91%
5.2.9	WR Dept	60	167	145	0	22	175451%	144%
5.2.10	ULB	156	56	28	12	28	126%	-82%
5.2.11	Other Govt Dept	50	146	182	110	-35	65%	263%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>156</b>	<b>156</b>	<b>80</b>	<b>0</b>	<b>96%</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>3092</b>	<b>2947</b>	<b>2496</b>	<b>145</b>	<b>18%</b>	<b>13%</b>
5.2.15	<b>Total</b>	<b>3932</b>	<b>4619</b>	<b>3673</b>	<b>3208</b>	<b>946</b>	<b>15%</b>	<b>-7%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>931</b>	<b>0</b>	<b>-931</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>5562</b>	<b>5361</b>	<b>5122</b>	<b>4221</b>	<b>5160</b>	<b>4258</b>	<b>21%</b>	<b>-8%</b>
5.3.2	Agriculture Subsidy	2242	4549	4564	4622	4131	2185	2218	12%	2%
5.3.3	Aquaculture Subsidy	1683	476	212	501	91	1395	1124	452%	5%
5.3.4	SC Colonies Subsidy	724	258	274	0	0	998	646	-	-100%
5.3.5	ST Thandas Subsidy	249	55	54	0	0	303	248	-	-100%
5.3.6	Other Subsidy	23	223	256	0	0	279	22	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>9261</b>	<b>2445</b>	<b>2728</b>	<b>1999</b>	<b>735</b>	<b>9990</b>	<b>7423</b>	<b>172%</b>	<b>-18%</b>
5.3.8	Panchayats	3800	853	839	96	75	4543	2771	28%	-89%
5.3.9	WR Dept	4725	357	564	659	9	4630	3889	7259%	84%

5.3.10	ULB	245	935	332	280	63	297	95	341%	-70%
5.3.11	Other Govt Dept	491	300	993	965	587	520	668	64%	222%
5.3.12	<b>Govt serviced debt</b>	0	0	654	503	329	150	0	53%	-
5.3.13	<b>UDAY Receivables</b>	0	0	0	0	0	0	0	-	-
5.3.14	<b>Private Customers Receivables</b>	3565	15585	17460	16855	13767	4170	2553	22%	8%
5.3.15	<b>Total</b>	<b>17747</b>	<b>23592</b>	<b>26204</b>	<b>24480</b>	<b>19052</b>	<b>19471</b>	<b>14234</b>	<b>28%</b>	<b>4%</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>7567</b>	<b>8201</b>	<b>34819</b>
6.1.2	State Thermal	3147	2706	3557	3967	13377
6.1.3	State Hydel	157	157	157	157	628
6.1.4	CGS	1726	1900	931	939	5496
6.1.5	IPPs Gas	76	66	86	85	313
6.1.6	IPPs Thermal	542	641	835	766	2784
6.1.7	VRE- Wind	1033	1561	541	511	3646
6.1.8	VRE- Solar	816	750	710	878	3153
6.1.9	RE-Others	51	55	79	78	262
6.1.10	Market	2573	943	671	821	5008
6.1.11	Other	138	13	0	0	151
6.1.12	Wind @ interim rate	0	0	541	511	1052
6.1.13	Solar @ interim rate	0	0	710	878	1588
6.1.14	<b>CTU Cost</b>	<b>303</b>	<b>236</b>	<b>204</b>	<b>204</b>	<b>947</b>
6.1.15	<b>STU Cost</b>	<b>699</b>	<b>674</b>	<b>741</b>	<b>741</b>	<b>2855</b>
6.1.16	<b>Distribution Cost</b>	<b>2027</b>	<b>2287</b>	<b>2592</b>	<b>2592</b>	<b>9499</b>
6.1.17	O&M Cost	1290	1473	1606	1606	5975
6.1.18	HR Cost	1087	1249	1287	1287	4910
6.1.19	A&G Cost	50	63	99	99	310
6.1.20	R&M Cost	153	162	220	220	754
6.1.21	Depreciation	395	463	382	382	1622
6.1.22	ROCE	76	97	486	486	1144
6.1.23	Others	267	254	119	119	758
6.1.24	<b>Cost of Service</b>	<b>13288</b>	<b>11988</b>	<b>11104</b>	<b>11739</b>	<b>48120</b>
7.1.1	Capex Debt service (P+I)	376	394	236	236	1241
7.1.2	Opex Debt service (P+I)	1556	2318	0	0	3874

### 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>2473</b>	<b>2961</b>	<b>3304</b>	<b>2261</b>	<b>-343</b>	<b>46%</b>	<b>34%</b>
6.2.2	State Thermal	1152	886	1045	1075	-159	-3%	-9%
6.2.3	State Hydel	52	52	59	52	-7	13%	13%
6.2.4	CGS	292	666	1406	549	-740	156%	381%
6.2.5	IPPs Gas	28	26	25	25	1	0%	-12%
6.2.6	IPPs Thermal	280	213	295	66	-82	347%	5%
6.2.7	VRE- Wind	403	410	277	1	133	27600%	-31%
6.2.8	VRE- Solar	247	277	56	0	221	-	-77%
6.2.9	RE-Others	18	21	2	38	19	-95%	-89%
6.2.10	Market	0	396	139	455	257	-69%	0%
6.2.11	Other	0	13	0	0	13	-	-100%
6.2.12	Wind @ interim rate	403	0	0	0	0	-	-100%
6.2.13	Solar @ interim rate	247	0	0	0	0	-	-100%
6.2.14	<b>CTU Cost</b>	<b>68</b>	<b>66</b>	<b>185</b>	<b>71</b>	<b>-119</b>	<b>161%</b>	<b>172%</b>
6.2.15	<b>STU Cost</b>	<b>247</b>	<b>238</b>	<b>115</b>	<b>151</b>	<b>123</b>	<b>-24%</b>	<b>-53%</b>
6.2.16	<b>Distribution Cost</b>	<b>864</b>	<b>719</b>	<b>508</b>	<b>574</b>	<b>211</b>	<b>-11%</b>	<b>-41%</b>
6.2.17	O&M Cost	535	451	457	445	-6	3%	-15%
6.2.18	HR Cost	429	391	392	396	-1	-1%	-9%
6.2.19	A&G Cost	33	13	18	16	-5	11%	-45%
6.2.20	R&M Cost	73	47	47	32	0	46%	-36%
6.2.21	Depreciation	127	143	0	61	0	-100%	-100%
6.2.22	ROCE	162	35	0	0	0	-	-100%
6.2.23	Others	40	90	51	68	39	-25%	29%
6.2.24	<b>Cost of Service</b>	<b>3652</b>	<b>3984</b>	<b>4112</b>	<b>3057</b>	<b>-128</b>	<b>35%</b>	<b>13%</b>
7.2.2	Capex Debt service (P+I)	79	127	127	114	0	12%	62%

7.2.1	Opex Debt service (P+I)	0	1022	1246	126	-224	886%	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>15631</b>	<b>19051</b>	<b>18874</b>	<b>15787</b>	<b>11319</b>	<b>2901</b>	<b>20%</b>	<b>21%</b>
6.3.2	State Thermal	1525	7431	5853	8027	6858	-649	755	17%	8%
6.3.3	State Hydel	77	314	314	347	325	44	141	7%	10%
6.3.4	CGS	1357	1777	3626	4958	4201	25	53	18%	179%
6.3.5	IPPs Gas	63	155	142	139	206	66	29	-32%	-11%
6.3.6	IPPs Thermal	559	1624	1183	1192	432	550	391	176%	-27%
6.3.7	VRE- Wind	5351	2434	2594	947	803	6998	1048	18%	-61%
6.3.8	VRE- Solar	2053	1684	1565	261	268	3357	484	-3%	-85%
6.3.9	RE-Others	73	123	105	59	108	119	0	-45%	-52%
6.3.10	Market	84	88	3516	2944	2586	656	0	14%	3234%
6.3.11	Other	0	0	151	0	0	151	0	-	-100%
6.3.12	Wind @ interim rate	0	2434	0	0	4	0	0	-100%	-100%
6.3.13	Solar @ interim rate	7	1684	0	1	22	6	0	-96%	-100%
6.3.14	<b>CTU Cost</b>	<b>86</b>	<b>408</b>	<b>539</b>	<b>846</b>	<b>660</b>	<b>-221</b>	<b>0</b>	<b>28%</b>	<b>107%</b>
6.3.15	<b>STU Cost</b>	<b>1995</b>	<b>1482</b>	<b>1373</b>	<b>813</b>	<b>958</b>	<b>2555</b>	<b>187</b>	<b>-15%</b>	<b>-45%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>5185</b>	<b>4314</b>	<b>3162</b>	<b>3452</b>	<b>1152</b>	<b>0</b>	<b>-8%</b>	<b>-39%</b>
6.3.17	O&M Cost	0	3211	2763	2804	2821	-41	0	-1%	-13%
6.3.18	HR Cost	0	2574	2336	2366	2364	-30	0	0%	-8%
6.3.19	A&G Cost	0	197	113	126	200	-13	0	-37%	-36%
6.3.20	R&M Cost	0	440	314	312	258	2	0	21%	-29%
6.3.21	Depreciation	0	765	858	0	346	0	0	-100%	-100%
6.3.22	ROCE	0	971	173	0	0	0	0	-	-100%
6.3.23	Others	0	238	520	358	285	162	0	26%	50%
6.3.24	<b>Cost of Service</b>	<b>13223</b>	<b>22706</b>	<b>25277</b>	<b>23695</b>	<b>20857</b>	<b>14804</b>	<b>3088</b>	<b>14%</b>	<b>4%</b>
7.3.1	Capex Debt service (P+I)	0	471	770	804	708	-34	0	14%	71%
7.3.2	Opex Debt service (P+I)	0	0	3874	4716	4859	-842	0	-3%	-

## 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	236	236	1241
7.1.2	ERC disallowable-Opex Debt	1556	2318	0	0	3874
7.1.3	<b>Debt Servicing</b>	1932	2712	236	236	5115

### 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	127	127	114	0	12%	62%
7.2.2	ERC disallowable-Opex Debt	0	1022	1246	126	-224	886%	0%
7.2.3	<b>Debt Servicing</b>	79	1149	1373	240	-224	472%	1648%

### 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	471	770	804	708	-34	0	14%	71%
7.3.2	ERC disallowable-Opex Debt	0	0	3874	4716	4859	-842	18	-3%	0%
7.3.3	<b>Debt Servicing</b>	0	471	4644	5520	5567	-876	18	-1%	1071%

### 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	5936	5273	13%	7665	5831	31%	13601	11104	22%
7.4.2	PFC	648	681	-5%	7355	5123	44%	8003	5804	38%
7.4.3	APPFCL	0	0	-	11639	11667	0%	11639	11667	0%
7.4.4	BANKS	1412	1532	-8%	1193	1395	-14%	2605	2927	-11%
7.4.5	IREDA	0	0	-	300	874	-66%	300	874	-66%
7.4.6	ICD	0	0	-	1045	784	33%	1045	784	33%
7.4.7	PTC	0	0	-	74	109	-32%	74	109	-32%
7.4.8	GOAP	9	9	0%	0	0	-	9	9	0%
7.4.9	OTHERS	1117	690	62%	4079	4087	0%	5195	4776	9%
7.4.10	<b>Debt Outstanding</b>	<b>9122</b>	<b>8184</b>	<b>11%</b>	<b>33350</b>	<b>29870</b>	<b>12%</b>	<b>42472</b>	<b>38055</b>	<b>12%</b>

## Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) * 100}{\text{Value in Last Year for given Category}}$
Apr-April, May-May, Jun-June, Jul-July, Aug-August, Sep-September, Oct- October, Nov- November, Dec- December, Jan- January, Feb- February, Mar- March	
FY	Financial Year Ending with March
Mth	Month
YTD	Year to Date
MU	Million Units (10 <sup>6</sup> Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 <sup>3</sup> V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) * 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 <sup>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