

Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators November-2024

Prepared by- Strategic Planning Unit

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1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Energy (MU)								
1.01	Metered Sales	MU	4737 (85%)	5040 (79%)	-6%	39824 (83%)	40211 (81%)	-1%
3.1.12	Agl Consumption	MU	814 (15%)	1369 (21%)	-41%	8163 (17%)	9311 (19%)	-12%
3.1.22	Discom Sales	MU	5551	6409	-13%	47987	49522	-3%
1.02	Private Sales	MU	3588 (65%)	3860 (60%)	-7%	31528 (66%)	32012 (65%)	-2%
1.03	Government Sales	MU	695 (13%)	745 (12%)	-7%	4793 (10%)	4820 (10%)	-1%
1.04	Government Subsidy	MU	1267 (23%)	1803 (28%)	-30%	11665 (24%)	12690 (26%)	-8%
Collection (Rs. Cr)								
1.05	Opening Debtors	Rs Cr	18321	18119	1%	20542	15778	30%
5.2.14	Pvt Sales	Rs Cr	3081	3482	-12%	25874	27564	-6%
5.2.7	Gov Sales	Rs Cr	173	179	-4%	1613	1802	-10%
5.2.1	Gov Subsidy	Rs Cr	874	2914	-70%	9003	8942	1%
1.06	Others	Rs Cr	0	0	-	0	0	-
5.2.15	Discom Collections	Rs Cr	4127	6575	-37%	36490	38308	-5%
1.07	Metered Sales	Rs Cr	3270	3859	-18%	28408	30101	-6%
3.3.12	Agl Consumption	Rs Cr	857	2716	-68%	8081	8213	-2%
1.08	Revenue from Sale	Rs Cr	4029	4967	-19%	38711	36726	5%
1.09	Adj Revenue from Sale	Rs Cr	3978	5300	-25%	39191	36512	7%
1.10	Closing Debtors	Rs Cr	18819	18680	1%	18819	18680	1%
1.11	Adj Closing Debtors	Rs Cr	18819	18680	1%	18819	18680	1%
KPIs								
3.5.22	ARR	Rs/kWh	7.43	10.26	-28%	7.60	7.74	-2%
3.6.22	AMC	kWh/bill/Mth	279	331	-16%	302	319	-6%
3.7.22	ACPB	Rs/bill/Mth	2075	3391	-39%	2294	2470	-7%

2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
Power Purchase								
3.1.22	Discom Sales	MU	5551 (94%)	6409 (104%)	-13%	47987 (91%)	49522 (90%)	-3%
2.01	Discom Losses	MU	417 (7%)	396 (6%)	5%	3802 (7%)	3698 (7%)	3%
2.02	Discom Input	MU	5757 (97%)	6443 (104%)	-13%	50727 (97%)	52575 (95%)	-3%
4.10.4	Transmission Loss	MU	162 (3%)	140 (2%)	15%	1351 (3%)	1406 (3%)	-4%
4.1.11	Discom Purchases	MU	5932	6192	-4%	52454	55160	-5%
4.2.11	Power Purchase Cost	Rs. Cr	2960 (71%)	3348 (72%)	-12%	27468 (73%)	30259 (75%)	-9%
Contracted Network Capacity (MW)								
2.03	STU	MW	14690	15027	-2%	14690	15027	-2%
2.04	CTU*	MW	4199	4199	0%	4199	4199	0%
2.05	Distribution	MW	9653	13811	-30%	9653	13811	-30%
Capacity Charges								
2.06	STU Charges	Rs. Lacs/MW/Mth	1.8	1.4	29%	1.8	1.9	-5%
2.07	CTU Charges	Rs. Lacs/MW/Mth	3.8	1.7	124%	3.4	2.9	19%
2.08	Distribution Charges	Rs. Lacs/MW/Mth	8.4	7.3	15%	8.7	6.0	44%
Network Cost (Rs. Cr)								
2.09	STU Cost	Rs Cr	263 (6%)	218 (5%)	21%	2083 (6%)	2256 (6%)	-8%
2.10	CTU Cost	Rs Cr	159 (4%)	70 (2%)	127%	1147 (3%)	961 (2%)	19%
2.11	Distribution Network Cost	Rs Cr	809 (19%)	1012 (22%)	-20%	6713 (18%)	6640 (17%)	1%
2.12	O&M Cost	Rs Cr	566	681	-17%	4349	4256	2%
2.13	HR Cost	Rs Cr	475	586	-19%	3679	3604	2%
2.14	A&G Cost	Rs Cr	24	29	-17%	181	160	13%
2.15	R & M Cost	Rs Cr	66	66	1%	490	492	-1%
2.16	Depreciation	Rs Cr	182	190	-4%	1463	1268	15%
2.17	ROCE	Rs Cr	13	76	-83%	378	461	-18%
2.18	Others	Rs Cr	48	65	-27%	523	655	-20%
Cost of Service (Rs. Cr)								
2.19	Cost of Service	Rs Cr	4191	4648	-10%	37412	40116	-7%
7.2.2	ERC Disallowed Debt	Rs Cr	2285	1679	36%	18833	11712	61%
KPIs on Purchase basis								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	4.99	5.41	-8%	5.24	5.49	-5%
2.20	STU Cost per Unit	Rs/kWh	0.44	0.35	26%	0.40	0.41	-3%
2.21	CTU Cost per Unit	Rs/kWh	0.27	0.11	137%	0.22	0.17	25%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	1.74	4.90	-64%	5.36	5.45	-2%
2.22	Distribution Network Cost per Unit	Rs/kWh	1.36	1.63	-17%	1.28	1.20	6%
2.23	Cost of Service per Unit	Rs/kWh	7.07	7.51	-6%	7.13	7.27	-2%
KPIs on Sales basis								
2.24	Energy Cost on Sales Basis	Rs/kWh	5.33	5.22	2%	5.72	6.11	-6%
2.25	STU Cost per Unit	Rs/kWh	0.47	0.10	375%	0.43	0.46	-5%
2.26	CTU Cost per Unit	Rs/kWh	0.29	0.11	162%	0.24	0.19	23%
2.27	Distribution Network Cost per Unit	Rs/kWh	1.46	1.58	-8%	1.40	1.34	4%

2.28	ACS	Rs/kWh	7.55	7.25	4%		7.80	8.10	-4%
2.29	ERC Disallowed Debt per Unit	Rs/kWh	4.12	2.62	57%		3.92	2.37	66%
AT&C Losses									
2.30	Collection η	%	86%	95%	-9%		100%	92%	9%
2.31	Units Realized	MU	4613	5768	-20%		47094	44729	5%
2.32	Units Unrealized	MU	1145	675	70%		3633	7846	-54%
2.33	AT&C Losses	%	20%	10%	90%		7%	15%	-52%
ACS-ARR GAP									
2.34	GAP	Rs/kWh	-0.12	3.01	-104%		-0.19	-0.36	47%

*CTU charges are being charged on GNA from October-2023

3. Sales by Categories

3.1 Energy Sales by Category

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	26 (0%)	28 (0%)	-7%	213 (0%)	251 (1%)	-15%
3.1.2	31-75	196 (4%)	196 (3%)	0%	1503 (3%)	1546 (3%)	-3%
3.1.3	76-125	374 (7%)	368 (6%)	2%	2818 (6%)	2795 (6%)	1%
3.1.4	126-225	520 (9%)	544 (8%)	-4%	4348 (9%)	4121 (8%)	6%
3.1.5	226-400	317 (6%)	320 (5%)	-1%	3167 (7%)	2863 (6%)	11%
3.1.6	>400	102 (2%)	151 (2%)	-33%	1993 (4%)	2002 (4%)	0%
3.1.7	LT-1	1535 (28%)	1607 (25%)	-4%	14042 (29%)	13578 (27%)	3%
3.1.8	LT-2	333 (6%)	337 (5%)	-1%	2830 (6%)	2691 (5%)	5%
3.1.9	LT-3	113 (2%)	122 (2%)	-7%	959 (2%)	1001 (2%)	-4%
3.1.10	LT-4	136 (2%)	140 (2%)	-3%	1092 (2%)	1095 (2%)	0%
3.1.11	LT-5	1151 (21%)	1729 (27%)	-33%	10740 (22%)	11910 (24%)	-10%
3.1.12	LT-5 A (ii)	814 (15%)	1369 (21%)	-41%	8163 (17%)	9311 (19%)	-12%
3.1.13	LT-5 excluding A(ii)	337 (6%)	361 (6%)	-7%	2578 (5%)	2600 (5%)	-1%
3.1.14	LT	3269 (59%)	3934 (61%)	-17%	29663 (62%)	30275 (61%)	-2%
3.1.15	HT-1	6 (0%)	6 (0%)	5%	59 (0%)	53 (0%)	11%
3.1.16	HT-2	190 (3%)	180 (3%)	6%	1559 (3%)	1490 (3%)	5%
3.1.17	HT-3	1584 (29%)	1755 (27%)	-10%	13518 (28%)	14514 (29%)	-7%
3.1.18	HT-4	262 (5%)	261 (4%)	0%	2116 (4%)	2032 (4%)	4%
3.1.19	HT-5	207 (4%)	228 (4%)	-9%	710 (1%)	820 (2%)	-13%
3.1.20	Rescos	32 (1%)	45 (1%)	-29%	362 (1%)	337 (1%)	7%
3.1.21	HT	2282 (41%)	2475 (39%)	-8%	18324 (38%)	19247 (39%)	-5%
3.1.22	Discom Sales	5551	6409	-13%	47987	49522	-3%

3.2 Energy Sales by Voltage Level (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.14	LT	3269	3934	-17%	29663	30275	-2%
3.2.1	11KV	466	535	-13%	4263	4289	-1%
3.2.2	33KV	580	611	-5%	4827	4830	0%
3.2.3	EHT	1185	1329	-11%	9184	10154	-10%
3.1.22	Discom Sales	5551	6409	-13%	47987	49522	-3%

3.3 Collection by Category (Rs Cr)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	29 (1%)	35 (1%)	-16%	225 (1%)	224 (1%)	0%
3.3.2	31-75	73 (2%)	85 (1%)	-15%	549 (2%)	567 (1%)	-3%
3.3.3	76-125	145 (4%)	167 (3%)	-13%	1072 (3%)	1096 (3%)	-2%
3.3.4	126-225	259 (6%)	289 (4%)	-11%	2020 (6%)	1933 (5%)	4%
3.3.5	226-400	196 (5%)	219 (3%)	-11%	1951 (5%)	1837 (5%)	6%
3.3.6	>400	114 (3%)	248 (4%)	-54%	1524 (4%)	1833 (5%)	-17%
3.3.7	LT-1	816 (20%)	1042 (16%)	-22%	7341 (20%)	7492 (20%)	-2%
3.3.8	LT-2	416 (10%)	426 (6%)	-3%	3426 (9%)	3310 (9%)	4%
3.3.9	LT-3	114 (3%)	128 (2%)	-11%	977 (3%)	1056 (3%)	-7%
3.3.10	LT-4	16 (0%)	24 (0%)	-35%	227 (1%)	548 (1%)	-59%
3.3.11	LT-5	984 (24%)	2839 (43%)	-65%	9590 (26%)	9618 (25%)	0%
3.3.12	LT-5 A (ii)	857 (21%)	2716 (41%)	-68%	8081 (22%)	8213 (21%)	-2%
3.3.13	LT-5 excluding A(ii)	127 (3%)	122 (2%)	4%	1510 (4%)	1405 (4%)	7%
3.3.14	LT	2345 (57%)	4459 (68%)	-47%	21562 (59%)	22023 (57%)	-2%
3.3.15	HT-1	5 (0%)	5 (0%)	3%	48 (0%)	43 (0%)	11%
3.3.16	HT-2	234 (6%)	234 (4%)	0%	1964 (5%)	1823 (5%)	8%
3.3.17	HT-3	1339 (32%)	1683 (26%)	-20%	11204 (31%)	12796 (33%)	-12%

3.3.18	HT-4	198 (5%)	188 (3%)	5%	1655 (5%)	1529 (4%)	8%
3.3.19	HT-5	3 (0%)	4 (0%)	-27%	42 (0%)	86 (0%)	-51%
3.3.20	Rescos	2 (0%)	2 (0%)	23%	15 (0%)	13 (0%)	12%
3.3.21	HT	1782 (43%)	2116 (32%)	-16%	14928 (41%)	16291 (43%)	-8%
3.3.22	Discom Collections	4127	6575	-37%	36489	38314	-5%

3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	3,252,029(16%)	3,094,882(16%)	5%	3,252,029(16%)	3,094,882(16%)	5%
3.4.2	31-75	3,680,626(19%)	3,670,982(19%)	0%	3,680,626(19%)	3,670,982(19%)	0%
3.4.3	76-125	3,795,975(19%)	3,712,699(19%)	2%	3,795,975(19%)	3,712,699(19%)	2%
3.4.4	126-225	3,474,606(17%)	3,337,827(17%)	4%	3,474,606(17%)	3,337,827(17%)	4%
3.4.5	226-400	1,105,923(6%)	1,125,320(6%)	-2%	1,105,923(6%)	1,125,320(6%)	-2%
3.4.6	>400	297,880(1%)	278,882(1%)	7%	297,880(1%)	278,882(1%)	7%
3.4.7	LT-1	15,607,039(78%)	15,220,592(79%)	3%	15,607,039(78%)	15,220,592(79%)	3%
3.4.8	LT-2	1,784,199(9%)	1,721,669(9%)	4%	1,784,199(9%)	1,721,669(9%)	4%
3.4.9	LT-3	80,869(0%)	81,108(0%)	0%	80,869(0%)	81,108(0%)	0%
3.4.10	LT-4	374,450(2%)	365,592(2%)	2%	374,450(2%)	365,592(2%)	2%
3.4.11	LT-5	2,025,107(10%)	1,984,375(10%)	2%	2,025,107(10%)	1,984,375(10%)	2%
3.4.12	LT-5 A (ii)	1,939,981(10%)	1,897,682(10%)	2%	1,939,981(10%)	1,897,682(10%)	2%
3.4.13	LT-5 excluding A(ii)	85,126(0%)	86,693(0%)	-2%	85,126(0%)	86,693(0%)	-2%
3.4.14	LT	19,871,664(100%)	19,373,336(100%)	3%	19,871,664(100%)	19,373,336(100%)	3%
3.4.15	HT-1	137(0%)	128(0%)	7%	137(0%)	128(0%)	7%
3.4.16	HT-2	5,673(0%)	5,247(0%)	8%	5,673(0%)	5,247(0%)	8%
3.4.17	HT-3	6,893(0%)	6,730(0%)	2%	6,893(0%)	6,730(0%)	2%
3.4.18	HT-4	878(0%)	878(0%)	0%	878(0%)	878(0%)	0%
3.4.19	HT-5	723(0%)	725(0%)	0%	723(0%)	725(0%)	0%
3.4.20	Rescos	1(0%)	1(0%)	0%	1(0%)	1(0%)	0%
3.4.21	HT	14,305(0%)	13,709(0%)	4%	14,305(0%)	13,709(0%)	4%
3.4.22	Discom Bills	19,885,969	19,387,045	3%	19,885,969	19,387,045	3%

3.5 Average Revenue Realized by Category (Rs/kWh)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	11.22	12.43	-10%	10.53	8.93	18%
3.5.2	31-75	3.71	4.35	-15%	3.65	3.67	0%
3.5.3	76-125	3.89	4.53	-14%	3.80	3.92	-3%
3.5.4	126-225	4.97	5.31	-6%	4.65	4.69	-1%
3.5.5	226-400	6.17	6.85	-10%	6.16	6.42	-4%
3.5.6	>400	11.20	16.37	-32%	7.65	9.16	-16%
3.5.7	LT-1	5.31	6.49	-18%	5.23	5.52	-5%
3.5.8	LT-2	12.46	12.66	-2%	12.11	12.30	-2%
3.5.9	LT-3	10.04	10.45	-4%	10.19	10.55	-3%
3.5.10	LT-4	1.16	1.73	-33%	2.08	5.00	-58%
3.5.11	LT-5	8.55	16.42	-48%	8.93	8.08	11%
3.5.12	LT-5 A (ii)	10.53	19.84	-47%	9.90	8.82	12%
3.5.13	LT-5 excluding A(ii)	3.78	3.40	11%	5.86	5.40	8%
3.5.14	LT	7.17	11.33	-37%	7.27	7.27	0%
3.5.15	HT-1	8.56	8.69	-1%	8.18	8.18	0%
3.5.16	HT-2	12.31	13.01	-5%	12.60	12.23	3%
3.5.17	HT-3	8.45	9.59	-12%	8.29	8.82	-6%
3.5.18	HT-4	7.57	7.20	5%	7.82	7.52	4%
3.5.19	HT-5	0.13	0.16	-20%	0.59	1.04	-44%
3.5.20	Rescos	0.69	0.40	74%	0.42	0.40	5%
3.5.21	HT	7.81	8.55	-9%	8.15	8.46	-4%
3.5.22	ARR	7.43	10.26	-28%	7.60	7.74	-2%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	8	9	-11%	8	10	-19%
3.6.2	31-75	53	53	0%	51	53	-3%
3.6.3	76-125	99	99	0%	93	94	-1%
3.6.4	126-225	150	163	-8%	156	154	1%
3.6.5	226-400	287	284	1%	358	318	13%
3.6.6	>400	342	543	-37%	836	897	-7%
3.6.7	LT-1	98	106	-7%	112	112	1%
3.6.8	LT-2	187	196	-4%	198	195	1%
3.6.9	LT-3	1402	1506	-7%	1482	1542	-4%
3.6.10	LT-4	363	382	-5%	364	374	-3%
3.6.11	LT-5	568	871	-35%	663	750	-12%
3.6.12	LT-5 A (ii)	420	721	-42%	526	613	-14%
3.6.13	LT-5 excluding A(ii)	3960	4159	-5%	3785	3749	1%
3.6.14	LT	165	203	-19%	187	195	-4%
3.6.15	HT-1	46788	47734	-2%	53659	51641	4%
3.6.16	HT-2	33561	34252	-2%	34347	35508	-3%
3.6.17	HT-3	229824	260713	-12%	245135	269583	-9%
3.6.18	HT-4	297859	297688	0%	301227	289237	4%
3.6.19	HT-5	286376	314290	-9%	122778	141357	-13%
3.6.20	Rescos	31980000	45000000	-29%	45278750	42187064	7%
3.6.21	HT	159492	180514	-12%	160115	175493	-9%
3.6.22	AMC	279	331	-16%	302	319	-6%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	90	112	-20%	86	91	-5%
3.7.2	31-75	198	233	-15%	186	193	-4%
3.7.3	76-125	383	449	-15%	353	369	-4%
3.7.4	126-225	744	866	-14%	727	724	0%
3.7.5	226-400	1768	1944	-9%	2205	2040	8%
3.7.6	>400	3829	8892	-57%	6397	8217	-22%
3.7.7	LT-1	523	685	-24%	588	615	-4%
3.7.8	LT-2	2329	2476	-6%	2400	2403	0%
3.7.9	LT-3	14080	15741	-11%	15098	16271	-7%
3.7.10	LT-4	420	659	-36%	759	1873	-59%
3.7.11	LT-5	4861	14304	-66%	5920	6059	-2%
3.7.12	LT-5 A (ii)	4417	14313	-69%	5207	5410	-4%
3.7.13	LT-5 excluding A(ii)	14967	14127	6%	22166	20258	9%
3.7.14	LT	1180	2302	-49%	1356	1421	-5%
3.7.15	HT-1	400730	414844	-3%	438882	422546	4%
3.7.16	HT-2	412991	445588	-7%	432793	434315	0%
3.7.17	HT-3	1942594	2500431	-22%	2031705	2376761	-15%
3.7.18	HT-4	2253531	2143622	5%	2356058	2176495	8%
3.7.19	HT-5	37206	50897	-27%	72297	147666	-51%
3.7.20	Rescos	22200000	18000000	23%	18944201	16862825	12%
3.7.21	HT	1245425	1543220	-19%	1304420	1485406	-12%
3.7.22	ACPB	2075	3391	-39%	2294	2470	-7%

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	2680 (45%)	2239 (36%)	20%	2701 (42%)	-1%	20582 (39%)	19361 (35%)	6%	22983 (42%)	-10%
4.1.2	State Hydrel	278 (5%)	183 (3%)	52%	383 (6%)	-27%	2804 (5%)	1391 (3%)	102%	2883 (5%)	-3%
4.1.3	CGS	910 (15%)	922 (15%)	-1%	834 (13%)	9%	7273 (14%)	7733 (14%)	-6%	6851 (13%)	6%
4.1.4	Gas	0 (0%)	0 (0%)	-	0 (0%)	-	0 (0%)	0 (0%)	-	0 (0%)	-
4.1.5	IPPs	877 (15%)	733 (12%)	20%	1158 (18%)	-24%	6574 (13%)	7466 (14%)	-12%	9627 (18%)	-32%
4.1.6	VRE-Wind	201 (3%)	322 (5%)	-	238 (4%)	-16%	5795 (11%)	6171 (11%)	-6%	5284 (10%)	10%
4.1.7	VRE-Solar	527 (9%)	620 (10%)	-	1088 (17%)	-52%	4924 (9%)	4641 (8%)	6%	5878 (11%)	-16%
4.1.8	RE-Others	25 (0%)	21 (0%)	18%	29 (0%)	-14%	192 (0%)	171 (0%)	13%	234 (0%)	-18%
4.1.9	Markets	433 (7%)	1151 (19%)	-	0 (0%)	-	4285 (8%)	7843 (14%)	-45%	1037 (2%)	313%
4.1.10	Others*	0 (0%)	0 (0%)	-	0 (0%)	-	27 (0%)	383 (1%)	-93%	0 (0%)	-
4.1.11	Discom Purchases	5932	6192	-4%	6431	-8%	52454	55160	-5%	54779	-4%

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	1479 (50%)	1458 (44%)	1%	1502 (51%)	-2%	11776 (43%)	11119 (37%)	6%	12601 (50%)	-7%
4.2.2	State Hydrel	52 (2%)	54 (2%)	-3%	60 (2%)	-14%	444 (2%)	429 (1%)	4%	483 (2%)	-8%
4.2.3	CGS	466 (16%)	452 (13%)	3%	353 (12%)	32%	3899 (14%)	4212 (14%)	-7%	2897 (11%)	35%
4.2.4	Gas	63 (2%)	0 (0%)	-	2 (0%)	4069%	63 (0%)	0 (0%)	-	12 (0%)	428%
4.2.5	IPPs	438 (15%)	314 (9%)	39%	504 (17%)	-13%	3248 (12%)	3377 (11%)	-4%	4165 (16%)	-22%
4.2.6	VRE-Wind	91 (3%)	134 (4%)	-32%	112 (4%)	-19%	2715 (10%)	2899 (10%)	-6%	2484 (10%)	9%
4.2.7	VRE-Solar	235 (8%)	272 (8%)	-14%	415 (14%)	-43%	2258 (8%)	2085 (7%)	8%	2246 (9%)	1%
4.2.8	RE-Others	13 (0%)	13 (0%)	3%	19 (1%)	-29%	110 (0%)	104 (0%)	5%	152 (1%)	-28%
4.2.9	Markets	166 (6%)	651 (19%)	-74%	0 (0%)	-	2961 (11%)	5870 (19%)	-50%	277 (1%)	970%
4.2.10	Others*	-43 (-1%)	1 (0%)	-	0 (0%)	-	-6 (0%)	164 (1%)	-104%	0 (0%)	-
4.2.11	Power Purchase Cost	2960	3348	-12%	2968	0%	27468	30259	-9%	25316	8%

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	393	269	46%	521	-25%	3113	2234	39%	4165	-25%
4.3.2	State Hydrel	52	54	-3%	60	-14%	444	429	4%	483	-8%
4.3.3	CGS	121	115	5%	80	52%	978	996	-2%	639	53%
4.3.4	Gas	63	0	-	2	4069%	63	0	-	12	428%
4.3.5	IPPs	176	125	40%	181	-3%	1172	1155	1%	1451	-19%
4.3.6	Others*	0	1	-100%	0	-	7	10	-29%	0	-
4.3.7	Fixed Cost	804	564	43%	844	-5%	5778	4823	20%	6751	-14%

*Others-GGPP has consumption for supplying electricity to its colonies and for trail runs of turbines. APDISCOMs are paying FC to GGPP.

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	1086	1189	-9%	982	11%	8662	8885	-3%	8436	3%
4.4.2	CGS	345	336	3%	273	26%	2922	3216	-9%	2259	29%
4.4.3	Gas	0	0	-	0	-	0	0	-	0	-
4.4.4	IPPs	262	189	39%	323	-19%	2076	2222	-7%	2714	-24%
4.4.5	VRE-Wind	91	134	-32%	112	-19%	2715	2899	-6%	2484	9%
4.4.6	VRE-Solar	235	272	-14%	415	-43%	2258	2085	8%	2246	1%
4.4.7	RE-Others	13	13	3%	18	-26%	106	100	6%	143	-26%
4.4.8	Markets	166	651	-74%	0	-	2961	5869	-50%	277	970%
4.4.9	Others*	-43	0	-	0	-	-13	154	-109%	0	-
4.4.10	Variable Cost	2155	2783	-23%	2123	2%	21686	25430	-15%	18557	17%

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	5.52	6.51	-15%	5.56	-1%	5.72	5.74	0%	5.48	4%
4.5.2	State Hydel	1.86	2.92	-36%	1.58	18%	1.58	3.08	-49%	1.68	-5%
4.5.3	CGS	5.12	4.90	5%	4.23	21%	5.36	5.45	-2%	4.23	27%
4.5.4	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.5.5	IPPs	4.99	4.29	16%	4.35	15%	4.94	4.52	9%	4.33	14%
4.5.6	VRE-Wind	4.51	4.15	9%	4.70	-4%	4.68	4.70	0%	4.70	0%
4.5.7	VRE-Solar	4.46	4.39	2%	3.82	17%	4.59	4.49	2%	3.82	20%
4.5.8	RE-Others	5.38	6.17	-13%	6.49	-17%	5.70	6.10	-7%	6.48	-12%
4.5.9	Markets	3.84	5.65	-32%	0.00	-	6.91	7.48	-8%	2.67	159%
4.5.10	Others*	0.00	0.00	-	0.00	-	-2.20	4.27	-152%	0.00	-
4.5.11	Weighted Average	4.99	5.41	-8%	4.61	8%	5.24	5.49	-5%	4.62	13%

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	1.47	1.20	22%	1.93	-24%	1.51	1.15	31%	1.81	-17%
4.6.2	State Hydel	1.86	2.92	-36%	1.58	18%	1.58	3.08	-49%	1.68	-5%
4.6.3	CGS	1.33	1.25	6%	0.96	39%	1.34	1.29	4%	0.93	44%
4.6.4	Gas	0.00	0.00	-	0.00	-	0.00	0.00	-	0.00	-
4.6.5	IPPs	2.01	1.71	17%	1.57	28%	1.78	1.55	15%	1.51	18%
4.6.6	Others*	0.00	0.00	-	0.00	-	2.61	0.26	900%	0.00	-
4.6.7	Average FC	1.36	0.91	49%	1.31	3%	1.10	0.88	26%	1.23	-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	4.05	5.31	-24%	3.63	12%	4.21	4.59	-8%	3.67	15%
4.7.2	CGS	3.79	3.65	4%	3.28	16%	4.02	4.16	-3%	3.30	22%
4.7.3	Gas	0.00	0.00	-	0.00	-	-	0.00	-	0.00	-
4.7.4	IPPs	2.99	2.57	16%	2.78	7%	3.16	2.98	6%	2.82	12%
4.7.5	VRE-Wind	4.51	4.15	9%	4.70	-4%	4.68	4.70	0%	4.70	0%
4.7.6	VRE-Solar	4.46	4.39	2%	3.82	17%	4.59	4.49	2%	3.82	20%
4.7.7	RE-Others	5.38	6.17	-13%	6.49	-17%	5.70	6.10	-7%	6.48	-12%
4.7.8	Markets	3.84	5.65	-32%	0.00	-	6.91	7.48	-8%	2.67	159%
4.7.9	Others*	0.00	0.00	-	0.00	-	-4.81	4.01	-220%	0.00	-
4.7.10	Average VC	3.63	4.50	-19%	3.30	10%	4.13	4.61	-10%	3.39	22%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	1743	2055	-15%	16979	18499	-8%
4.8.2	11KV	249	280	-11%	2440	2621	-7%
4.8.3	33KV	309	319	-3%	2763	2951	-6%
4.8.4	EHT	632	694	-9%	5257	6204	-15%
4.2.11	Power Purchase Cost	2960	3348	-12%	27468	30259	-9%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	2468	2853	-13%	23126	24525	-6%
4.9.2	11KV	352	388	-9%	3323	3474	-4%
4.9.3	33KV	438	443	-1%	3764	3913	-4%
4.9.4	EHT	895	964	-7%	7160	8226	-13%
2.19	Cost of Service	4153	4648	-11%	37373	40138	-7%

4.10 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	141	145	-3%	1307	1137	15%
4.10.2	11KV	142	114	25%	1225	1202	2%
4.10.3	33KV	133	137	-3%	1269	1359	-7%
4.10.4	EHT	162	140	15%	1351	1406	-4%
4.10.5	Loss	579	536	8%	5153	5104	1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2553	2928	-13%	23861	25273	-6%
4.11.2	11KV	349	384	-9%	3284	3451	-5%
4.11.3	33KV	419	428	-2%	3594	3760	-4%
4.11.4	EHT	832	908	-8%	6634	7654	-13%
2.19	Cost of Service	4153	4648	-11%	37373	40138	-7%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	7.8	7.4	5%	8.0	8.3	-4%
4.12.2	11KV	7.5	7.2	4%	7.7	8.0	-4%
4.12.3	33KV	7.2	7.0	3%	7.4	7.8	-4%
4.12.4	EHT	7.0	6.8	3%	7.2	7.5	-4%
2.28	ACS	7.5	7.3	3%	7.8	8.1	-4%

5. Receivables

5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
5.1.1	Subsidy	2814	3965	3356	3397	13533
5.1.2	Agriculture Subsidy	2447	3498	2840	2216	11001
5.1.3	Aquaculture Subsidy	367	467	185	185	1203
5.1.4	SC Colonies Subsidy	0	0	53	159	211
5.1.5	ST Thandas Subsidy	0	0	12	36	48
5.1.6	Other Subsidy	0	0	267	802	1070
5.1.7	Govt Agencies	727	549	784	1341	3401
5.1.8	Panchayats	83	21	184	525	814
5.1.9	WR Dept	17	0	140	415	572
5.1.10	ULB	87	19	80	214	400
5.1.11	Other Govt Dept	539	508	381	186	1615
5.1.12	Govt serviced debt	0	0	0	0	0
5.1.13	UDAY Receivables	0	0	0	0	0
5.1.14	Private Customers Receivables	10248	9545	9183	9303	38278
5.1.15	Total	13789	14058	13323	14041	55211
5.1.16	Opex Loans	0	0	0	0	0
5.1.17	Capex Loans	0	0	0	0	0

5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	Subsidy	1132	1260	874	2914	386	-70%	-23%
5.2.2	Agriculture Subsidy	739	903	851	2707	52	-69%	15%
5.2.3	Aquaculture Subsidy	62	67	23	0	44	-	-63%
5.2.4	SC Colonies Subsidy	53	58	0	207	58	-100%	-100%
5.2.5	ST Thandas Subsidy	12	12	0	0	12	-	-100%
5.2.6	Other Subsidy	267	220	0	0	220	-	-100%
5.2.7	Govt Agencies	447	677	173	179	504	-4%	-61%
5.2.8	Panchayats	175	177	5	8	172	-39%	-97%
5.2.9	WR Dept	138	230	1	3	229	-53%	-99%
5.2.10	ULB	71	67	3	15	64	-80%	-96%
5.2.11	Other Govt Dept	62	203	164	154	39	7%	164%
5.2.12	Govt serviced debt	0	0	0	0	0	-	-
5.2.13	UDAY Receivables	0	0	0	0	0	-	-
5.2.14	Private Customers Receivables	3101	3216	3081	3482	135	-12%	-1%
5.2.15	Total	4680	5153	4127	6575	1026	-37%	-12%
5.2.16	Opex Loans	0	0	0	0	0	-	-
5.2.17	Capex Loans	0	0	0	0	0	-	-

5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
5.3.1	Subsidy	12391	9059	10174	9003	8942	13562	12705	1%	-1%
5.3.2	Agriculture Subsidy	9760	5910	7407	8046	8172	9121	9895	-2%	36%
5.3.3	Aquaculture Subsidy	1460	492	527	957	563	1030	1333	70%	94%
5.3.4	SC Colonies Subsidy	882	423	525	0	207	1407	847	-100%	-100%
5.3.5	ST Thandas Subsidy	277	96	118	0	0	395	271	-	-100%
5.3.6	Other Subsidy	12	2139	1596	0	0	1608	359	-	-100%
5.3.7	Govt Agencies	15166	3575	4743	1613	1802	18296	15696	-10%	-55%
5.3.8	Panchayats	6654	1401	1404	113	358	7945	6890	-68%	-92%
5.3.9	WR Dept	7233	1107	1165	19	80	8378	7434	-76%	-98%

6. Payables

6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
6.1.1	PP Cost	11508	9937	8899	9432	39777
6.1.2	State Thermal	4870	3961	4322	4724	17877
6.1.3	State Hydel	170	171	163	181	686
6.1.4	CGS	1561	1437	1263	1060	5321
6.1.5	IPPs Gas	0	0	65	5	69
6.1.6	IPPs Thermal	1245	1090	1427	1520	5283
6.1.7	VRE- Wind	909	1635	304	461	3309
6.1.8	VRE- Solar	1044	717	905	1426	4092
6.1.9	Other-NCE	40	44	45	56	185
6.1.10	Market	1637	876	448	0	2961
6.1.11	Other	32	5	-43	0	-6
6.1.12	CTU Cost	445	409	413	361	1628
6.1.13	STU Cost	751	806	864	1013	3434
6.1.14	Distribution Cost	2624	2522	2519	2855	10520
6.1.15	O&M Cost	1625	1642	1728	1938	6932
6.1.16	HR Cost	1374	1395	1438	1585	5792
6.1.17	A&G Cost	64	68	78	87	297
6.1.18	R&M Cost	187	179	212	265	843
6.1.19	Depreciation	533	564	544	532	2173
6.1.20	ROCE	313	39	172	437	961
6.1.21	Others	153	277	76	-52	453
6.1.22	Cost of Service	15328	13675	12696	13661	55359
7.1.1	Capex Debt service (P+I)	524	662	376	0	1562
7.1.2	Opex Debt service (P+I)	5958	7499	5382	0	18839

6.2 Payables during the Month (Rs Cr)

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	PP Cost	2968	2960	3262	4328	-302	-25%	10%
6.2.2	State Thermal	1502	1479	1122	1788	357	-37%	-25%
6.2.3	State Hydel	60	52	55	54	-3	2%	-9%
6.2.4	CGS	353	466	689	593	-223	16%	95%
6.2.5	IPPs Gas	2	63	0	0	63	-	-100%
6.2.6	IPPs Thermal	504	438	347	371	91	-6%	-31%
6.2.7	VRE- Wind	112	91	719	660	-628	9%	542%
6.2.8	VRE- Solar	415	235	89	98	146	-9%	-79%
6.2.9	Other-NCE	19	13	15	50	-2	-70%	-20%
6.2.10	Market	0	166	226	714	-60	-68%	-
6.2.11	Other	0	-43	0	0	-43	-	-
6.2.12	CTU Cost	120	159	124	57	35	118%	3%
6.2.13	STU Cost	338	263	64	126	199	-49%	-81%
6.2.14	Distribution Cost	952	809	769	1012	40	-24%	-19%
6.2.15	O&M Cost	646	566	597	685	-31	-13%	-8%
6.2.16	HR Cost	528	475	526	586	-51	-10%	0%
6.2.17	A&G Cost	29	24	19	33	5	-42%	-34%
6.2.18	R&M Cost	88	66	51	66	15	-23%	-42%
6.2.19	Depreciation	177	182	140	190	0	-26%	-21%
6.2.20	ROCE	146	13	0	76	0	-100%	-100%
6.2.21	Others	-17	48	32	61	16	-48%	-284%
6.2.22	Cost of Service	4377	4191	4219	5523	-28	-24%	-4%
7.2.1	Capex Debt service (P+I)	0	184	184	151	0	22%	-
7.2.2	Opex Debt service (P+I)	0	2419	2285	1679	134	36%	-

6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD>180days	% ↑	% δ ERC
					CY	PY				
6.3.1	PP Cost	7105	25316	27468	30021	31525	4552	4519	-5%	19%
6.3.2	State Thermal	-1261	12601	11776	13857	11452	-3342	2748	21%	10%
6.3.3	State Hydel	130	483	444	581	432	-7	130	34%	20%
6.3.4	CGS	1638	2897	3899	5130	5579	407	727	-8%	77%
6.3.5	IPPs Gas	83	12	63	1	3	145	0	-67%	-92%
6.3.6	IPPs Thermal	1954	4165	3248	2848	3335	2354	218	-15%	-32%
6.3.7	VRE- Wind	1086	2484	2715	2321	4220	1480	573	-45%	-7%
6.3.8	VRE- Solar	671	2246	2258	1084	1173	1845	123	-8%	-52%
6.3.9	Other-NCE	58	152	110	135	186	33	0	-27%	-11%
6.3.10	Market	2746	277	2961	4064	5145	1643	0	-21%	1368%
6.3.11	Other	0	0	-6	0	0	-6	0	-	-
6.3.12	CTU Cost	26	962	1147	1107	1112	66	0	0%	15%
6.3.13	STU Cost	3182	2700	2083	1697	1530	3568	2030	11%	-37%
6.3.14	Distribution Cost	0	7613	6713	5826	5092	888	0	14%	-23%
6.3.15	O&M Cost	0	5167	4349	4474	4129	-125	0	8%	-13%
6.3.16	HR Cost	0	4227	3679	3844	3439	-166	0	12%	-9%
6.3.17	A&G Cost	0	233	181	181	193	0	0	-6%	-22%
6.3.18	R&M Cost	0	707	490	449	497	41	0	-10%	-36%
6.3.19	Depreciation	0	1420	1463	761	275	0	0	177%	-46%
6.3.20	ROCE	0	1166	378	66	76	0	0	-13%	-94%
6.3.21	Others	0	-139	523	524	612	-1	0	-14%	-477%
6.3.22	Cost of Service	10313	36593	37412	38651	39259	9074	6549	-2%	6%
7.3.1	Capex Debt service (P+I)	0	0	1562	1562	1209	0	0	29%	-
7.3.2	Opex Debt service (P+I)	0	0	18839	18833	11712	6	0	61%	-

7. Debt Servicing

7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY22
7.1.1	ERC allowed-Capex Debt	524	662	376	0	1562
7.1.2	ERC disallowable-Opex Debt	5958	7499	5382	0	18839
7.1.3	Debt Servicing	6482	8161	5758	0	20401

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	0	184	184	151	0	22%	-
7.2.2	ERC disallowable-Opex Debt	0	2419	2285	1679	134	36%	-
7.2.3	Debt Servicing	0	2603	2469	1830	134	35%	-

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	0	1562	1562	1209	0	0	29%	-
7.3.2	ERC disallowable-Opex Debt	0	0	18839	18833	11712	6	0	61%	-
7.3.3	Debt Servicing	0	0	20401	20395	12921	6	0	58%	-

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	6467	6789	-5%	20301	19215	6%	26768	26004	3%
7.4.2	PFC	3319	3451	-4%	23781	19852	20%	27100	23303	16%
7.4.3	APPFCL	0	0	-	8714	8584	2%	8714	8584	2%
7.4.4	BANKS	966	1104	-13%	1356	1609	-16%	2322	2713	-14%
7.4.5	IREDA	0	0	-	0	0	-	0	0	-
7.4.6	ICD	0	0	-	2451	1990	23%	2451	1990	23%
7.4.7	PTC	0	0	-	0	0	-	0	0	-
7.4.8	GOAP	0	9	-100%	0	0	-	0	9	-100%
7.4.9	OTHERS	1834	1399	31%	2564	2902	-12%	4398	4301	2%
7.4.10	Debt Outstanding	12586	12752	-1%	59167	54152	9%	71753	66904	7%

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 ⁶ Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 ³ 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 ³ 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

Note:

1. Sales related data (Rs Cr) is obtained on Billing basis provided by Distribution licensees of Andhra Pradesh
2. Billing Cycle: CPDCL - 1-15 of Every Month; EPDCL - 4-21 of Every Month; SPDCL - 1-12 of Every Month
3. CTU Cost is obtained on Billing basis
4. CTU charges are being charged on GNA from October-2023

Glossary

1. Sales

Energy (MU)		
1.01	Metered Sales	Discom Sales-Agricultural Consumption (Unmetered)
3.1.9	AgI Consumption	Refer 3.1.9
3.1.19	Discom Sales	D =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	G = 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	AgI Consumption	Collection Received against LT-V A(ii)
1.08	Revenue from Sale	E = 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	F = 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	H = 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	I =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

2. Purchases

Power Purchase		
3.1.19	Discom Sales	D =Refer 3.1.19
2.01	Discom Losses	Losses incurred at Voltage<=33KV
2.02	Discom Input	C =Input at Discom Periphery
4.10.4	Transmission Loss	B = Losses incurred at Voltage>33KV
4.1.11	Discom Purchases	A =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.03	STU	Contracted Capacity of State Transmission Utility
2.04	CTU	Contracted Capacity of Contracted Transmission Utility
2.05	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.06	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.07	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	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)		
2.09	STU Cost	a =Expenditure for using State Transmission Network for Transmission of Power
2.10	CTU Cost	b =Expenditure for using Central Transmission Network for Transmission of Power
2.11	Distribution Network Cost	c =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.12	O&M Cost	d =Operation and Maintenance Cost (e+f+g)

2.13	HR Cost	e=Human Resource Cost
2.14	A&G Cost	f=Admin and General Cost
2.15	R & M Cost	g=Repairs and Maintenance
2.16	Depreciation	h=the value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.17	ROCE	i=Return on Capital Employed
2.18	Others	j=Any other Cost
Cost of Service (Rs Cr)		
2.19	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
KPIs on Purchase basis		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.20	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.21	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.22	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.23	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
KPIs on Sales basis		
2.24	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.28	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.29	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
AT&C Losses		
2.30	Collection η	$J=(F+G-I)/E*100$
2.31	Units Realized	$K=D*J/100$
2.32	Units Unrealized	$L=C-K$
2.33	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} = L/(\text{Discom Input}) * 100$
ARR-ACS GAP		
2.34	GAP	=ARR-ACS

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) = $\frac{\text{Consumption During in the Month(Rs.Cr)} \times 10}{\text{Revenue Collected in the Month (MU)}}$

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

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

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) = $\frac{\text{Power Purchase Cost during the month (Rs. Cr)*10}}{\text{Energy Purchased during the Month(MU)}}$

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

4.10 Losses by Voltage (MU) = Transmission & Distribution losses on Voltage basis

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

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

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)

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

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 31st March for previous Year