

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators January- 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	3918 (84%)	3675 (81%)	7%	42039 (84%)	36337 (82%)	16%
3.1.9	Agl Consumption	MU	756 (16%)	852 (19%)	-11%	7765 (16%)	8188 (18%)	-5%
3.1.19	Discom Sales	MU	4674	4527	3%	49804	44525	12%
1.02	Private Sales	MU	3588 (77%)	3296 (73%)	9%	36491 (73%)	31587 (71%)	16%
1.03	Government Sales	MU	401 (9%)	463 (10%)	-13%	4874 (10%)	3972 (9%)	23%
1.04	Government Subsidy	MU	686 (15%)	768 (17%)	-11%	8617 (17%)	8967 (20%)	-4%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	12548	11188	12%	11673	8899	31%
5.2.14	Pvt Sales	Rs Cr	1923	1917	0%	22382	18768	19%
5.2.7	Gov Sales	Rs Cr	186	355	-48%	2994	1649	82%
5.2.1	Gov Subsidy	Rs Cr	36	1051	-97%	7233	4230	71%
1.06	Others	Rs Cr	0	0	-	0	0	-
3.3.19	Discom Collections	Rs Cr	2143	3324	-36%	31927	24646	30%
1.07	Metered Sales	Rs Cr	2102	2398	-12%	25813	20829	24%
3.3.9	Agl Consumption	Rs Cr	42	926	-96%	6114	3818	60%
1.08	Revenue from Sale	Rs Cr	3269	3150	4%	34942	31525	11%
1.09	Adj Revenue from Sale	Rs Cr	2636	3124	-16%	34827	27566	26%
1.10	Closing Debtors	Rs Cr	12899	11683	10%	12899	11683	10%
1.11	Adj Closing Debtors	Rs Cr	12899	11683	10%	12899	11683	10%
<b>KPIs</b>								
3.5.19	ARR	Rs/kWh	4.59	7.34	-38%	6.41	5.54	16%
3.6.19	AMC	kWh/bill/Mth	258	260	-1%	263	246	7%
3.7.19	ACPB	Rs/bill/Mth	1181	1909	-38%	1687	1359	24%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.19	Discom Sales	MU	4674 (85%)	4527 (93%)	3%	49804 (88%)	44525 (93%)	12%
2.01	Discom Losses	MU	399 (7%)	368 (8%)	8%	3960 (7%)	3464 (7%)	14%
2.02	Discom Input	MU	5257 (96%)	5117 (106%)	4%	53150 (94%)	47493 (99%)	12%
4.12.4	Transmission Loss	MU	147 (3%)	137 (3%)	7%	1538 (3%)	1262 (3%)	22%
4.1.11	Discom Purchases	MU	5502	4843	14%	56517	48089	18%
4.2.11	Power Purchase Cost	Rs. Cr	2251 (70%)	2034 (69%)	11%	24324 (70%)	20226 (67%)	20%
<b>Contracted Network Capacity (MW)</b>								
2.03	STU	MW	12843	11909	8%	12843	11909	8%
2.04	CTU	MW	1722	1643	5%	1857	2228	-17%
2.05	Distribution	MW	11334	10365	9%	11334	10365	9%
<b>Capacity Charges</b>								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.6	1.4	14%	1.6	1.3	17%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.1	4.7	-34%	3.5	3.7	-4%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	6.0	6.1	-2%	6.3	6.9	-9%
<b>Network Cost (Rs. Cr)</b>								
2.09	STU Cost	Rs Cr	203 (6%)	170 (6%)	20%	1993 (6%)	1571 (5%)	27%
2.10	CTU Cost	Rs Cr	54 (2%)	77 (3%)	-30%	652 (2%)	815 (3%)	-20%
2.11	Distribution Network Cost	Rs Cr	681 (21%)	636 (22%)	7%	7133 (21%)	7127 (24%)	1%
2.12	O&M Cost	Rs Cr	372	413	-10%	4532	4872	-7%
2.13	HR Cost	Rs Cr	307	353	-13%	3824	4164	-8%
2.14	A&G Cost	Rs Cr	16	16	-1%	188	220	-14%
2.15	R & M Cost	Rs Cr	49	44	11%	519	488	6%
2.16	Depreciation	Rs Cr	131	105	25%	1165	1104	6%
2.17	ROCE	Rs Cr	129	80	60%	1098	732	50%
2.18	Others	Rs Cr	50	38	32%	338	419	-19%
2.19	Network Cost	Rs Cr	938 (29%)	882 (30%)	6%	9912 (29%)	9513 (32%)	4%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.20	B&C Cost and Supply Margin	Rs Cr	14	14	0%	168	181	-7%
2.21	Interest on Security Deposits	Rs Cr	18	18	-1%	181	173	5%
2.22	Retail Supply Cost	Rs Cr	32 (1%)	32 (1%)	-1%	350 (1%)	354 (1%)	-1%
<b>Cost of Service (Rs. Cr)</b>								
2.23	Cost of Service	Rs Cr	3222	2948	9%	34587	30093	15%
7.2.2	ERC Disallowed Debt	Rs Cr	143	115	24%	9526	5357	78%
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.09	4.20	-3%	4.30	4.21	2%
2.24	STU Cost per Unit	Rs/kWh	0.37	0.35	5%	0.35	0.33	8%
2.25	CTU Cost per Unit	Rs/kWh	0.10	0.16	-39%	0.12	0.17	-32%
2.26	CTU Cost Per Unit on CGS purchases	Rs/kWh	0.42	0.70	-39%	0.62	0.80	-23%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.24	1.31	-6%	1.27	1.48	-14%
2.28	Network Cost per Unit	Rs/kWh	1.70	1.86	-8%	1.75	1.98	-11%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.06	0.07	-12%	0.06	0.07	-16%
2.30	Cost of Service per Unit	Rs/kWh	5.86	6.09	-4%	6.12	6.26	-2%
<b>KPIs on Sales basis</b>								
2.31	Energy Cost on Sales Basis	Rs/kWh	4.82	4.49	7%	4.88	4.54	8%

2.32	STU Cost per Unit	Rs/kWh	0.43	0.42	4%		0.40	0.35	13%
2.33	CTU Cost per Unit	Rs/kWh	0.11	0.17	-32%		0.13	0.18	-28%
2.34	Distribution Network Cost per Unit	Rs/kWh	1.46	1.40	4%		1.43	1.60	-11%
2.35	Network Cost per Unit	Rs/kWh	2.01	1.95	3%		1.99	2.14	-7%
2.36	Retail Supply Cost per Unit	Rs/kWh	0.07	0.07	-4%		0.07	0.08	-12%
2.37	ACS	Rs/kWh	6.89	6.51	6%		6.94	6.76	3%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	0.31	0.25	20%		1.91	1.20	59%
<b>AT&amp;C Losses</b>									
2.39	Collection $\eta$	%	70%	83%	-16%		96%	79%	22%
2.40	Units Realized	MU	3401	3946	-14%		47333	34600	37%
2.41	Units Unrealized	MU	1856	1171	58%		5817	12892	-55%
2.42	AT&C Losses	%	35%	23%	54%		11%	27%	-60%
<b>ARR-ACS GAP</b>									
2.43	GAP	Rs/kWh	-2.31	0.83	-378%		-0.53	-1.22	-56%

### 3. Sales by Categories

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	LT-1A	316 (7%)	276 (6%)	15%	3081 (6%)	2954 (7%)	4%
3.1.2	LT-1B	605 (13%)	553 (12%)	9%	7997 (16%)	7555 (17%)	6%
3.1.3	LT-1C	164 (4%)	211 (5%)	-23%	3879 (8%)	3778 (8%)	3%
3.1.4	LT-1	1085 (23%)	1040 (23%)	4%	14958 (30%)	14287 (32%)	5%
3.1.5	LT-2	240 (5%)	217 (5%)	11%	2499 (5%)	2043 (5%)	22%
3.1.6	LT-3	139 (3%)	132 (3%)	5%	1269 (3%)	1095 (2%)	16%
3.1.7	LT-4	122 (3%)	108 (2%)	13%	1171 (2%)	1058 (2%)	11%
3.1.8	LT-5	1074 (23%)	1138 (25%)	-6%	11095 (22%)	10975 (25%)	1%
3.1.9	LT-5 A (ii)	756 (16%)	852 (19%)	-11%	7765 (16%)	8188 (18%)	-5%
3.1.10	LT-5 excluding A(ii)	318 (7%)	287 (6%)	11%	3329 (7%)	2787 (6%)	19%
3.1.11	LT	2660 (57%)	2635 (58%)	1%	30991 (62%)	29459 (66%)	5%
3.1.12	HT-1	4 (0%)	4 (0%)	-6%	53 (0%)	53 (0%)	1%
3.1.13	HT-2	123 (3%)	105 (2%)	17%	1260 (3%)	978 (2%)	29%
3.1.14	HT-3	1558 (33%)	1340 (30%)	16%	14270 (29%)	10645 (24%)	34%
3.1.15	HT-4	211 (5%)	158 (3%)	33%	1889 (4%)	1187 (3%)	59%
3.1.16	HT-5	93 (2%)	229 (5%)	-59%	985 (2%)	1557 (3%)	-37%
3.1.17	Rescos	25 (1%)	57 (1%)	-56%	356 (1%)	647 (1%)	-45%
3.1.18	HT	2014 (43%)	1892 (42%)	6%	18813 (38%)	15066 (34%)	25%
3.1.19	Discom Sales	4674	4527	3%	49804	44525	12%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	2659	2635	1%	30963	29459	5%
3.2.2	11KV	565	345	64%	4631	4120	12%
3.2.3	33KV	529	490	8%	5297	4091	30%
3.2.4	EHT	920	1057	-13%	8912	6855	30%
3.1.19	Discom Sales	4674	4527	3%	49804	44525	12%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	LT-1A	73 (3%)	171 (5%)	-58%	932 (3%)	914 (4%)	2%
3.3.2	LT-1B	185 (9%)	274 (8%)	-32%	2891 (9%)	2568 (10%)	13%
3.3.3	LT-1C	85 (4%)	105 (3%)	-19%	2313 (7%)	2138 (9%)	8%
3.3.4	LT-1	343 (16%)	550 (17%)	-38%	6137 (19%)	5620 (23%)	9%
3.3.5	LT-2	258 (12%)	239 (7%)	8%	2726 (9%)	2253 (9%)	21%
3.3.6	LT-3	103 (5%)	106 (3%)	-3%	1056 (3%)	914 (4%)	16%
3.3.7	LT-4	44 (2%)	217 (7%)	-80%	1517 (5%)	655 (3%)	132%
3.3.8	LT-5	96 (4%)	1030 (31%)	-91%	7196 (23%)	5096 (21%)	41%
3.3.9	LT-5 A (ii)	42 (2%)	926 (28%)	-96%	6114 (19%)	3818 (15%)	60%
3.3.10	LT-5 excluding A(ii)	55 (3%)	104 (3%)	-47%	1082 (3%)	1278 (5%)	-15%
3.3.11	LT	843 (39%)	2143 (64%)	-61%	18630 (58%)	14538 (59%)	28%
3.3.12	HT-1	3 (0%)	3 (0%)	-7%	43 (0%)	38 (0%)	13%
3.3.13	HT-2	140 (7%)	128 (4%)	10%	1436 (4%)	1145 (5%)	25%
3.3.14	HT-3	1012 (47%)	905 (27%)	12%	10132 (32%)	7803 (32%)	30%
3.3.15	HT-4	141 (7%)	119 (4%)	19%	1343 (4%)	861 (3%)	56%
3.3.16	HT-5	3 (0%)	24 (1%)	-89%	315 (1%)	218 (1%)	44%
3.3.17	Rescos	1 (0%)	3 (0%)	-69%	28 (0%)	43 (0%)	-34%
3.3.18	HT	1300 (61%)	1182 (36%)	10%	13297 (42%)	10109 (41%)	32%
3.3.19	Discom Collections	2143	3324	-36%	31927	24646	30%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	LT-1A	82,98,238(46%)	72,08,516(41%)	15%	87,09,446(46%)	80,45,393(44%)	8%
3.4.2	LT-1B	54,91,447(30%)	56,65,971(33%)	-3%	66,03,886(35%)	64,13,581(35%)	3%
3.4.3	LT-1C	7,85,575(4%)	11,65,483(7%)	-33%	16,30,029(9%)	28,23,593(16%)	-42%
3.4.4	LT-1	1,45,75,260(80%)	1,40,39,970(81%)	4%	1,49,82,754(79%)	1,44,11,238(79%)	4%
3.4.5	LT-2	15,74,161(9%)	14,59,853(8%)	8%	16,39,723(9%)	15,36,775(8%)	7%
3.4.6	LT-3	81,759(0%)	78,064(0%)	5%	97,587(1%)	93,248(1%)	5%
3.4.7	LT-4	3,40,484(2%)	3,25,375(2%)	5%	3,50,922(2%)	3,31,152(2%)	6%
3.4.8	LT-5	15,62,677(9%)	14,94,721(9%)	5%	18,48,098(10%)	17,57,361(10%)	5%
3.4.9	LT-5 A (ii)	14,66,736(8%)	14,16,340(8%)	4%	17,46,899(9%)	16,72,166(9%)	4%
3.4.10	LT-5 excluding A(ii)	95,941(1%)	78,381(0%)	22%	1,02,493(1%)	93,039(1%)	10%
3.4.11	LT	1,81,34,341(100%)	1,73,97,983(100%)	4%	1,89,18,391(100%)	1,81,19,223(100%)	4%
3.4.12	HT-1	113(0%)	106(0%)	7%	113(0%)	106(0%)	7%
3.4.13	HT-2	4,479(0.02%)	4,181(0.02%)	7%	4,479(0.02%)	4,186(0.02%)	7%
3.4.14	HT-3	6,307(0.03%)	5,870(0.03%)	7%	6,345(0.03%)	5,926(0.03%)	7%
3.4.15	HT-4	718(0%)	607(0%)	18%	718(0%)	612(0%)	17%
3.4.16	HT-5	714(0%)	845(0%)	-16%	715(0%)	950(0.01%)	-25%
3.4.17	Rescos	1(0%)	81(0%)	-99%	82(0%)	81(0%)	1%
3.4.18	HT	12,332(0.07%)	11,690(0.07%)	5%	12,452(0.07%)	11,861(0.07%)	5%
3.4.19	Discom Bills	1,81,46,673	1,74,09,673	4%	1,89,30,843	1,81,31,084	4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	LT-1A	2.29	6.20	-63%	3.03	3.10	-2%
3.5.2	LT-1B	3.06	4.95	-38%	3.61	3.40	6%
3.5.3	LT-1C	5.19	4.95	5%	5.96	5.66	5%
3.5.4	LT-1	3.16	5.29	-40%	4.10	3.93	4%
3.5.5	LT-2	10.73	11.05	-3%	10.91	11.03	-1%
3.5.6	LT-3	7.40	8.06	-8%	8.32	8.35	0%
3.5.7	LT-4	3.57	20.19	-82%	12.96	6.19	109%
3.5.8	LT-5	0.90	9.05	-90%	6.49	4.64	40%
3.5.9	LT-5 A (ii)	0.55	10.87	-95%	7.87	4.66	69%
3.5.10	LT-5 excluding A(ii)	1.72	3.62	-53%	3.25	4.59	-29%
3.5.11	LT	3.17	8.13	-61%	6.01	4.93	22%
3.5.12	HT-1	7.01	7.10	-1%	8.12	7.26	12%
3.5.13	HT-2	11.40	12.17	-6%	11.40	11.71	-3%
3.5.14	HT-3	6.50	6.75	-4%	7.10	7.33	-3%
3.5.15	HT-4	6.71	7.56	-11%	7.11	7.26	-2%
3.5.16	HT-5	0.28	1.05	-73%	3.19	1.40	128%
3.5.17	Rescos	0.40	0.57	-29%	0.79	0.67	19%
3.5.18	HT	6.46	6.25	3%	7.07	6.71	5%
3.5.19	ARR	4.59	7.34	-38%	6.41	5.54	16%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	LT-1A	38	38	0%	35	37	-4%
3.6.2	LT-1B	110	98	13%	121	118	3%
3.6.3	LT-1C	208	181	15%	238	134	78%
3.6.4	LT-1	74	74	0%	100	99	1%
3.6.5	LT-2	153	148	3%	152	133	15%

3.6.6	LT-3	1696	1687	1%	1300	1174	11%
3.6.7	LT-4	359	331	8%	334	320	4%
3.6.8	LT-5	687	761	-10%	600	625	-4%
3.6.9	LT-5 A (ii)	516	601	-14%	445	490	-9%
3.6.10	LT-5 excluding A(ii)	3312	3657	-9%	3248	2995	8%
3.6.11	LT	147	151	-3%	164	163	1%
3.6.12	HT-1	36106	40943	-12%	47110	49624	-5%
3.6.13	HT-2	27430	25104	9%	28132	23353	20%
3.6.14	HT-3	246999	228228	8%	224898	179635	25%
3.6.15	HT-4	293315	260000	13%	263093	193955	36%
3.6.16	HT-5	130910	270805	-52%	137746	163899	-16%
3.6.17	Rescos	25220000	700617	3500%	434521	798705	-46%
3.6.18	HT	163319	161882	1%	151086	127024	19%
3.6.19	AMC	258	260	-1%	263	246	7%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	LT-1A	87	237	-63%	107	114	-6%
3.7.2	LT-1B	338	484	-30%	436	400	9%
3.7.3	LT-1C	1081	899	20%	1417	757	87%
3.7.4	LT-1	235	392	-40%	408	390	5%
3.7.5	LT-2	1637	1639	0%	1660	1466	13%
3.7.6	LT-3	12553	13589	-8%	10736	9798	10%
3.7.7	LT-4	1278	6683	-81%	4319	1978	118%
3.7.8	LT-5	616	6890	-91%	3895	2900	34%
3.7.9	LT-5 A (ii)	284	6538	-96%	3500	2283	53%
3.7.10	LT-5 excluding A(ii)	5698	13248	-57%	10574	13734	-23%
3.7.11	LT	465	1231	-62%	983	802	23%
3.7.12	HT-1	253097	290566	-13%	375750	360402	4%
3.7.13	HT-2	312637	305405	2%	320279	273565	17%
3.7.14	HT-3	1604963	1540988	4%	1606127	1316724	22%
3.7.15	HT-4	1968802	1964909	0%	1874131	1407624	33%
3.7.16	HT-5	36835	284024	-87%	190585	229283	-17%
3.7.17	Rescos	10100000	396296	2449%	345261	531453	-35%
3.7.18	HT	1054282	1010958	4%	1058310	852254	24%
3.7.19	ACPB	1181	1909	-38%	1679	1359	23%

## 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	2046 (37%)	1690 (35%)	21%	2826 (49%)	-28%	17492 (31%)	11601 (24%)	51%	25514 (46%)	-31%
4.1.2	State Hydel	245 (4%)	233 (5%)	5%	269 (5%)	-9%	3203 (6%)	3194 (7%)	0%	2622 (5%)	22%
4.1.3	CGS	1260 (23%)	1103 (23%)	14%	1206 (21%)	4%	10510 (19%)	10159 (21%)	3%	11142 (20%)	-6%
4.1.4	Gas	43 (1%)	112 (2%)	-61%	97 (2%)	-55%	967 (2%)	1879 (4%)	-49%	834 (1%)	16%
4.1.5	IPPs	169 (3%)	169 (3%)	0%	137 (2%)	23%	1482 (3%)	3188 (7%)	-53%	1331 (2%)	11%
4.1.6	VRE-Wind	265 (5%)	330 (7%)	-20%	457 (8%)	-42%	7465 (13%)	5379 (11%)	39%	6648 (12%)	12%
4.1.7	VRE-Solar	760 (14%)	578 (12%)	31%	572 (10%)	33%	5944 (11%)	5081 (11%)	17%	6367 (11%)	-7%
4.1.8	RE-Others	29 (1%)	39 (1%)	-26%	63 (1%)	-54%	210 (0%)	272 (1%)	-23%	373 (1%)	-44%
4.1.9	Markets	660 (12%)	589 (12%)	12%	124 (2%)	431%	9082 (16%)	7339 (15%)	24%	1037 (2%)	776%
4.1.10	Others	24 (0%)	0 (0%)	-	0 (0%)	-	162 (0%)	-4 (0%)	-	0 (0%)	-
4.1.11	Discom Purchases	5502	4843	14%	5751	-4%	56517	48089	18%	55868	1%
								4096%			

### 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	1001 (44%)	806 (40%)	24%	1316 (58%)	-24%	8542 (35%)	6184 (31%)	38%	12120 (56%)	-30%
4.2.2	State Hydel	51 (2%)	50 (2%)	2%	51 (2%)	0%	512 (2%)	501 (2%)	2%	512 (2%)	0%
4.2.3	CGS	504 (22%)	416 (20%)	21%	481 (21%)	5%	4100 (17%)	4230 (21%)	-3%	4513 (21%)	-9%
4.2.4	Gas	14 (1%)	28 (1%)	-49%	23 (1%)	-37%	249 (1%)	507 (3%)	-51%	200 (1%)	25%
4.2.5	IPPs	61 (3%)	67 (3%)	-9%	55 (2%)	11%	575 (2%)	1290 (6%)	-55%	543 (3%)	6%
4.2.6	VRE-Wind	64 (3%)	156 (8%)	-59%	111 (5%)	-42%	3166 (13%)	2536 (13%)	25%	1615 (7%)	96%
4.2.7	VRE-Solar	259 (12%)	256 (13%)	1%	144 (6%)	80%	2433 (10%)	2292 (11%)	6%	1597 (7%)	52%
4.2.8	RE-Others	12 (1%)	17 (1%)	-32%	32 (1%)	-64%	97 (0%)	123 (1%)	-21%	192 (1%)	-49%
4.2.9	Markets	275 (12%)	233 (11%)	18%	46 (2%)	496%	4524 (19%)	2520 (12%)	80%	386 (2%)	1071%
4.2.10	Others	9 (0%)	4 (0%)	115%	0 (0%)	-	125 (1%)	44 (0%)	187%	0 (0%)	-
4.2.11	Power Purchase Cost	2251	2034	11%	2260	0%	24324	20226	20%	21679	12%

### 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	308	252	22%	352	-12%	2058	2488	-17%	3518	-42%
4.3.2	State Hydel	51	50	2%	51	0%	392	501	-22%	512	-23%
4.3.3	CGS	109	127	-14%	125	-13%	911	1159	-21%	1252	-27%
4.3.4	Gas	2	3	-17%	2	28%	13	35	-62%	17	-21%
4.3.5	IPPs	24	28	-14%	23	3%	185	354	-48%	233	-20%
4.3.6	Fixed Cost	494	460	7%	553	-11%	3560	4537	-22%	5531	-36%

#### 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	693	554	25%	964	-28%	4491	3696	22%	8601	-48%
4.4.2	CGS	395	289	37%	356	11%	2232	3071	-27%	3262	-32%
4.4.3	Gas	12	26	-52%	21	-43%	178	471	-62%	184	-3%
4.4.4	IPPs	37	39	-5%	32	17%	255	936	-73%	310	-18%
4.4.5	VRE-Wind	64	156	-59%	111	-42%	3166	2536	25%	1615	96%
4.4.6	VRE-Solar	259	256	1%	144	80%	2412	2292	5%	1597	51%
4.4.7	RE-Others	12	17	-32%	32	-64%	73	123	-41%	192	-62%
4.4.8	Markets	275	233	18%	46	496%	3468	2520	38%	386	798%
4.4.9	Variable Cost	1748	1570	11%	1707	2%	16275	15645	4%	16148	1%

#### 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	4.89	4.77	3%	4.66	5%	4.88	5.33	-8%	4.75	3%
4.5.2	State Hydel	2.09	2.15	-3%	1.90	10%	1.60	1.57	2%	1.95	-18%
4.5.3	CGS	4.00	3.77	6%	3.99	0%	3.90	4.16	-6%	4.05	-4%
4.5.4	Gas	3.32	2.53	31%	2.37	40%	2.58	2.70	-4%	2.40	7%
4.5.5	IPPs	3.63	3.99	-9%	4.03	-10%	3.88	4.05	-4%	4.08	-5%
4.5.6	VRE-Wind	2.42	4.73	-49%	2.43	0%	4.24	4.71	-10%	2.43	75%
4.5.7	VRE-Solar	3.41	4.43	-23%	2.52	35%	4.09	4.51	-9%	2.51	63%
4.5.8	RE-Others	4.00	4.33	-8%	5.14	-22%	4.62	4.52	2%	5.14	-10%
4.5.9	Markets	4.17	3.95	6%	3.72	12%	4.98	3.43	45%	3.72	34%
4.5.10	Others	3.88	0.00	-	0.00	-	7.75	-108.02	-107%	0.00	-
4.5.11	Weighted Average	4.09	4.20	-3%	3.93	4%	4.30	4.21	2%	3.88	11%

#### 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	1.51	1.49	1%	1.25	21%	1.18	2.14	-45%	1.38	-15%
4.6.2	State Hydel	2.09	2.15	-3%	1.90	10%	1.23	1.57	-22%	1.95	-37%
4.6.3	CGS	0.86	1.15	-25%	1.04	-17%	0.87	1.14	-24%	1.12	-23%
4.6.4	Gas	0.49	0.23	113%	0.17	187%	0.14	0.19	-27%	0.20	-31%
4.6.5	IPPs	1.42	1.66	-15%	1.70	-16%	1.25	1.11	13%	1.75	-29%
4.6.6	Average FC	0.92	0.96	-5%	0.96	-5%	0.65	0.95	-32%	0.99	-35%

#### 4.7 Variable Cost per Unit by Source (Rs/kWh)

#	Source	Month					YTD				
		CY	PY	% ↑	ERC	% δ ERC	CY	PY	% ↑	ERC	% δ ERC
4.7.1	State Thermal	3.39	3.28	3%	3.41	-1%	3.71	3.19	16%	3.37	10%
4.7.2	CGS	3.14	2.62	20%	2.95	6%	3.03	3.02	0%	2.93	4%
4.7.3	Gas	2.83	2.30	23%	2.20	29%	2.44	2.51	-3%	2.20	11%
4.7.4	IPPs	2.21	2.33	-5%	2.33	-5%	2.63	2.94	-10%	2.33	13%
4.7.5	VRE-Wind	2.42	4.73	-49%	2.43	0%	4.24	4.71	-10%	2.43	75%
4.7.6	VRE-Solar	3.41	4.43	-23%	2.52	35%	4.09	4.51	-9%	2.51	63%
4.7.7	RE-Others	4.00	4.33	-8%	5.14	-22%	4.62	4.52	2%	5.14	-10%
4.7.8	Markets	4.17	3.95	6%	3.72	12%	4.98	3.43	45%	3.72	34%
4.7.9	Average VC	3.18	3.24	-2%	2.97	7%	3.66	3.25	12%	2.89	27%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1281	1184	8%	15122	13382	13%
4.8.2	11KV	272	155	76%	2262	1871	21%
4.8.3	33KV	255	220	16%	2587	1858	39%
4.8.4	EHT	443	475	-7%	4353	3114	40%
4.2.11	Power Purchase Cost	2251	2034	11%	24324	20226	20%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	534	513	4%	6162	6294	-2%
4.9.2	11KV	113	67	69%	922	880	5%
4.9.3	33KV	106	95	11%	1054	874	21%
4.9.4	EHT	185	206	-10%	1774	1465	21%
2.19	Network Cost	938	882	6%	9912	9513	4%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	19	19	1%	218	234	-7%
4.10.2	11KV	4	2	63%	33	33	0%
4.10.3	33KV	4	3	8%	37	33	15%
4.10.4	EHT	6	7	-13%	63	55	15%
2.22	Retail Supply Cost	33	32	3%	351	354	-1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	1833	1716	7%	21503	19911	8%
4.11.2	11KV	390	225	73%	3216	2784	16%
4.11.3	33KV	365	319	14%	3679	2765	33%
4.11.4	EHT	634	689	-8%	6189	4633	34%
2.23	Cost of Service	3222	2948	9%	34587	30093	15%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	133	132	1%	1070	961	1%
4.12.2	11KV	103	112	10%	1201	1139	10%
4.12.3	33KV	163	124	36%	1689	1364	36%
4.12.4	EHT	147	137	-8%	1538	1262	-8%
4.12.5	Loss	546	505	9%	5498	4726	9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	1903	1784	7%	22115	20381	9%
4.13.2	11KV	385	223	73%	3197	2760	16%
4.13.3	33KV	350	305	15%	3541	2653	33%
4.13.4	EHT	584	637	-8%	5733	4299	33%
2.23	Cost of Service	3222	2948	9%	34587	30093	15%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.2	6.8	6%	7.1	6.9	3%
4.14.2	11KV	6.8	6.4	6%	6.9	6.7	3%
4.14.3	33KV	6.6	6.2	6%	6.7	6.5	3%
4.14.4	EHT	6.4	6.0	5%	6.4	6.3	3%
2.37	ACS	6.9	6.5	6%	6.9	6.8	3%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	<b>Subsidy</b>	<b>2267</b>	<b>2268</b>	<b>2229</b>	<b>2222</b>	<b>8986</b>
5.1.2	Agriculture Subsidy	1824	1824	1824	1825	7297
5.1.3	Aquaculture Subsidy	256	231	206	208	900
5.1.4	SC Colonies Subsidy	125	146	132	126	529
5.1.5	ST Thandas Subsidy	25	30	29	26	111
5.1.6	Other Subsidy	36	37	38	39	149
5.1.7	<b>Govt Agencies</b>	<b>1139</b>	<b>1397</b>	<b>1621</b>	<b>1175</b>	<b>5333</b>
5.1.8	Panchayats	328	370	432	315	1445
5.1.9	WR Dept	334	455	600	335	1724
5.1.10	ULB	139	171	179	140	628
5.1.11	Other Govt Dept	338	402	410	386	1536
5.1.12	<b>Govt serviced debt</b>	<b>361</b>	<b>541</b>	<b>611</b>	<b>136</b>	<b>1649</b>
5.1.13	<b>UDAY Receivables</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>32</b>
5.1.14	<b>Private Customers Receivables</b>	<b>6758</b>	<b>7027</b>	<b>6364</b>	<b>5973</b>	<b>26123</b>
5.1.15	<b>Total</b>	<b>10525</b>	<b>11265</b>	<b>10825</b>	<b>9507</b>	<b>42122</b>
5.1.16	<b>Opex Loans</b>	<b>4819</b>	<b>1246</b>	<b>1167</b>	<b>0</b>	<b>7233</b>
5.1.17	<b>Capex Loans</b>	<b>170</b>	<b>69</b>	<b>60</b>	<b>0</b>	<b>299</b>

### 5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	DEMAND	COLLECTIONS		BALANCE	% ↑	% Δ ERC
				CY	PY			
5.2.1	<b>Subsidy</b>	<b>736</b>	<b>724</b>	<b>36</b>	<b>1051</b>	<b>688</b>	<b>-97%</b>	<b>-95%</b>
5.2.2	Agriculture Subsidy	608	608	36	920	573	-96%	-94%
5.2.3	Aquaculture Subsidy	77	73	0	0	73	-	-100%
5.2.4	SC Colonies Subsidy	42	34	0	131	34	-100%	-100%
5.2.5	ST Thandas Subsidy	8	8	0	0	8	-	-100%
5.2.6	Other Subsidy	1	1	0	0	1	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>365</b>	<b>420</b>	<b>186</b>	<b>355</b>	<b>234</b>	<b>-48%</b>	<b>-49%</b>
5.2.8	Panchayats	103	95	19	168	75	-88%	-81%
5.2.9	WR Dept	97	128	0	5	127	-89%	-99%
5.2.10	ULB	41	56	38	77	18	-50%	-7%
5.2.11	Other Govt Dept	124	141	128	106	13	21%	3%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>121</b>	<b>89</b>	<b>69</b>	<b>32</b>	<b>28%</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>2245</b>	<b>1965</b>	<b>1923</b>	<b>1917</b>	<b>43</b>	<b>0%</b>	<b>-14%</b>
5.2.15	<b>Total</b>	<b>3346</b>	<b>3230</b>	<b>2233</b>	<b>3393</b>	<b>997</b>	<b>-34%</b>	<b>-33%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>578</b>	<b>0</b>	<b>-100%</b>	<b>-</b>
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>312</b>	<b>0</b>	<b>-312</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>14034</b>	<b>7361</b>	<b>7386</b>	<b>7233</b>	<b>4230</b>	<b>14187</b>	<b>6079</b>	<b>71%</b>	<b>-2%</b>
5.3.2	Agriculture Subsidy	12127	6082	6082	6561	3766	11648	4787	74%	8%
5.3.3	Aquaculture Subsidy	1176	771	794	460	332	1510	763	39%	-40%
5.3.4	SC Colonies Subsidy	552	417	416	213	131	755	379	62%	-49%
5.3.5	ST Thandas Subsidy	167	78	88	0	0	255	139	-	-100%
5.3.6	Other Subsidy	12	13	7	0	0	19	11	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>8109</b>	<b>3650</b>	<b>4214</b>	<b>2994</b>	<b>1649</b>	<b>9329</b>	<b>6452</b>	<b>82%</b>	<b>-18%</b>
5.3.8	Panchayats	3710	1028	1172	1247	341	3635	3056	266%	21%
5.3.9	WR Dept	3728	971	1352	285	47	4795	2868	505%	-71%

5.3.10	ULB	441	412	521	380	376	582	336	1%	-8%
5.3.11	Other Govt Dept	229	1240	1168	1081	885	316	192	22%	-13%
5.3.12	<b>Govt serviced debt</b>	220	0	1690	1124	523	786	0	115%	-
5.3.13	<b>UDAY Receivables</b>	3475	0	32	0	0	3507	3444	-	-
5.3.14	<b>Private Customers Receivables</b>	3059	22373	22681	22382	18768	3357	2612	19%	0%
5.3.15	<b>Total</b>	<b>28897</b>	<b>33384</b>	<b>36003</b>	<b>33733</b>	<b>25170</b>	<b>31167</b>	<b>18586</b>	<b>34%</b>	<b>1%</b>
5.3.16	<b>Opex Loans</b>	0	0	7233	8085	3598	-852	0	125%	-
5.3.17	<b>Capex Loans</b>	0	0	299	562	238	-263	0	136%	-

## 6. Payables

### 6.1 Expenditure for FY22 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	<b>PP Cost</b>	<b>9101</b>	<b>7524</b>	<b>6651</b>	<b>6849</b>	<b>30125</b>
6.1.2	State Thermal	2765	2519	2695	3679	11659
6.1.3	State Hydel	221	154	153	154	682
6.1.4	CGS	1406	1183	1416	1660	5665
6.1.5	IPPs Gas	131	84	53	58	326
6.1.6	IPPs Thermal	217	173	163	171	724
6.1.7	VRE- Wind	1130	1403	552	283	3368
6.1.8	VRE- Solar	1208	726	390	446	2769
6.1.9	RE-Others	38	26	44	75	182
6.1.10	Market	1936	1217	1167	322	4642
6.1.11	Other	50	41	18	0	109
6.1.12	Wind @ interim rate	399	602	423	283	1707
6.1.13	Solar @ interim rate	325	280	295	446	1346
6.1.14	<b>CTU Cost</b>	<b>175</b>	<b>242</b>	<b>266</b>	<b>318</b>	<b>1001</b>
6.1.15	<b>STU Cost</b>	<b>614</b>	<b>602</b>	<b>600</b>	<b>621</b>	<b>2436</b>
6.1.16	<b>Distribution Cost</b>	<b>1901</b>	<b>1661</b>	<b>2202</b>	<b>1825</b>	<b>7588</b>
6.1.17	O&M Cost	1368	1263	1619	1324	5573
6.1.18	HR Cost	1127	1099	1400	1089	4716
6.1.19	A&G Cost	79	69	73	84	305
6.1.20	R&M Cost	162	95	145	150	553
6.1.21	Depreciation	343	339	382	376	1440
6.1.22	ROCE	304	324	353	388	1369
6.1.23	Others	189	59	201	126	575
6.1.24	<b>Cost of Service</b>	<b>11790</b>	<b>10029</b>	<b>9718</b>	<b>9613</b>	<b>41150</b>
7.1.1	Capex Debt service (P+I)	392	378	429	397	1595
7.1.2	Opex Debt service (P+I)	3267	3290	3359	1899	11816

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

#	Item	ERC-BE	EXPENDITURE	PAID		BALANCE	% ↑	% δ ERC
				CY	PY			
6.2.1	<b>PP Cost</b>	<b>2252</b>	<b>2252</b>	<b>1488</b>	<b>3304</b>	<b>764</b>	<b>-55%</b>	<b>-34%</b>
6.2.2	State Thermal	1261	1002	736	1958	266	-62%	-42%
6.2.3	State Hydel	51	52	52	52	0	0%	2%
6.2.4	CGS	478	712	348	860	364	-60%	-27%
6.2.5	IPPs Gas	23	14	13	30	1	-57%	-44%
6.2.6	IPPs Thermal	55	61	60	55	1	9%	9%
6.2.7	VRE- Wind	111	64	3	58	61	-95%	-97%
6.2.8	VRE- Solar	144	60	0	56	60	-100%	-100%
6.2.9	RE-Others	25	12	9	7	3	29%	-64%
6.2.10	Market	103	275	267	228	8	17%	159%
6.2.11	Other	0	0	0	0	0	-	0%
6.2.12	Wind @ interim rate	111	64	3	58	61	-95%	-97%
6.2.13	Solar @ interim rate	144	60	0	56	60	-100%	-100%
6.2.14	<b>CTU Cost</b>	<b>109</b>	<b>53</b>	<b>86</b>	<b>86</b>	<b>-33</b>	<b>0%</b>	<b>-21%</b>
6.2.15	<b>STU Cost</b>	<b>183</b>	<b>203</b>	<b>189</b>	<b>151</b>	<b>14</b>	<b>25%</b>	<b>3%</b>
6.2.16	<b>Distribution Cost</b>	<b>762</b>	<b>713</b>	<b>454</b>	<b>496</b>	<b>0</b>	<b>-9%</b>	<b>-41%</b>
6.2.17	O&M Cost	495	375	375	416	0	-10%	-24%
6.2.18	HR Cost	406	307	307	353	0	-13%	-25%
6.2.19	A&G Cost	29	18	18	20	0	-5%	-35%
6.2.20	R&M Cost	60	49	49	44	0	11%	-18%
6.2.21	Depreciation	109	131	0	36	0	-100%	-100%
6.2.22	ROCE	130	129	0	0	0	-	-100%

6.2.23	Others	28	79	79	44	0	80%	181%
6.2.24	<b>Cost of Service</b>	<b>3306</b>	<b>3221</b>	<b>2217</b>	<b>4037</b>	<b>745</b>	<b>-45%</b>	<b>-33%</b>
7.2.1	Capex Debt service (P+I)	144	139	139	110	0	27%	-3%
7.2.2	Opex Debt service (P+I)	0	376	143	115	234	24%	0%

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	EXPENDITURE	PAID		CB	OD > 180 DAYS	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	<b>13327</b>	<b>21647</b>	<b>24331</b>	<b>27885</b>	<b>23587</b>	<b>9773</b>	<b>3409</b>	<b>18%</b>	<b>29%</b>
6.3.2	State Thermal	4748	12123	8543	12834	9314	458	785	38%	6%
6.3.3	State Hydel	130	513	514	544	541	99	130	1%	6%
6.3.4	CGS	2137	4512	4458	6426	7802	170	60	-18%	42%
6.3.5	IPPs Gas	93	200	249	297	635	45	39	-53%	49%
6.3.6	IPPs Thermal	661	542	575	680	1470	557	342	-54%	25%
6.3.7	VRE- Wind	3847	1616	3166	1404	554	5609	1518	153%	-13%
6.3.8	VRE- Solar	1640	1596	2083	359	287	3364	535	25%	-78%
6.3.9	RE-Others	99	173	98	204	125	-7	0	63%	18%
6.3.10	Market	-29	372	4523	3970	2563	525	0	55%	966%
6.3.11	Other	0	0	121	1167	295	-1046	0	296%	-
6.3.12	Wind @ interim rate	251	1616	1565	949	506	868	0	87%	-41%
6.3.13	Solar @ interim rate	108	1596	1084	298	235	895	0	26%	-81%
6.3.14	<b>CTU Cost</b>	<b>127</b>	<b>1187</b>	<b>646</b>	<b>892</b>	<b>835</b>	<b>-119</b>	<b>0</b>	<b>7%</b>	<b>-25%</b>
6.3.15	<b>STU Cost</b>	<b>1642</b>	<b>1970</b>	<b>1993</b>	<b>1696</b>	<b>1117</b>	<b>1939</b>	<b>268</b>	<b>52%</b>	<b>-14%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>7742</b>	<b>7612</b>	<b>5305</b>	<b>5160</b>	<b>0</b>	<b>0</b>	<b>3%</b>	<b>-31%</b>
6.3.17	O&M Cost	0	4872	4673	4673	4646	0	0	1%	-4%
6.3.18	HR Cost	0	3972	3953	3953	3902	0	0	1%	0%
6.3.19	A&G Cost	0	287	223	223	254	0	0	-12%	-22%
6.3.20	R&M Cost	0	614	497	497	490	0	0	1%	-19%
6.3.21	Depreciation	0	1105	1151	0	36	0	0	-100%	-100%
6.3.22	ROCE	0	1322	1156	0	0	0	0	-	-100%
6.3.23	Others	0	443	632	632	478	0	0	32%	43%
6.3.24	<b>Cost of Service</b>	<b>15096</b>	<b>32545</b>	<b>34581</b>	<b>35777</b>	<b>30699</b>	<b>11593</b>	<b>3677</b>	<b>17%</b>	<b>10%</b>
7.3.1	Capex Debt service (P+I)	0	1444	1232	1232	582	0	0	112%	-15%
7.3.2	Opex Debt service (P+I)	0	0	8963	9526	5357	-563	0	78%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	392	378	429	397	1595
7.1.2	ERC disallowable-Opex Debt	3267	3290	3359	1899	11816
7.1.3	<b>Debt Servicing</b>	3659	3668	3788	2295	13411

### 7.2 Debt Servicing during the month (Rs Cr)

#	Item	ERC-BE	DUE	PAID		Over Due	% ↑	% δ ERC
				CY	PY			
7.2.1	ERC allowed-Capex Debt	144	139	139	110	0	27%	-3%
7.2.2	ERC disallowable-Opex Debt	0	376	143	115	234	24%	0%
7.2.3	<b>Debt Servicing</b>	144	516	282	225	234	25%	95%

### 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	1444	1232	1232	582	0	0	112%	-15%
7.3.2	ERC disallowable-Opex Debt	0	0	8963	9526	5357	-563	0	78%	0%
7.3.3	<b>Debt Servicing</b>	0	1444	10195	10758	5939	-563	0	81%	645%

### 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	5309	5092	4%	5831	3903	49%	11140	8995	24%
7.4.2	PFC	482	480	0%	5194	4665	11%	5675	5144	10%
7.4.3	APPFCL	0	0	-	11667	9295	26%	11667	9295	26%
7.4.4	BANKS	1549	1720	-10%	1439	1218	18%	2988	2938	2%
7.4.5	IREDA	0	0	-	874	1388	-37%	874	1388	-37%
7.4.6	ICD	0	0	-	810	663	22%	810	663	22%
7.4.7	PTC	0	0	-	119	164	-28%	119	164	-28%
7.4.8	GOAP	9	0	-	0	0	-	9	0	-
7.4.9	OTHERS	690	690	0%	3993	5631	-29%	4683	6321	-26%
7.4.10	<b>Debt Outstanding</b>	<b>8039</b>	<b>7981</b>	<b>1%</b>	<b>29927</b>	<b>26926</b>	<b>11%</b>	<b>37965</b>	<b>34907</b>	<b>9%</b>

## Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) * 100}{\text{Value in Last Year for given Category}}$
Apr-April, May-May, Jun-June, Jul-July, Aug-August, Sep-September, Oct- October, Nov- November, Dec- December, Jan- January, Feb-February, Mar- March	
FY	Financial Year Ending with March
Mth	Month
YTD	Year to Date
MU	Million Units (10 <sup>6</sup> Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 <sup>3</sup> V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) * 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 <sup>6</sup> Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Year
CY	Current Year
Tariff Categories	
LT-1A	LT Domestic Consumers with consumption < 75units in the month
LT-1B	LT Domestic Consumers with consumption > 75 units and <225 units in the month
LT-1C	LT Domestic Consumers with consumption > 225units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)
LT-3	Industrial (LT)
LT-4	Institutional (LT)
LT-5	Agriculture (LT)
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)
HT-2	Commercial (HT)
HT-3	Industrial (HT)
HT-4	Institutional (HT)
HT-5	Agriculture (HT)
Rescos	Rural Electric Supply Cooperative Societies
Purchases and Payables	
State Thermal	State Owned Thermal Plants
State Hydel	State owned Hydro Plants
CGS	Central Generating Stations (Central owned Thermal)
Gas	Power plants run on Gas as Fuel (Govt+ Private)

IPPs	Independent Power Producers (Private Thermal- Coal)
VRE	Variable Renewable Energy
RE-Others	RE other than Wind and Solar
Markets	Power Procured from Exchanges and Open Markets
Others	Power procured from any other means other than markets
FC	Fixed Cost
VC	Variable Cost
Wind @ interim rate	Power Purchase Cost of Wind at Interim Rate
Solar @ interim rate	Power Purchase Cost of Solar at Interim Rate
CTU Cost	B=Expenditure for using Central Transmission Network for Transmission of Power
STU Cost	A=Expenditure for using State Transmission Network for Transmission of Power
Distribution Cost	C=Expenditure incurred to Discoms for wheeling of Energy through its Network (D+H+I+J)
O&M Cost	D=Operation and Maintenance Cost (E+F+G)
HR Cost	E=Human Resource Cost
A&G Cost	F=Admin and General Cost
R&M Cost	G=Repairs and Maintenance
Depreciation	H=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
ROCE	I=Return on Capital Employed
Others	J=Expenditure for Discoms other than O&M, Depreciation and ROCE
Cost of Service	Power Purchase Cost + CTU Cost + STU Cost+ Distribution Cost
Capex Debt service (P+I)	Expenditure incurred for Capex Debt (Principal + Interest)
Opex Debt service (P+I)	Expenditure incurred for Opex Debt (Principal +Interest)
<b>Receivables Categories</b>	
Subsidy	Receivable from Government Collected for Subsidy Sales
Agriculture Subsidy	Subsidy given for Agriculture Consumption
Aquaculture Subsidy	Subsidy given for Aquaculture Consumption
SC Colonies Subsidy	Subsidy given for SC Colonies Consumption
ST Thandas Subsidy	Subsidy given for ST Colonies Consumption
Other Subsidy	Subsidy given for any other Consumption
Govt Agencies	Receivable from Government Utilities
Panchayats	Receivable from Panchayats
WR Dept	Water Resources Department
ULB	Urban Local Bodies
Other Govt Dept	Receivables from other Gov Agencies
Govt serviced debt	Debt in books of the Discoms but servicing is being met by releases from govt due to commitments in UDAY or APPFCL Loans
UDAY Receivables	Ujjwal DISCOM Assurance Yojana-Financial turnaround and revival package for electricity distribution companies of India initiated by the Government of India
Private Customers Receivables	Receivables Collected from Sales Consumed by Private users
Total	Total receivables
Opex Loans	Receivables as part of Opex Loans
Capex Loans	Receivables as part of Capex Loans
REC	Loans taken from Rural Electrification Corporation Limited
PFC	Loans taken from Power Finance Corporation Ltd.
APPFCL	Loans taken from Andhra Pradesh Power Finance Corporation Limited
BANKS	Loans taken from banks
IREDA	Loans taken from Indian Renewable Energy Development Agency Limited
ICD	Loans taken from Interest on Consumer Deposit
PTC	Loans taken from Power Trading Corporation of India Limited
GOAP	Loans taken from Government of Andhra Pradesh
OTHERS	Loans taken from any other sources

## Glossary

### 1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.9	Agl Consumption	Refer 3.1.9
3.1.19	Discom Sales	<b>D</b> =Refer 3.1.19
1.02	Private Sales	Sales against Pvt connections
1.03	Government Sales	Sales against Govt connections
1.04	Government Subsidy	Sales against Subsidy connections
Collection (Rs Cr)		
1.05	Opening Debtors	<b>G</b> = Opening debtors for sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debtors). Unbilled Revenue shall not be considered as Debtors
5.2.14	Pvt Sales	Refer 5.2.14
5.2.7	Gov Sales	Refer 5.2.7
5.2.1	Gov Subsidy	Refer 5.2.1
1.06	Others	Collections from any other category provided above
3.3.19	Discom Collections	Refer 3.3.19
1.07	Metered Sales	Collections from Metered Sales
3.3.10	Agl Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	<b>E</b> = Revenue from Sale of Energy to all categories of consumers (including Subsidy Booked) but excluding Revenue from Energy Traded /Inter-State Sales.
1.09	Adj Revenue from Sale	<b>F</b> = Revenue from Sale of Energy (same as E above) minus Subsidy Booked plus Subsidy Received against subsidy booked during the year
1.10	Closing Debtors	<b>H</b> = i) Closing debtors for Sale of Energy as shown in Receivable Schedule (Without deducting provisions for doubtful debts). Unbilled Revenue shall not be considered as Debtors ii) Any amount written off during the year directly from(i)
1.11	Adj Closing Debtors	<b>I</b> =H(i+ii)
Key Performance Indicators		
3.5.19	ARR	Refer 3.5.19
3.6.19	AMC	Refer 3.6.19
3.7.19	ACPB	Refer 3.7.19

Note:

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

### 2. Purchases

Power Purchase		
3.1.19	Discom Sales	<b>D</b> =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	<b>C</b> =Input at Discom Periphery
2.03	Transmission Loss	<b>B</b> = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	<b>A</b> =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.04	STU	Contracted Capacity of State Transmission Utility
2.05	CTU	Contracted Capacity of Contracted Transmission Utility
2.06	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.07	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$

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

Note:

1. Energy Purchased (MU) & Power Purchase Cost (Rs Cr) is obtained from APPCC.

### 3. Sales by Categories

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

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

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

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

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

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

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

### 4. Expenditure by Category

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

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

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

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

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

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

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

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

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

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

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

4.12 Cost of Service by Voltage Level (Rs Cr) =  $\frac{\text{Cost of Service(Rs. Cr)*Energy Purchased against sales against specified Voltage (MU)}}{\text{Energy Purchased(MU)}}$

4.13 Average Cost of Service by Voltage Level (Rs/kWh) =  $\frac{\text{Cost of Service by voltage level at specified voltage (Rs. Cr)}}{\text{Sales at Same Voltage Level(MU)}}$

Note:

- ERC data is taken from Tariff order published by APERC in the respective year
- Voltage Wise Cost starting from 4.8 is apportioned voltage wise based on the Consumption Share at that voltage level (losses are not considered)
- Data related to CGS-Solar is included in VRE Solar

## 5. Receivables

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

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

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

- Receivables are obtained from APPCC

## 6. Payables

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

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

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

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

## 7. Debt Servicing

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

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

7.3 Debt Servicing YTD (Rs Cr)- Payments made during the period

7.4 Debt Outstanding (Rs Cr)- Debt Outstanding as on last day of month for current year and 31<sup>st</sup> March for previous Year

- Debt servicing data is obtained from APPCC