

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators May-2023

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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	5053 (80%)	4684 (82%)	8%	9937 (79%)	9354 (81%)	6%
3.1.12	Agl Consumption	MU	1272 (20%)	1017 (18%)	25%	2607 (21%)	2249 (19%)	16%
3.1.22	Discom Sales	MU	6325	5701	11%	12544	11603	8%
1.02	Private Sales	MU	4083 (65%)	3848 (67%)	6%	7912 (63%)	7618 (66%)	4%
1.03	Government Sales	MU	539 (9%)	440 (8%)	22%	1086 (9%)	803 (7%)	35%
1.04	Government Subsidy	MU	1704 (27%)	1413 (25%)	21%	3545 (28%)	3182 (27%)	11%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	15612	12871	21%	15694	12661	24%
5.2.14	Pvt Sales	Rs Cr	3335	2667	25%	6418	5137	25%
5.2.7	Gov Sales	Rs Cr	213	183	16%	368	364	1%
5.2.1	Gov Subsidy	Rs Cr	806	968	-17%	2546	2928	-13%
1.06	Others	Rs Cr	0	89	-100%	0	174	-100%
5.2.15	Discom Collections	Rs Cr	4354	3908	11%	9332	8603	8%
1.07	Metered Sales	Rs Cr	3639	2850	22%	6980	5671	19%
3.3.13	Agl Consumption	Rs Cr	714	969	-36%	2354	2758	-17%
1.08	Revenue from Sale	Rs Cr	4402	3945	12%	8175	7396	11%
1.09	Adj Revenue from Sale	Rs Cr	5242	4706	11%	8690	8052	8%
1.10	Closing Debtors	Rs Cr	16105	13288	21%	16105	13288	21%
1.11	Adj Closing Debtors	Rs Cr	16105	13288	21%	16105	13288	21%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	6.88	6.70	3%	7.44	7.26	2%
3.6.22	AMC	kWh/bill/Mth	331	307	8%	328	312	5%
3.7.22	ACPB	Rs/bill/Mth	2279	2055	11%	2443	2268	8%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	6325 (92%)	5701 (89%)	11%	12544 (91%)	11603 (92%)	8%
2.01	Discom Losses	MU	479 (7%)	462 (7%)	4%	1061 (8%)	925 (7%)	15%
2.02	Discom Input	MU	6769 (98%)	6103 (96%)	10%	13452 (98%)	12398 (98%)	9%
4.12.4	Transmission Loss	MU	193 (3%)	167 (3%)	16%	366 (3%)	364 (3%)	1%
4.1.11	Discom Purchases	MU	6896	6376	8%	13724	12639	9%
4.2.11	Power Purchase Cost	Rs. Cr	3692 (74%)	3530 (78%)	5%	7474 (76%)	6908 (77%)	8%
<b>Contracted Network Capacity (MW)</b>								
2.03	STU	MW	15027	13877	8%	15027	13877	8%
2.04	CTU	MW	1645	1720	-4%	1775	1720	3%
2.05	Distribution	MW	13811	12412	11%	13811	12412	11%
<b>Capacity Charges</b>								
2.06	STU Charges	Rs. Lacs/MW/Mth	2.0	1.7	18%	2.0	1.8	8%
2.07	CTU Charges	Rs. Lacs/MW/Mth	13.2	3.8	247%	9.2	4.4	110%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	5.2	5.4	-4%	5.1	5.4	-6%
<b>Network Cost (Rs. Cr)</b>								
2.09	STU Cost	Rs Cr	298 (6%)	242 (5%)	23%	584 (6%)	504 (6%)	16%
2.10	CTU Cost	Rs Cr	217 (4%)	66 (1%)	230%	326 (3%)	150 (2%)	117%
2.11	Distribution Network Cost	Rs Cr	724 (15%)	668 (15%)	8%	1404 (14%)	1338 (15%)	5%
2.12	O&M Cost	Rs Cr	488	458	6%	906	920	-1%
2.13	HR Cost	Rs Cr	386	373	4%	744	770	-3%
2.14	A&G Cost	Rs Cr	14	19	-27%	34	38	-12%
2.15	R & M Cost	Rs Cr	87	67	31%	128	111	16%
2.16	Depreciation	Rs Cr	146	134	8%	299	265	13%
2.17	ROCE	Rs Cr	48	29	67%	93	58	61%
2.18	Others	Rs Cr	43	47	-8%	107	95	12%
2.19	Network Cost	Rs Cr	1240 (25%)	976 (21%)	27%	2314 (23%)	1991 (22%)	16%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.20	B&C Cost and Supply Margin	Rs Cr	13	14	-11%	25	26	-3%
2.21	Interest on Security Deposits	Rs Cr	26	20	29%	52	39	35%
2.22	Retail Supply Cost	Rs Cr	39 (1%)	35 (1%)	12%	77 (1%)	65 (1%)	20%
<b>Cost of Service (Rs. Cr)</b>								
2.23	Cost of Service	Rs Cr	4971	4541	9%	9866	8964	10%
7.2.2	ERC Disallowed Debt	Rs Cr	841	688	22%	1816	1414	28%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.35	5.54	-3%	5.45	5.47	0%
2.24	STU Cost per Unit	Rs/kWh	0.43	0.38	14%	0.43	0.40	7%
2.25	CTU Cost per Unit	Rs/kWh	0.31	0.10	206%	0.24	0.12	100%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	2.23	5.29	-58%	5.52	4.86	14%
2.26	Distribution Network Cost per Unit	Rs/kWh	1.05	1.05	0%	1.02	1.06	-3%
2.27	Network Cost per Unit	Rs/kWh	1.80	1.41	27%	1.69	1.58	7%
2.28	Retail Supply Cost per Unit	Rs/kWh	0.06	0.05	4%	0.06	0.05	10%
2.29	Cost of Service per Unit	Rs/kWh	7.21	7.12	1%	7.19	7.09	1%
<b>KPIs on Sales basis</b>								
2.30	Energy Cost on Sales Basis	Rs/kWh	5.84	6.19	-6%	5.96	5.95	0%
2.31	STU Cost per Unit	Rs/kWh	0.47	0.29	60%	0.47	0.43	7%
2.32	CTU Cost per Unit	Rs/kWh	0.34	0.12	198%	0.26	0.13	101%
2.33	Distribution Network Cost per Unit	Rs/kWh	1.14	1.17	-2%	1.12	1.15	-3%
2.34	Network Cost per Unit	Rs/kWh	1.96	1.71	14%	1.84	1.72	7%

2.35	Retail Supply Cost per Unit	Rs/kWh	0.06	0.06	1%		0.06	0.06	11%
2.36	ACS	Rs/kWh	7.86	7.97	-1%		7.87	7.73	2%
2.37	ERC Disallowed Debt per Unit	Rs/kWh	1.33	1.21	10%		1.45	1.22	19%
<b>AT&amp;C Losses</b>									
2.38	Collection $\eta$	%	108%	109%	-1%		101%	100%	1%
2.39	Units Realized	MU	6773	6114	11%		12549	11498	9%
2.40	Units Unrealized	MU	-4	-10	-61%		903	900	0%
2.41	AT&C Losses	%	0%	0%	-65%		7%	7%	-8%
<b>ACS-ARR GAP</b>									
2.42	GAP	Rs/kWh	-0.98	-1.27	-23%		-0.42	-0.46	-8%

### 3. Sales by Categories

#### 3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	32 (1%)	31 (1%)	2%	66 (1%)	61 (1%)	9%
3.1.2	31-75	191 (3%)	197 (3%)	-3%	403 (3%)	392 (3%)	3%
3.1.3	76-125	342 (5%)	328 (6%)	4%	706 (6%)	676 (6%)	5%
3.1.4	126-225	508 (8%)	471 (8%)	8%	1000 (8%)	1001 (9%)	0%
3.1.5	226-400	385 (6%)	375 (7%)	3%	633 (5%)	702 (6%)	-10%
3.1.6	>400	243 (4%)	283 (5%)	-14%	344 (3%)	451 (4%)	-24%
3.1.7	LT-1	1700 (27%)	1686 (30%)	1%	3152 (25%)	3282 (28%)	-4%
3.1.8	LT-2	334 (5%)	323 (6%)	4%	644 (5%)	633 (5%)	2%
3.1.9	LT-3	131 (2%)	136 (2%)	-4%	270 (2%)	285 (2%)	-5%
3.1.10	LT-4	139 (2%)	143 (3%)	-3%	292 (2%)	281 (2%)	4%
3.1.11	LT-5	1622 (26%)	1431 (25%)	13%	3307 (26%)	3091 (27%)	7%
3.1.12	LT-5 A (ii)	1272 (20%)	1017 (18%)	25%	2607 (21%)	2249 (19%)	16%
3.1.13	LT-5 excluding A(ii)	350 (6%)	414 (7%)	-15%	699 (6%)	842 (7%)	-17%
3.1.14	LT	3927 (62%)	3719 (65%)	6%	7665 (61%)	7571 (65%)	1%
3.1.15	HT-1	7 (0%)	6 (0%)	12%	13 (0%)	12 (0%)	11%
3.1.16	HT-2	199 (3%)	165 (3%)	20%	384 (3%)	322 (3%)	19%
3.1.17	HT-3	1871 (30%)	1517 (27%)	23%	3763 (30%)	3085 (27%)	22%
3.1.18	HT-4	257 (4%)	228 (4%)	13%	514 (4%)	458 (4%)	12%
3.1.19	HT-5	19 (0%)	19 (0%)	2%	110 (1%)	52 (0%)	110%
3.1.20	Rescos	46 (1%)	47 (1%)	-3%	95 (1%)	103 (1%)	-8%
3.1.21	HT	2399 (38%)	1982 (35%)	21%	4879 (39%)	4032 (35%)	21%
3.1.22	Discom Sales	6325	5701	11%	12544	11603	8%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3927	3719	6%	7665	7571	1%
3.2.1	11KV	548	505	8%	1075	1004	7%
3.2.2	33KV	617	528	17%	1254	1120	12%
3.2.3	EHT	1234	949	30%	2549	1908	34%
3.1.22	Discom Sales	6325	5701	11%	12544	11603	8%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	24 (1%)	16 (0%)	50%	48 (1%)	32 (0%)	50%
3.3.2	31-75	62 (1%)	52 (1%)	20%	128 (1%)	92 (1%)	40%
3.3.3	76-125	119 (3%)	100 (3%)	19%	242 (3%)	190 (2%)	27%
3.3.4	126-225	218 (5%)	180 (5%)	21%	415 (4%)	334 (4%)	24%
3.3.5	226-400	216 (5%)	210 (5%)	3%	350 (4%)	356 (4%)	-2%
3.3.6	>400	176 (4%)	202 (5%)	-13%	258 (3%)	308 (4%)	-16%
3.3.7	LT-1	815 (19%)	759 (20%)	7%	1441 (15%)	1313 (16%)	10%
3.3.8	LT-2	385 (9%)	344 (9%)	12%	750 (8%)	670 (8%)	12%
3.3.9	LT-3	127 (3%)	117 (3%)	9%	257 (3%)	237 (3%)	9%
3.3.10	LT-4	50 (1%)	35 (1%)	43%	94 (1%)	75 (1%)	25%
3.3.11	LT-5	928 (21%)	1071 (28%)	-13%	2815 (30%)	2997 (36%)	-6%
3.3.12	LT-5 A (ii)	714 (16%)	969 (25%)	-26%	2354 (25%)	2758 (33%)	-15%
3.3.13	LT-5 excluding A(ii)	214 (5%)	102 (3%)	110%	461 (5%)	239 (3%)	93%
3.3.14	LT	2306 (53%)	2326 (61%)	-1%	5358 (57%)	5293 (63%)	1%
3.3.15	HT-1	5 (0%)	4 (0%)	18%	9 (0%)	8 (0%)	13%
3.3.16	HT-2	219 (5%)	184 (5%)	19%	417 (4%)	331 (4%)	26%
3.3.17	HT-3	1628 (37%)	1128 (30%)	44%	3158 (34%)	2476 (29%)	28%

3.3.18	HT-4	179 (4%)	166 (4%)	8%	369 (4%)	306 (4%)	20%
3.3.19	HT-5	14 (0%)	10 (0%)	45%	20 (0%)	12 (0%)	72%
3.3.20	Rescos	2 (0%)	2 (0%)	4%	4 (0%)	4 (0%)	-5%
3.3.21	HT	2048 (47%)	1493 (39%)	37%	3976 (43%)	3137 (37%)	27%
3.3.22	Discom Collections	4353	3819	14%	9334	8429	11%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	30,72,213(16%)	29,84,531(16%)	3%	30,72,213(16%)	29,84,531(16%)	3%
3.4.2	31-75	35,34,368(19%)	37,17,139(20%)	-5%	35,34,368(19%)	37,17,139(20%)	-5%
3.4.3	76-125	34,35,808(18%)	32,53,014(18%)	6%	34,35,808(18%)	32,53,014(18%)	6%
3.4.4	126-225	31,11,101(16%)	29,43,069(16%)	6%	31,11,101(16%)	29,43,069(16%)	6%
3.4.5	226-400	13,52,163(7%)	12,78,498(7%)	6%	13,52,163(7%)	12,78,498(7%)	6%
3.4.6	>400	5,18,856(3%)	5,13,605(3%)	1%	5,18,856(3%)	5,13,605(3%)	1%
3.4.7	LT-1	1,50,24,509(79%)	1,46,89,856(79%)	2%	1,50,24,509(79%)	1,46,89,856(79%)	2%
3.4.8	LT-2	16,90,835(9%)	16,17,017(9%)	5%	16,90,835(9%)	16,17,017(9%)	5%
3.4.9	LT-3	81,317(0%)	81,661(0%)	0%	81,317(0%)	81,661(0%)	0%
3.4.10	LT-4	3,53,179(2%)	3,43,127(2%)	3%	3,53,179(2%)	3,43,127(2%)	3%
3.4.11	LT-5	19,37,822(10%)	18,37,139(10%)	5%	19,37,822(10%)	18,37,139(10%)	5%
3.4.12	LT-5 A (ii)	18,58,291(10%)	17,58,759(9%)	6%	18,58,291(10%)	17,58,759(9%)	6%
3.4.13	LT-5 excluding A(ii)	79,531(0%)	78,380(0%)	1%	79,531(0%)	78,380(0%)	1%
3.4.14	LT	1,90,87,662(100%)	1,85,68,800(100%)	3%	1,90,87,662(100%)	1,85,68,800(100%)	3%
3.4.15	HT-1	126(0%)	113(0%)	12%	126(0%)	113(0%)	12%
3.4.16	HT-2	5,032(0%)	4,604(0%)	9%	5,032(0%)	4,604(0%)	9%
3.4.17	HT-3	6,665(0%)	6,416(0%)	4%	6,665(0%)	6,416(0%)	4%
3.4.18	HT-4	844(0%)	772(0%)	9%	844(0%)	772(0%)	9%
3.4.19	HT-5	724(0%)	715(0%)	1%	724(0%)	715(0%)	1%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	13,392(0%)	12,621(0%)	6%	13,392(0%)	12,621(0%)	6%
3.4.22	Discom Bills	1,91,01,054	1,85,81,421	3%	1,91,01,054	1,85,81,421	3%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	7.56	5.16	47%	7.30	5.31	38%
3.5.2	31-75	3.25	2.62	24%	3.19	2.34	36%
3.5.3	76-125	3.49	3.05	14%	3.42	2.81	22%
3.5.4	126-225	4.30	3.83	12%	4.15	3.34	24%
3.5.5	226-400	5.61	5.59	0%	5.53	5.08	9%
3.5.6	>400	7.24	7.12	2%	7.50	6.84	10%
3.5.7	LT-1	4.80	4.50	6%	4.57	4.00	14%
3.5.8	LT-2	11.52	10.65	8%	11.64	10.60	10%
3.5.9	LT-3	9.75	8.61	13%	9.52	8.31	15%
3.5.10	LT-4	3.56	2.42	47%	3.22	2.68	20%
3.5.11	LT-5	5.72	7.48	-24%	8.51	9.70	-12%
3.5.12	LT-5 A (ii)	5.62	9.53	-41%	9.03	12.26	-26%
3.5.13	LT-5 excluding A(ii)	6.12	2.46	148%	6.60	2.84	132%
3.5.14	LT	5.87	6.25	-6%	6.99	6.99	0%
3.5.15	HT-1	7.38	6.97	6%	6.95	6.85	2%
3.5.16	HT-2	11.02	11.11	-1%	10.87	10.29	6%
3.5.17	HT-3	8.70	7.44	17%	8.39	8.03	5%
3.5.18	HT-4	6.96	7.28	-4%	7.17	6.68	7%
3.5.19	HT-5	7.41	5.19	43%	1.82	2.22	-18%
3.5.20	Rescos	0.40	0.37	7%	0.38	0.37	3%
3.5.21	HT	8.54	7.53	13%	8.15	7.78	5%
3.5.22	ARR	6.88	6.70	3%	7.44	7.26	2%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	10	10	-1%	11	10	6%
3.6.2	31-75	54	53	2%	57	53	8%
3.6.3	76-125	99	101	-1%	103	104	-1%
3.6.4	126-225	163	160	2%	161	170	-5%
3.6.5	226-400	285	293	-3%	234	275	-15%
3.6.6	>400	468	552	-15%	331	439	-24%
3.6.7	LT-1	113	115	-1%	105	112	-6%
3.6.8	LT-2	198	200	-1%	191	196	-3%
3.6.9	LT-3	1607	1661	-3%	1662	1746	-5%
3.6.10	LT-4	395	418	-6%	413	410	1%
3.6.11	LT-5	837	779	7%	853	841	1%
3.6.12	LT-5 A (ii)	685	578	18%	702	639	10%
3.6.13	LT-5 excluding A(ii)	4399	5279	-17%	4395	5371	-18%
3.6.14	LT	206	200	3%	201	204	-2%
3.6.15	HT-1	55794	55657	0%	52817	53094	-1%
3.6.16	HT-2	39523	35884	10%	38123	34935	9%
3.6.17	HT-3	280711	236376	19%	282320	240394	17%
3.6.18	HT-4	304443	295155	3%	304556	296949	3%
3.6.19	HT-5	26188	26125	0%	75628	36461	107%
3.6.20	Rescos	46100000	47490000	-3%	47455000	51460000	-8%
3.6.21	HT	179126	157049	14%	182154	159732	14%
3.6.22	AMC	331	307	8%	328	312	5%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	78	54	45%	78	54	46%
3.7.2	31-75	176	139	27%	182	124	47%
3.7.3	76-125	347	308	13%	352	292	20%
3.7.4	126-225	701	613	14%	666	568	17%
3.7.5	226-400	1598	1639	-2%	1296	1393	-7%
3.7.6	>400	3385	3929	-14%	2487	3001	-17%
3.7.7	LT-1	543	517	5%	480	447	7%
3.7.8	LT-2	2279	2128	7%	2218	2072	7%
3.7.9	LT-3	15660	14298	10%	15826	14504	9%
3.7.10	LT-4	1404	1011	39%	1329	1096	21%
3.7.11	LT-5	4791	5829	-18%	7264	8158	-11%
3.7.12	LT-5 A (ii)	3844	5510	-30%	6334	7842	-19%
3.7.13	LT-5 excluding A(ii)	26917	12998	107%	28993	15248	90%
3.7.14	LT	1208	1253	-4%	1404	1425	-2%
3.7.15	HT-1	411905	387986	6%	367063	363462	1%
3.7.16	HT-2	435672	398799	9%	414388	359575	15%
3.7.17	HT-3	2443091	1758062	39%	2368890	1929319	23%
3.7.18	HT-4	2119313	2147863	-1%	2183827	1983323	10%
3.7.19	HT-5	194061	135571	43%	137431	81002	70%
3.7.20	Rescos	18400000	17700000	4%	18250000	19250000	-5%
3.7.21	HT	1528898	1183141	29%	1484543	1242640	19%
3.7.22	ACPB	2279	2055	11%	2443	2268	8%

## 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	2883 (42%)	2158 (34%)	34%	2437 (38%)	18%	5601 (41%)	4453 (35%)	26%	4863 (37%)	15%
4.1.2	State Hydel	156 (2%)	144 (2%)	8%	176 (3%)	-11%	298 (2%)	349 (3%)	-15%	426 (3%)	-30%
4.1.3	CGS	973 (14%)	1178 (18%)	-17%	1025 (16%)	-5%	2006 (15%)	2360 (19%)	-15%	2001 (15%)	0%
4.1.4	Gas	0 (0%)	43 (1%)	- 100%	46 (1%)	-100%	0 (0%)	87 (1%)	- 100%	91 (1%)	-100%
4.1.5	IPPs	1019 (15%)	532 (8%)	92%	1102 (17%)	-8%	1886 (14%)	977 (8%)	93%	2185 (17%)	-14%
4.1.6	VRE-Wind	505 (7%)	890 (14%)	-43%	879 (14%)	-43%	849 (6%)	1237 (10%)	-31%	1222 (9%)	-31%
4.1.7	VRE-Solar	730 (11%)	667 (10%)	9%	668 (11%)	9%	985 (7%)	1304 (10%)	-24%	1305 (10%)	-25%
4.1.8	RE-Others	18 (0%)	30 (0%)	-40%	26 (0%)	-32%	40 (0%)	58 (0%)	-31%	52 (0%)	-23%
4.1.9	Markets	612 (9%)	731 (11%)	-16%	0 (0%)	-	1674 (12%)	1775 (14%)	-6%	875 (7%)	91%
4.1.10	Others	0 (0%)	4 (0%)	- 100%	0 (0%)	-100%	385 (3%)	39 (0%)	886%	0 (0%)	-
4.1.11	Discom Purchases	6896	6376	8%	6361	8%	13724	12639	9%	13019	5%

### 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	1583 (43%)	1048 (30%)	51%	1235 (44%)	28%	3008 (40%)	2135 (31%)	41%	2471 (42%)	22%
4.2.2	State Hydel	54 (1%)	52 (1%)	2%	54 (2%)	0%	107 (1%)	105 (2%)	2%	107 (2%)	0%
4.2.3	CGS	579 (16%)	623 (18%)	-7%	358 (13%)	62%	1108 (15%)	1147 (17%)	-3%	701 (12%)	58%
4.2.4	Gas	0 (0%)	26 (1%)	- 100%	23 (1%)	-100%	0 (0%)	51 (1%)	-100%	44 (1%)	-100%
4.2.5	IPPs	487 (13%)	205 (6%)	138%	439 (16%)	11%	893 (12%)	373 (5%)	139%	872 (15%)	2%
4.2.6	VRE-Wind	239 (6%)	421 (12%)	-43%	407 (14%)	-41%	402 (5%)	585 (8%)	-31%	566 (10%)	-29%
4.2.7	VRE-Solar	320 (9%)	290 (8%)	10%	290 (10%)	10%	444 (6%)	565 (8%)	-21%	565 (10%)	-21%
4.2.8	RE-Others	11 (0%)	18 (1%)	-39%	14 (1%)	-22%	25 (0%)	36 (1%)	-30%	28 (0%)	-11%
4.2.9	Markets	420 (11%)	820 (23%)	-49%	0 (0%)	-	1330 (18%)	1826 (26%)	-27%	464 (8%)	186%
4.2.10	Others	0 (0%)	27 (1%)	- 100%	0 (0%)	-100%	156 (2%)	86 (1%)	83%	0 (0%)	-
4.2.11	Power Purchase Cost	3692	3530	5%	2819	31%	7474	6908	8%	5819	28%

### 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	332	277	20%	409	-19%	649	565	15%	817	-21%
4.3.2	State Hydel	54	52	2%	54	0%	107	105	2%	107	0%
4.3.3	CGS	119	204	-42%	74	61%	236	324	-27%	149	59%
4.3.4	Gas	0	2	-100%	2	-100%	0	3	-100%	4	-100%
4.3.5	IPPs	176	63	178%	161	9%	312	117	168%	322	-3%
4.3.6	Others	0	27	-100%	0	-	3	86	-97%	0	-
4.3.7	Fixed Cost	680	625	9%	699	-3%	1307	1198	9%	1399	-7%

#### 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	1251	771	62%	826	51%	2359	1570	50%	1653	43%
4.4.2	CGS	459	419	10%	284	62%	872	824	6%	553	58%
4.4.3	Gas	0	24	-100%	21	-100%	0	48	-100%	41	-100%
4.4.4	IPPs	312	141	120%	278	12%	581	256	127%	550	6%
4.4.5	VRE-Wind	239	421	-43%	407	-41%	402	585	-31%	566	-29%
4.4.6	VRE-Solar	320	290	10%	290	10%	444	565	-21%	565	-21%
4.4.7	RE-Others	11	18	-38%	13	-18%	24	35	-31%	26	-8%
4.4.8	Markets	420	820	-49%	0	-	1330	1826	-27%	464	186%
4.4.9	Others	0	0	-	0	-100%	154	0	-	0	-
4.4.10	Variable Cost	3012	2905	4%	2119	42%	6166	5709	8%	4418	40%

#### 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	5.49	4.86	13%	5.07	8%	5.37	4.80	12%	5.08	5.08
4.5.2	State Hydel	3.44	3.63	-5%	3.04	13%	3.59	3.00	20%	2.52	2.52
4.5.3	CGS	5.94	5.29	12%	3.49	70%	5.52	4.86	14%	3.50	3.50
4.5.4	Gas	0.00	5.98	-100%	4.90	-100%	0.00	5.85	-100%	4.90	4.90
4.5.5	IPPs	4.78	3.85	24%	3.98	20%	4.73	3.82	24%	3.99	3.99
4.5.6	VRE-Wind	4.74	4.73	0%	4.63	2%	4.74	4.73	0%	4.63	4.63
4.5.7	VRE-Solar	4.38	4.35	1%	4.34	1%	4.51	4.33	4%	4.33	4.33
4.5.8	RE-Others	6.17	6.08	2%	5.42	14%	6.23	6.13	2%	5.42	5.42
4.5.9	Markets	6.86	11.22	-39%	0.00	-	7.95	10.29	-23%	5.31	5.31
4.5.10	Others	0.00	72.31	-100%	2.50	-100%	4.07	21.91	-81%	4.00	4.00
4.5.11	Weighted Average	5.35	5.54	-3%	4.43	21%	5.45	5.47	0%	4.47	4.47

#### 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	1.15	1.28	-10%	1.68	-31%	1.16	1.27	-9%	1.68	-31%
4.6.2	State Hydel	3.44	3.63	-5%	3.04	13%	3.59	3.00	20%	2.52	43%
4.6.3	CGS	1.23	1.73	-29%	0.73	69%	1.18	1.37	-14%	0.74	58%
4.6.4	Gas	0.00	0.42	-100%	0.40	-100%	0.00	0.32	-100%	0.40	-100%
4.6.5	IPPs	1.72	1.19	45%	1.46	18%	1.65	1.19	39%	1.47	12%
4.6.6	Average FC	0.99	0.98	1%	1.10	-10%	0.95	0.95	0%	1.08	-11%

#### 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	4.34	3.58	21%	3.39	28%	4.21	3.53	19%	3.40	24%
4.7.2	CGS	4.72	3.56	33%	2.77	70%	4.35	3.49	25%	2.76	57%
4.7.3	Gas	0.00	5.57	-100%	4.50	-100%	0.00	5.53	-100%	4.50	-100%
4.7.4	IPPs	3.06	2.66	15%	2.52	21%	3.08	2.62	17%	2.52	22%
4.7.5	VRE-Wind	4.74	4.73	0%	4.63	2%	4.74	4.73	0%	4.63	2%
4.7.6	VRE-Solar	4.38	4.35	1%	4.34	1%	4.51	4.33	4%	4.33	4%
4.7.7	RE-Others	6.17	6.08	2%	5.42	14%	6.23	6.13	2%	5.42	15%
4.7.8	Markets	6.86	11.22	-39%	0.00	-	7.95	10.29	-23%	5.31	50%
4.7.9	Average VC	4.37	4.56	-4%	3.33	31%	4.49	4.52	-1%	3.39	32%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2292	2303	0%	4567	4507	1%
4.8.2	11KV	320	313	2%	641	598	7%
4.8.3	33KV	360	327	10%	747	667	12%
4.8.4	EHT	720	588	23%	1519	1136	34%
4.2.11	Power Purchase Cost	3692	3530	5%	7474	6908	8%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	770	637	21%	1414	1299	9%
4.9.2	11KV	107	86	24%	198	172	15%
4.9.3	33KV	121	90	34%	231	192	20%
4.9.4	EHT	242	163	49%	470	328	44%
2.19	Network Cost	1240	976	27%	2314	1991	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	24	23	7%	47	42	12%
4.10.2	11KV	3	3	10%	7	6	19%
4.10.3	33KV	4	3	19%	8	6	24%
4.10.4	EHT	8	6	32%	16	11	48%
2.22	Retail Supply Cost	39	35	12%	77	65	20%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	3086	2962	4%	6028	5849	3%
4.11.2	11KV	430	402	7%	846	775	9%
4.11.3	33KV	485	420	15%	987	865	14%
4.11.4	EHT	970	756	28%	2005	1474	36%
2.23	Cost of Service	4971	4541	9%	9866	8964	10%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	147	129	14%	341	226	51%
4.12.2	11KV	158	135	17%	340	285	19%
4.12.3	33KV	174	198	-12%	380	414	-8%
4.12.4	EHT	193	167	16%	366	364	1%
4.12.5	Loss	672	629	7%	1427	1288	11%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	3177	3039	5%	6237	5993	4%
4.13.2	11KV	427	399	7%	838	771	9%
4.13.3	33KV	466	404	15%	942	834	13%
4.13.4	EHT	901	699	29%	1849	1366	35%
2.23	Cost of Service	4971	4541	9%	9866	8964	10%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	8.1	8.2	-1%	8.1	7.9	3%
4.14.2	11KV	7.8	7.9	-1%	7.8	7.7	1%
4.14.3	33KV	7.5	7.7	-2%	7.5	7.4	1%
4.14.4	EHT	7.3	7.4	-1%	7.3	7.2	1%
2.36	ACS	7.9	8.0	-1%	7.9	7.7	2%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>3391</b>	<b>2534</b>	<b>2534</b>	<b>2534</b>	<b>10992</b>
5.1.2	Agriculture Subsidy	2976	2036	2036	2036	9084
5.1.3	Aquaculture Subsidy	287	115	115	115	633
5.1.4	SC Colonies Subsidy	49	146	146	146	487
5.1.5	ST Thandas Subsidy	10	30	30	30	100
5.1.6	Other Subsidy	69	207	207	207	689
5.1.7	<b>Govt Agencies</b>	<b>743</b>	<b>1125</b>	<b>1125</b>	<b>1125</b>	<b>4118</b>
5.1.8	Panchayats	180	426	426	426	1459
5.1.9	WR Dept	80	175	175	175	605
5.1.10	ULB	212	375	375	375	1337
5.1.11	Other Govt Dept	271	149	149	149	717
5.1.12	<b>Govt serviced debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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>9333</b>	<b>8746</b>	<b>8746</b>	<b>8746</b>	<b>35572</b>
5.1.15	<b>Total</b>	<b>13467</b>	<b>12405</b>	<b>12405</b>	<b>12405</b>	<b>50682</b>
5.1.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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>845</b>	<b>859</b>	<b>806</b>	<b>968</b>	<b>53</b>	<b>-17%</b>	<b>-5%</b>
5.2.2	Agriculture Subsidy	679	704	707	968	-3	-27%	4%
5.2.3	Aquaculture Subsidy	38	58	99	0	-41	-	158%
5.2.4	SC Colonies Subsidy	49	49	0	0	49	-	-100%
5.2.5	ST Thandas Subsidy	10	9	0	0	9	-	-100%
5.2.6	Other Subsidy	69	39	0	0	39	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>375</b>	<b>464</b>	<b>213</b>	<b>183</b>	<b>251</b>	<b>16%</b>	<b>-43%</b>
5.2.8	Panchayats	142	159	19	12	140	58%	-87%
5.2.9	WR Dept	58	79	14	7	65	100%	-76%
5.2.10	ULB	125	55	38	31	17	23%	-70%
5.2.11	Other Govt Dept	50	171	142	133	29	7%	186%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>	<b>0</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>2915</b>	<b>3426</b>	<b>3335</b>	<b>2667</b>	<b>91</b>	<b>25%</b>	<b>14%</b>
5.2.15	<b>Total</b>	<b>4135</b>	<b>4749</b>	<b>4354</b>	<b>3908</b>	<b>395</b>	<b>11%</b>	<b>5%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>-100%</b>	<b>-</b>
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>-100%</b>	<b>-</b>

### 5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
5.3.1	<b>Subsidy</b>	<b>12489</b>	<b>1689</b>	<b>1735</b>	<b>2546</b>	<b>2928</b>	<b>11678</b>	<b>12577</b>	<b>-13%</b>	<b>51%</b>
5.3.2	Agriculture Subsidy	9944	1357	1408	2297	2752	9055	9778	-17%	69%
5.3.3	Aquaculture Subsidy	1392	77	135	249	175	1278	1171	42%	224%
5.3.4	SC Colonies Subsidy	829	97	96	0	0	925	977	-	-100%
5.3.5	ST Thandas Subsidy	256	20	18	0	0	274	295	-	-100%
5.3.6	Other Subsidy	67	138	78	0	0	145	356	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>11143</b>	<b>750</b>	<b>999</b>	<b>368</b>	<b>364</b>	<b>11774</b>	<b>10208</b>	<b>1%</b>	<b>-51%</b>
5.3.8	Panchayats	5086	284	327	38	38	5375	4651	-1%	-87%
5.3.9	WR Dept	5291	117	220	22	9	5489	4869	145%	-81%

5.3.10	ULB	356	250	110	87	51	379	310	69%	-65%
5.3.11	Other Govt Dept	410	99	342	221	266	531	378	-17%	123%
5.3.12	<b>Govt serviced debt</b>	0	0	0	0	174	0	0	-100%	-
5.3.13	<b>UDAY Receivables</b>	0	0	0	0	0	0	0	-	-
5.3.14	<b>Private Customers Receivables</b>	4513	5831	6502	6418	5137	4597	4070	25%	10%
5.3.15	<b>Total</b>	<b>28144</b>	<b>8270</b>	<b>9236</b>	<b>9332</b>	<b>8603</b>	<b>28048</b>	<b>26855</b>	<b>8%</b>	<b>13%</b>
5.3.16	<b>Opex Loans</b>	0	0	0	0	124	0	0	-100%	-
5.3.17	<b>Capex Loans</b>	0	0	0	0	31	0	0	-100%	-

## 6. Payables

### 6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
<b>6.1.1</b>	<b>PP Cost</b>	<b>10275</b>	<b>7911</b>	<b>7521</b>	<b>8269</b>	<b>33977</b>
6.1.2	State Thermal	4263	3436	3842	4273	15814
6.1.3	State Hydel	161	161	161	161	643
6.1.4	CGS	1437	1030	974	1027	4468
6.1.5	IPPs Gas	22	67	67	66	222
6.1.6	IPPs Thermal	1324	1241	1252	1300	5117
6.1.7	VRE- Wind	836	1421	315	356	2929
6.1.8	VRE- Solar	713	717	644	895	2969
6.1.9	Other-NCE	37	51	52	46	186
6.1.10	Market	1330	0	215	145	1690
6.1.11	Other	151	-213	0	0	-61
<b>6.1.12</b>	<b>CTU Cost</b>	<b>451</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>1578</b>
<b>6.1.13</b>	<b>STU Cost</b>	<b>874</b>	<b>868</b>	<b>868</b>	<b>868</b>	<b>3478</b>
<b>6.1.14</b>	<b>Distribution Cost</b>	<b>2479</b>	<b>2993</b>	<b>2993</b>	<b>2993</b>	<b>11457</b>
6.1.15	O&M Cost	1508	1805	1805	1805	6923
6.1.16	HR Cost	1231	1462	1462	1462	5616
6.1.17	A&G Cost	71	112	112	112	405
6.1.18	R&M Cost	205	232	232	232	901
6.1.19	Depreciation	445	438	438	438	1759
6.1.20	ROCE	276	548	548	548	1918
6.1.21	Others	252	202	202	202	857
<b>6.1.22</b>	<b>Cost of Service</b>	<b>14079</b>	<b>12148</b>	<b>11758</b>	<b>12506</b>	<b>50490</b>
7.1.1	Capex Debt service (P+I)	436	438	438	438	1750
7.1.2	Opex Debt service (P+I)	1855	0	0	0	1855

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

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
<b>6.2.1</b>	<b>PP Cost</b>	<b>2819</b>	<b>3692</b>	<b>4152</b>	<b>3480</b>	<b>-460</b>	<b>19%</b>	<b>47%</b>
6.2.2	State Thermal	1235	1583	1296	1415	287	-8%	5%
6.2.3	State Hydel	54	54	54	59	0	-8%	1%
6.2.4	CGS	358	579	818	1315	-239	-38%	128%
6.2.5	IPPs Gas	23	0	0	28	0	-100%	-100%
6.2.6	IPPs Thermal	439	487	456	213	31	114%	4%
6.2.7	VRE- Wind	407	239	592	3	-353	-	45%
6.2.8	VRE- Solar	290	320	217	0	103	-	-25%
6.2.9	Other-NCE	14	11	13	9	-2	44%	-9%
6.2.10	Market	0	420	706	438	-286	61%	-
6.2.11	Other	0	0	0	0	0	-	-100%
<b>6.2.12</b>	<b>CTU Cost</b>	<b>125</b>	<b>217</b>	<b>133</b>	<b>201</b>	<b>84</b>	<b>-34%</b>	<b>6%</b>
<b>6.2.13</b>	<b>STU Cost</b>	<b>289</b>	<b>298</b>	<b>168</b>	<b>196</b>	<b>130</b>	<b>-14%</b>	<b>-42%</b>
<b>6.2.14</b>	<b>Distribution Cost</b>	<b>998</b>	<b>763</b>	<b>583</b>	<b>603</b>	<b>180</b>	<b>-3%</b>	<b>-42%</b>
6.2.15	O&M Cost	602	488	488	550	0	-11%	-19%
6.2.16	HR Cost	487	386	386	459	0	-16%	-21%
6.2.17	A&G Cost	37	14	15	24	-1	-38%	-60%
6.2.18	R&M Cost	77	87	87	67	0	30%	13%
6.2.19	Depreciation	146	146	40	0	0	-	-73%
6.2.20	ROCE	183	48	0	0	0	-	-100%
6.2.21	Others	67	82	55	53	27	4%	-18%
<b>6.2.22</b>	<b>Cost of Service</b>	<b>4231</b>	<b>4971</b>	<b>5036</b>	<b>4480</b>	<b>-65</b>	<b>12%</b>	<b>19%</b>
7.2.1	Capex Debt service (P+I)	146	134	134	118	0	14%	-8%
7.2.2	Opex Debt service (P+I)	0	860	841	688	19	22%	-

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
<b>6.3.1</b>	<b>PP Cost</b>	<b>6357</b>	<b>5819</b>	<b>7474</b>	<b>8481</b>	<b>6546</b>	<b>5350</b>	<b>1821</b>	<b>30%</b>	<b>46%</b>
6.3.2	State Thermal	-1078	2471	3008	2779	3112	-849	810	-11%	12%
6.3.3	State Hydel	130	107	107	108	111	129	41	-3%	1%
6.3.4	CGS	1766	701	1108	1760	1412	1114	29	25%	151%
6.3.5	IPPs Gas	72	44	0	0	48	72	12	-100%	-100%
6.3.6	IPPs Thermal	1273	872	893	919	388	1247	139	137%	5%
6.3.7	VRE- Wind	2746	566	402	1260	8	1888	663	-	123%
6.3.8	VRE- Solar	707	565	444	458	4	693	124	-	-19%
6.3.9	Other-NCE	112	28	25	33	19	104	0	74%	17%
6.3.10	Market	629	464	1330	1164	1444	795	3	-19%	151%
6.3.11	Other	0	0	156	0	0	156	0	-	-100%
<b>6.3.12</b>	<b>CTU Cost</b>	<b>36</b>	<b>251</b>	<b>326</b>	<b>274</b>	<b>287</b>	<b>88</b>	<b>0</b>	<b>-5%</b>	<b>9%</b>
<b>6.3.13</b>	<b>STU Cost</b>	<b>2063</b>	<b>579</b>	<b>584</b>	<b>335</b>	<b>295</b>	<b>2312</b>	<b>0</b>	<b>14%</b>	<b>-42%</b>
<b>6.3.14</b>	<b>Distribution Cost</b>	<b>0</b>	<b>1995</b>	<b>1482</b>	<b>1178</b>	<b>1131</b>	<b>304</b>	<b>0</b>	<b>4%</b>	<b>-41%</b>
6.3.15	O&M Cost	0	1204	906	966	1008	-60	0	-4%	-20%
6.3.16	HR Cost	0	975	744	786	853	-42	0	-8%	-19%
6.3.17	A&G Cost	0	74	34	48	44	-14	0	9%	-35%
6.3.18	R&M Cost	0	155	128	132	111	-4	0	19%	-15%
6.3.19	Depreciation	0	292	299	80	0	219	0	-	-73%
6.3.20	ROCE	0	365	93	0	0	93	0	-	-100%
6.3.21	Others	0	135	184	132	123	52	0	7%	-2%
<b>6.3.22</b>	<b>Cost of Service</b>	<b>8456</b>	<b>8643</b>	<b>9866</b>	<b>10268</b>	<b>8259</b>	<b>8054</b>	<b>1821</b>	<b>24%</b>	<b>19%</b>
7.3.1	Capex Debt service (P+I)	0	292	290	290	258	0	0	12%	-1%
7.3.2	Opex Debt service (P+I)	51	0	1855	1816	1414	39	20	28%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	436	438	438	438	1750
7.1.2	ERC disallowable-Opex Debt	1855	0	0	0	1855
7.1.3	<b>Debt Servicing</b>	2291	438	438	438	3605

### 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	146	134	134	118	0	14%	-8%
7.2.2	ERC disallowable-Opex Debt	0	860	841	688	19	22%	-
7.2.3	<b>Debt Servicing</b>	146	994	975	806	19	21%	568%

### 7.3 Debt Servicing YTD (Rs Cr)

#	Item	OB	ERC-BE	Due	Paid		CB – OD	OD>60days	% ↑	% δ ERC
					CY	PY				
7.3.1	ERC allowed-Capex Debt	0	292	290	290	258	0	0	12%	-1%
7.3.2	ERC disallowable-Opex Debt	51	0	1855	1816	1414	39	20	28%	-
7.3.3	<b>Debt Servicing</b>	51	292	2145	2106	1672	39	20	26%	621%

### 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	6570	6510	1%	14395	13386	8%	20965	19896	5%
7.4.2	PFC	1696	1493	14%	14998	13866	8%	16694	15359	9%
7.4.3	APPFCL	0	0	-	8632	8857	-3%	8632	8857	-3%
7.4.4	BANKS	1275	1309	-3%	924	1321	-30%	2199	2630	-16%
7.4.5	IREDA	0	0	-	180	210	-14%	180	210	-14%
7.4.6	ICD	0	0	-	1435	1535	-7%	1435	1535	-7%
7.4.7	PTC	0	0	-	26	44	-40%	26	44	-40%
7.4.8	GOAP	9	9	-5%	0	0	-	9	9	-5%
7.4.9	OTHERS	1117	1116	0%	3372	2532	33%	4489	3649	23%
7.4.10	<b>Debt Outstanding</b>	<b>10667</b>	<b>10438</b>	<b>2%</b>	<b>43962</b>	<b>41751</b>	<b>5%</b>	<b>54629</b>	<b>52189</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 > 225 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
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	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.27	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.28	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.31	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>		
2.32	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.39	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>		
2.40	Collection $\eta$	$J=(F+G-I)/E \times 100$ (if>100% then limit to 100%)
2.41	Units Realized	$K=D \times J/100$
2.42	Units Unrealized	$L=C-K$
2.43	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} =L/C \times 100$
<b>ARR-ACS GAP</b>		
2.44	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