

# Andhra Pradesh Electricity Distribution Companies Monthly Report on Key Performance Indicators April- 2022

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**Prepared by- Strategic Planning Unit**

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## Contents

1.	Sales .....	1
2.	Purchases .....	2
3.	Sales by Categories .....	4
	3.1 Energy Sales by Category (MU) .....	4
	3.2 Energy Sales by Voltage Level (MU) .....	4
	3.3 Collection by Category (Rs Cr) .....	4
	3.4 Bills by Category (Nos) .....	5
	3.5 Average Revenue Realized by Category (Rs/kWh) .....	5
	3.6 Average Monthly Consumption by Category (kWh/Bill/Month) .....	6
	3.7 Average Collection per Bill by Category (Rs/Bill/Month) .....	6
4.	Purchase by Categories .....	7
	4.1 Energy Purchased by Source (MU) .....	7
	4.2 Power Purchase Cost by Source (Rs Cr) .....	7
	4.3 Fixed Cost by Source (Rs Cr) .....	7
	4.4 Variable Cost by Source (Rs Cr) .....	8
	4.5 Average Energy Cost per Unit by Source (Rs/kWh) .....	8
	4.6 Fixed Cost per Unit by Source (Rs/kWh) .....	8
	4.7 Variable Cost per Unit by Source (Rs/kWh) .....	8
	4.8 Power Purchase Cost by Voltage Level on Sales basis (Rs Cr) .....	9
	4.9 Network Cost by Voltage Level on Sales basis (Rs Cr) .....	9
	4.10 Retail Supply Cost by Voltage Level on Sales basis (Rs Cr) .....	9
	4.11 Cost of Service by Voltage Level on Sales basis (Rs Cr) .....	9
	4.12 Losses by Voltage (MU) .....	9
	4.13 Cost of Service by Voltage Level on Purchase Basis (Rs Cr) .....	9
	4.14 Average Cost of Service by Voltage Level (Rs/kWh) .....	10
5.	Receivables .....	11
	5.1 Income Estimates (Rs Cr) .....	11
	5.2 Receivables during Month (Rs Cr) .....	11
	5.3 Receivables YTD (Rs Cr) .....	11
6.	Payables .....	13
	6.1 Expenditure for FY23 (Rs Cr) .....	13
	6.2 Payables during the Month (Rs Cr) .....	13
	6.3 Payables YTD (Rs Cr) .....	14
7.	Debt Servicing .....	15
	7.1 Debt Servicing Schedule (Rs Cr) .....	15
	7.2 Debt Servicing during the month (Rs Cr) .....	15
	7.3 Debt Servicing YTD (Rs Cr) .....	15
	7.4 Debt Outstanding (Rs Cr) .....	15

## 1. Sales

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Energy (MU)</b>								
1.01	Metered Sales	MU	4670 (80%)	4463 (76%)	5%	4670 (80%)	4463 (76%)	5%
3.1.12	Agl Consumption	MU	1135 (20%)	1415 (24%)	-20%	1135 (20%)	1415 (24%)	-20%
3.1.22	Discom Sales	MU	5805	5878	-1%	5805	5878	-1%
1.02	Private Sales	MU	4718 (81%)	4616 (79%)	2%	4718 (81%)	4616 (79%)	2%
1.03	Government Sales	MU	367 (6%)	519 (9%)	-29%	367 (6%)	519 (9%)	-29%
1.04	Government Subsidy	MU	546 (9%)	571 (10%)	-4%	546 (9%)	571 (10%)	-4%
<b>Collection (Rs. Cr)</b>								
1.05	Opening Debtors	Rs Cr	12009	10523	14%	12009	10523	14%
5.2.14	Pvt Sales	Rs Cr	2470	2340	6%	2470	2340	6%
5.2.7	Gov Sales	Rs Cr	182	136	34%	182	136	34%
5.2.1	Gov Subsidy	Rs Cr	1959	641	206%	1959	641	206%
1.06	Others	Rs Cr	86	0	-	86	0	-
5.2.15	Discom Collections	Rs Cr	4696	3116	51%	4696	3116	51%
1.07	Metered Sales	Rs Cr	2820	2557	10%	2820	2557	10%
3.3.12	Agl Consumption	Rs Cr	1791	559	220%	1791	559	220%
1.08	Revenue from Sale	Rs Cr	3713	3514	6%	3713	3514	6%
1.09	Adj Revenue from Sale	Rs Cr	4544	3409	33%	4544	3409	33%
1.10	Closing Debtors	Rs Cr	12439	11006	13%	12439	11006	13%
1.11	Adj Closing Debtors	Rs Cr	12439	11006	13%	12439	11006	13%
<b>KPIs</b>								
3.5.22	ARR	Rs/kWh	7.94	5.30	50%	7.94	5.30	50%
3.6.22	AMC	kWh/bill/Mth	313	331	-5%	313	331	-5%
3.7.22	ACPB	Rs/bill/Mth	2487	1754	42%	2487	1754	42%

## 2. Purchases

#	Item	Units	Month			YTD		
			CY	PY	% ↑	CY	PY	% ↑
<b>Power Purchase</b>								
3.1.22	Discom Sales	MU	5805 (94%)	5878 (94%)	-1%	5805 (94%)	5878 (94%)	-1%
2.01	Discom Losses	MU	462 (7%)	471 (8%)	-2%	462 (7%)	471 (8%)	-2%
2.02	Discom Input	MU	6267 (101%)	6349 (102%)	-1%	6267 (101%)	6349 (102%)	-1%
2.03	Transmission Loss	MU	198 (3%)	189 (3%)	5%	198 (3%)	189 (3%)	5%
4.1.11	Discom Purchases	MU	6182	6224	-1%	6182	6224	-1%
4.2.11	Power Purchase Cost	Rs. Cr	3361 (79%)	2584 (75%)	30%	3361 (79%)	2584 (75%)	30%
<b>Contracted Network Capacity (MW)</b>								
2.04	STU	MW	13877	12843	8%	13877	12843	8%
2.05	CTU	MW	1683	1651	2%	1683	1651	2%
2.06	Distribution	MW	10797	11334	-5%	10797	11334	-5%
<b>Capacity Charges</b>								
2.07	STU Charges	Rs. Lacs/MW/Mth	1.8	1.6	13%	1.8	1.6	13%
2.08	CTU Charges	Rs. Lacs/MW/Mth	3.7	0.8	363%	3.7	0.8	363%
2.09	Distribution Charges	Rs. Lacs/MW/Mth	5.2	5.2	0%	5.2	5.2	0%
<b>Network Cost (Rs. Cr)</b>								
2.10	STU Cost	Rs Cr	249 (6%)	207 (6%)	20%	249 (6%)	207 (6%)	20%
2.11	CTU Cost	Rs Cr	62 (1%)	13 (0%)	364%	62 (1%)	13 (0%)	364%
2.12	Distribution Network Cost	Rs Cr	559 (13%)	588 (17%)	-5%	559 (13%)	588 (17%)	-5%
2.13	O&M Cost	Rs Cr	358	392	-9%	358	392	-9%
2.14	HR Cost	Rs Cr	304	325	-7%	304	325	-7%
2.15	A&G Cost	Rs Cr	18	24	-23%	18	24	-23%
2.16	R & M Cost	Rs Cr	36	42	-16%	36	42	-16%
2.17	Depreciation	Rs Cr	128	133	-4%	128	133	-4%
2.18	ROCE	Rs Cr	23	23	1%	23	23	1%
2.19	Others	Rs Cr	50	41	23%	50	41	23%
2.20	Network Cost	Rs Cr	869 (20%)	809 (24%)	7%	869 (20%)	809 (24%)	7%
<b>Retail Supply Cost (Rs. Cr)</b>								
2.21	B&C Cost and Supply Margin	Rs Cr	12	12	4%	12	12	4%
2.22	Interest on Security Deposits	Rs Cr	19	18	8%	19	18	8%
2.23	Retail Supply Cost	Rs Cr	32 (1%)	30 (1%)	6%	32 (1%)	30 (1%)	6%
<b>Cost of Service (Rs. Cr)</b>								
2.24	Cost of Service	Rs Cr	4262	3423	25%	4262	3423	25%
7.2.2	ERC Disallowed Debt	Rs Cr	726	1932	-62%	726	0	-
<b>KPIs on Purchase basis</b>								
4.5.11	Energy Cost on Purchase Basis	Rs/kWh	5.44	4.15	31%	5.44	4.15	31%
2.25	STU Cost per Unit	Rs/kWh	0.40	0.33	21%	0.40	0.33	21%
2.26	CTU Cost per Unit	Rs/kWh	0.10	0.02	368%	0.10	0.02	368%
4.5.3	CTU Cost Per Unit on CGS purchases	Rs/kWh	4.45	3.89	14%	4.45	3.89	14%
2.27	Distribution Network Cost per Unit	Rs/kWh	0.90	0.95	-4%	0.90	0.95	-4%
2.28	Network Cost per Unit	Rs/kWh	1.41	1.13	25%	1.41	1.30	8%
2.29	Retail Supply Cost per Unit	Rs/kWh	0.05	0.05	7%	0.05	0.05	7%
2.30	Cost of Service per Unit	Rs/kWh	6.89	5.50	25%	6.89	5.50	25%
<b>KPIs on Sales basis</b>								
2.31	Energy Cost on Sales Basis	Rs/kWh	5.79	4.40	32%	5.79	4.40	32%
2.32	STU Cost per Unit	Rs/kWh	0.43	0.17	154%	0.43	0.35	21%
2.33	CTU Cost per Unit	Rs/kWh	0.11	0.02	370%	0.11	0.02	370%

2.34	Distribution Network Cost per Unit	Rs/kWh	0.96	1.00	-4%		0.96	1.00	-4%
2.35	Network Cost per Unit	Rs/kWh	1.50	1.38	9%		1.50	1.38	9%
2.36	Retail Supply Cost per Unit	Rs/kWh	0.05	0.05	7%		0.05	0.05	7%
2.37	ACS	Rs/kWh	7.34	5.82	26%		7.34	5.82	26%
2.38	ERC Disallowed Debt per Unit	Rs/kWh	1.25	3.29	-62%		1.25	0.00	-
<b>AT&amp;C Losses</b>									
2.39	Collection $\eta$	%	111%	83%	33%		111%	83%	33%
2.40	Units Realized	MU	6233	4628	35%		6233	4628	35%
2.41	Units Unrealized	MU	-153	1373	-111%		-153	1373	-111%
2.42	AT&C Losses	%	-3%	23%	-111%		-3%	23%	-111%
<b>ARR-ACS GAP</b>									
2.43	GAP	Rs/kWh	0.60	-0.52	-215%		0.60	-0.52	-215%

### 3. Sales by Categories

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.1.1	0-30	147 (3%)	143 (2%)	2%	147 (3%)	143 (2%)	2%
3.1.2	31-75	263 (5%)	256 (4%)	3%	263 (5%)	256 (4%)	3%
3.1.3	76-125	322 (6%)	313 (5%)	3%	322 (6%)	313 (5%)	3%
3.1.4	126-225	448 (8%)	409 (7%)	10%	448 (8%)	409 (7%)	10%
3.1.5	226-400	275 (5%)	247 (4%)	11%	275 (5%)	247 (4%)	11%
3.1.6	>400	141 (2%)	127 (2%)	11%	141 (2%)	127 (2%)	11%
3.1.7	LT-1	1595 (27%)	1495 (25%)	7%	1595 (27%)	1495 (25%)	7%
3.1.8	LT-2	310 (5%)	278 (5%)	11%	310 (5%)	278 (5%)	11%
3.1.9	LT-3	150 (3%)	149 (3%)	0%	150 (3%)	149 (3%)	0%
3.1.10	LT-4	138 (2%)	127 (2%)	9%	138 (2%)	127 (2%)	9%
3.1.11	LT-5	1563 (27%)	1798 (31%)	-13%	1563 (27%)	1798 (31%)	-13%
3.1.12	LT-5 A (ii)	1135 (20%)	1415 (24%)	-20%	1135 (20%)	1415 (24%)	-20%
3.1.13	LT-5 excluding A(ii)	428 (7%)	383 (7%)	12%	428 (7%)	383 (7%)	12%
3.1.14	LT	3755 (65%)	3846 (65%)	-2%	3755 (65%)	3846 (65%)	-2%
3.1.15	HT-1	6 (0%)	5 (0%)	5%	6 (0%)	5 (0%)	5%
3.1.16	HT-2	156 (3%)	128 (2%)	22%	156 (3%)	128 (2%)	22%
3.1.17	HT-3	1568 (27%)	1485 (25%)	6%	1568 (27%)	1485 (25%)	6%
3.1.18	HT-4	231 (4%)	186 (3%)	24%	231 (4%)	186 (3%)	24%
3.1.19	HT-5	33 (1%)	168 (3%)	-80%	33 (1%)	168 (3%)	-80%
3.1.20	Rescos	55 (1%)	59 (1%)	-7%	55 (1%)	59 (1%)	-7%
3.1.21	HT	2050 (35%)	2032 (35%)	1%	2050 (35%)	2032 (35%)	1%
3.1.22	Discom Sales	5805	5878	-1%	5805	5878	-1%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.2.1	LT	3755	3847	-2%	3755	3847	-2%
3.2.2	11KV	517	499	4%	517	499	4%
3.2.3	33KV	574	578	-1%	574	578	-1%
3.2.4	EHT	959	956	0%	959	956	0%
3.1.22	Discom Sales	5805	5879	-1%	5805	5879	-1%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.3.1	0-30	15 (0%)	17 (1%)	-15%	15 (0%)	17 (1%)	-15%
3.3.2	31-75	36 (1%)	34 (1%)	5%	36 (1%)	34 (1%)	5%
3.3.3	76-125	88 (2%)	83 (3%)	5%	88 (2%)	83 (3%)	5%
3.3.4	126-225	150 (3%)	140 (4%)	8%	150 (3%)	140 (4%)	8%
3.3.5	226-400	152 (3%)	140 (4%)	9%	152 (3%)	140 (4%)	9%
3.3.6	>400	113 (2%)	102 (3%)	11%	113 (2%)	102 (3%)	11%
3.3.7	LT-1	554 (12%)	516 (17%)	7%	554 (12%)	516 (17%)	7%
3.3.8	LT-2	326 (7%)	288 (9%)	13%	326 (7%)	288 (9%)	13%
3.3.9	LT-3	120 (3%)	117 (4%)	2%	120 (3%)	117 (4%)	2%
3.3.10	LT-4	41 (1%)	40 (1%)	0%	41 (1%)	40 (1%)	0%
3.3.11	LT-5	1926 (42%)	773 (25%)	149%	1926 (42%)	773 (25%)	149%
3.3.12	LT-5 A (ii)	1791 (39%)	559 (18%)	220%	1791 (39%)	559 (18%)	220%
3.3.13	LT-5 excluding A(ii)	136 (3%)	214 (7%)	-37%	136 (3%)	214 (7%)	-37%
3.3.14	LT	2967 (64%)	1735 (56%)	71%	2967 (64%)	1735 (56%)	71%
3.3.15	HT-1	4 (0%)	5 (0%)	-17%	4 (0%)	5 (0%)	-17%
3.3.16	HT-2	147 (3%)	135 (4%)	10%	147 (3%)	135 (4%)	10%

3.3.17	HT-3	1348 (29%)	1116 (36%)	21%	1348 (29%)	1116 (36%)	21%
3.3.18	HT-4	140 (3%)	116 (4%)	21%	140 (3%)	116 (4%)	21%
3.3.19	HT-5	2 (0%)	6 (0%)	-68%	2 (0%)	6 (0%)	-68%
3.3.20	Rescos	2 (0%)	4 (0%)	-54%	2 (0%)	4 (0%)	-54%
3.3.21	HT	1643 (36%)	1381 (44%)	19%	1643 (36%)	1381 (44%)	19%
3.3.22	Discom Collections	4611	3116	48%	4611	3116	48%

### 3.4 Bills by Category (Nos)

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.4.1	0-30	31,38,515(17%)	30,16,821(17%)	4%	31,38,515(17%)	30,16,821(17%)	4%
3.4.2	31-75	39,95,649(22%)	40,05,346(23%)	0%	39,95,649(22%)	40,05,346(23%)	0%
3.4.3	76-125	34,20,779(18%)	33,21,931(19%)	3%	34,20,779(18%)	33,21,931(19%)	3%
3.4.4	126-225	28,96,848(16%)	26,86,311(15%)	8%	28,96,848(16%)	26,86,311(15%)	8%
3.4.5	226-400	9,56,339(5%)	8,60,357(5%)	11%	9,56,339(5%)	8,60,357(5%)	11%
3.4.6	>400	2,51,598(1%)	2,23,225(1%)	13%	2,51,598(1%)	2,23,225(1%)	13%
3.4.7	LT-1	1,46,59,728(79%)	1,41,13,991(79%)	4%	1,46,59,728(79%)	1,41,13,991(79%)	4%
3.4.8	LT-2	16,09,379(9%)	14,96,474(8%)	8%	16,09,379(9%)	14,96,474(8%)	8%
3.4.9	LT-3	81,664(0%)	80,038(0%)	2%	81,664(0%)	80,038(0%)	2%
3.4.10	LT-4	3,42,483(2%)	3,25,133(2%)	5%	3,42,483(2%)	3,25,133(2%)	5%
3.4.11	LT-5	18,31,902(10%)	17,43,724(10%)	5%	18,31,902(10%)	17,43,724(10%)	5%
3.4.12	LT-5 A (ii)	17,53,359(9%)	16,65,484(9%)	5%	17,53,359(9%)	16,65,484(9%)	5%
3.4.13	LT-5 excluding A(ii)	78,543(0%)	78,240(0%)	0%	78,543(0%)	78,240(0%)	0%
3.4.14	LT	1,85,25,156(100%)	1,77,59,360(100%)	4%	1,85,25,156(100%)	1,77,59,360(100%)	4%
3.4.15	HT-1	113(0%)	106(0%)	7%	113(0%)	106(0%)	7%
3.4.16	HT-2	4,584(0%)	4,257(0%)	8%	4,584(0%)	4,257(0%)	8%
3.4.17	HT-3	6,385(0%)	6,022(0%)	6%	6,385(0%)	6,022(0%)	6%
3.4.18	HT-4	745(0%)	678(0%)	10%	745(0%)	678(0%)	10%
3.4.19	HT-5	717(0%)	752(0%)	-5%	717(0%)	752(0%)	-5%
3.4.20	Rescos	1(0%)	82(0%)	-99%	1(0%)	82(0%)	-99%
3.4.21	HT	12,545(0%)	11,897(0%)	5%	12,545(0%)	11,897(0%)	5%
3.4.22	Discom Bills	1,85,37,701	1,77,71,257	4%	1,85,37,701	1,77,71,257	4%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.5.1	0-30	1.00	1.19	-17%	1.00	1.19	-17%
3.5.2	31-75	1.38	1.34	3%	1.38	1.34	3%
3.5.3	76-125	2.73	2.67	2%	2.73	2.67	2%
3.5.4	126-225	3.36	3.42	-2%	3.36	3.42	-2%
3.5.5	226-400	5.52	5.65	-2%	5.52	5.65	-2%
3.5.6	>400	7.99	8.01	0%	7.99	8.01	0%
3.5.7	LT-1	3.47	3.45	1%	3.47	3.45	1%
3.5.8	LT-2	10.54	10.36	2%	10.54	10.36	2%
3.5.9	LT-3	8.03	7.88	2%	8.03	7.88	2%
3.5.10	LT-4	2.95	3.20	-8%	2.95	3.20	-8%
3.5.11	LT-5	12.33	4.30	187%	12.33	4.30	187%
3.5.12	LT-5 A (ii)	15.78	3.95	299%	15.78	3.95	299%
3.5.13	LT-5 excluding A(ii)	3.17	5.60	-43%	3.17	5.60	-43%
3.5.14	LT	7.90	4.51	75%	7.90	4.51	75%
3.5.15	HT-1	6.71	8.49	-21%	6.71	8.49	-21%
3.5.16	HT-2	9.43	10.48	-10%	9.43	10.48	-10%
3.5.17	HT-3	8.59	7.51	14%	8.59	7.51	14%
3.5.18	HT-4	6.09	6.26	-3%	6.09	6.26	-3%
3.5.19	HT-5	0.56	0.35	63%	0.56	0.35	63%
3.5.20	Rescos	0.38	0.75	-50%	0.38	0.75	-50%

3.5.21	HT	8.02	6.80	18%	8.02	6.80	18%
3.5.22	ARR	7.94	5.30	50%	7.94	5.30	50%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.6.1	0-30	47	47	-2%	47	47	-2%
3.6.2	31-75	66	64	3%	66	64	3%
3.6.3	76-125	94	94	0%	94	94	0%
3.6.4	126-225	155	152	2%	155	152	2%
3.6.5	226-400	288	287	0%	288	287	0%
3.6.6	>400	561	568	-1%	561	568	-1%
3.6.7	LT-1	109	106	3%	109	106	3%
3.6.8	LT-2	192	186	3%	192	186	3%
3.6.9	LT-3	1831	1859	-2%	1831	1859	-2%
3.6.10	LT-4	402	389	3%	402	389	3%
3.6.11	LT-5	853	1031	-17%	853	1031	-17%
3.6.12	LT-5 A (ii)	647	849	-24%	647	849	-24%
3.6.13	LT-5 excluding A(ii)	5452	4894	11%	5452	4894	11%
3.6.14	LT	203	217	-6%	203	217	-6%
3.6.15	HT-1	50531	51226	-1%	50531	51226	-1%
3.6.16	HT-2	34134	30179	13%	34134	30179	13%
3.6.17	HT-3	245599	246521	0%	245599	246521	0%
3.6.18	HT-4	309570	273599	13%	309570	273599	13%
3.6.19	HT-5	46667	224043	-79%	46667	224043	-79%
3.6.20	Rescos	55430000	725244	7543%	55430000	725244	7543%
3.6.21	HT	163400	170791	-4%	163400	170791	-4%
3.6.22	AMC	313	331	-5%	313	331	-5%

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

#	Category	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
3.7.1	0-30	46	57	-18%	46	57	-18%
3.7.2	31-75	91	86	6%	91	86	6%
3.7.3	76-125	257	251	2%	257	251	2%
3.7.4	126-225	519	520	0%	519	520	0%
3.7.5	226-400	1589	1622	-2%	1589	1622	-2%
3.7.6	>400	4481	4556	-2%	4481	4556	-2%
3.7.7	LT-1	378	365	3%	378	365	3%
3.7.8	LT-2	2027	1927	5%	2027	1927	5%
3.7.9	LT-3	14709	14647	0%	14709	14647	0%
3.7.10	LT-4	1183	1244	-5%	1183	1244	-5%
3.7.11	LT-5	10516	4435	137%	10516	4435	137%
3.7.12	LT-5 A (ii)	10213	3356	204%	10213	3356	204%
3.7.13	LT-5 excluding A(ii)	17281	27412	-37%	17281	27412	-37%
3.7.14	LT	1602	977	64%	1602	977	64%
3.7.15	HT-1	338938	434906	-22%	338938	434906	-22%
3.7.16	HT-2	321750	316185	2%	321750	316185	2%
3.7.17	HT-3	2110775	1852408	14%	2110775	1852408	14%
3.7.18	HT-4	1884698	1712832	10%	1884698	1712832	10%
3.7.19	HT-5	26360	77527	-66%	26360	77527	-66%
3.7.20	Rescos	20800000	546341	3707%	20800000	546341	3707%
3.7.21	HT	1310028	1160940	13%	1310028	1160940	13%
3.7.22	ACPB	2487	1754	42%	2487	1754	42%

## 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	2295 (37%)	1928 (31%)	19%	2902 (47%)	-21%	2295 (37%)	1928 (31%)	19%	2902 (47%)	-21%
4.1.2	State Hydrel	205 (3%)	215 (3%)	-5%	218 (4%)	-6%	205 (3%)	215 (3%)	-5%	218 (4%)	-6%
4.1.3	CGS	1182 (19%)	1083 (17%)	9%	789 (13%)	50%	1182 (19%)	1083 (17%)	9%	789 (13%)	50%
4.1.4	Gas	44 (1%)	122 (2%)	-64%	45 (1%)	-1%	44 (1%)	122 (2%)	-64%	45 (1%)	-1%
4.1.5	IPPs	457 (7%)	163 (3%)	180%	780 (13%)	-41%	457 (7%)	163 (3%)	180%	780 (13%)	-41%
4.1.6	VRE-Wind	338 (5%)	360 (6%)	-6%	418 (7%)	-19%	338 (5%)	360 (6%)	-6%	418 (7%)	-19%
4.1.7	VRE-Solar	567 (9%)	643 (10%)	-12%	768 (13%)	-26%	567 (9%)	643 (10%)	-12%	768 (13%)	-26%
4.1.8	RE-Others	14 (0%)	23 (0%)	-39%	39 (1%)	-63%	14 (0%)	23 (0%)	-39%	39 (1%)	-63%
4.1.9	Markets	1044 (17%)	1680 (27%)	-38%	171 (3%)	512%	1044 (17%)	1680 (27%)	-38%	171 (3%)	512%
4.1.10	Others	35 (1%)	6 (0%)	476%	0 (0%)	-	35 (1%)	6 (0%)	476%	0 (0%)	-
4.1.11	Discom Purchases	6182	6224	-1%	6128	1%	6182	6224	-1%	6128	1%

### 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	1074 (32%)	873 (34%)	23%	1339 (51%)	-20%	1074 (32%)	873 (34%)	23%	1339 (51%)	-20%
4.2.2	State Hydrel	52 (2%)	51 (2%)	2%	52 (2%)	0%	52 (2%)	51 (2%)	2%	52 (2%)	0%
4.2.3	CGS	526 (16%)	421 (16%)	25%	295 (11%)	78%	526 (16%)	421 (16%)	25%	295 (11%)	78%
4.2.4	Gas	24 (1%)	29 (1%)	-18%	28 (1%)	-15%	24 (1%)	29 (1%)	-18%	28 (1%)	-15%
4.2.5	IPPs	173 (5%)	61 (2%)	184%	280 (11%)	-38%	173 (5%)	61 (2%)	184%	280 (11%)	-38%
4.2.6	VRE-Wind	159 (5%)	170 (7%)	-7%	197 (8%)	-19%	159 (5%)	170 (7%)	-7%	197 (8%)	-19%
4.2.7	VRE-Solar	251 (7%)	280 (11%)	-11%	353 (13%)	-29%	251 (7%)	280 (11%)	-11%	353 (13%)	-29%
4.2.8	RE-Others	7 (0%)	13 (1%)	-48%	0 (0%)	-	7 (0%)	13 (1%)	-48%	0 (0%)	-
4.2.9	Markets	1037 (31%)	675 (26%)	54%	73 (3%)	1314%	1037 (31%)	675 (26%)	54%	73 (3%)	1314%
4.2.10	Others	59 (2%)	10 (0%)	479%	0 (0%)	-	59 (2%)	10 (0%)	479%	0 (0%)	-
4.2.11	Power Purchase Cost	3361	2584	30%	2617	28%	3361	2584	30%	2617	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	288	253	14%	353	-18%	288	253	14%	353	-18%
4.3.2	State Hydrel	52	51	2%	52	0%	52	51	2%	52	0%
4.3.3	CGS	121	114	6%	76	59%	121	114	6%	76	59%
4.3.4	Gas	0	2	-100%	18	-100%	0	2	-100%	18	-100%
4.3.5	IPPs	22	23	-5%	71	-69%	22	23	-5%	71	-69%
4.3.6	Fixed Cost	483	443	9%	570	-15%	483	443	9%	570	-15%

#### 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	785	620	27%	985	-20%	785	620	27%	985	-20%
4.4.2	CGS	405	307	32%	219	85%	405	307	32%	219	85%
4.4.3	Gas	24	27	-12%	11	127%	24	27	-12%	11	127%
4.4.4	IPPs	151	38	299%	209	-28%	151	38	299%	209	-28%
4.4.5	VRE-Wind	159	170	-7%	197	-19%	159	170	-7%	197	-19%
4.4.6	VRE-Solar	251	280	-11%	353	-29%	251	280	-11%	353	-29%
4.4.7	RE-Others	7	12	-45%	0	-	7	12	-45%	0	-
4.4.8	Markets	1037	675	54%	73	1314%	1037	675	54%	73	1314%
4.4.9	Variable Cost	2819	2130	32%	2047	38%	2819	2130	32%	2047	38%

#### 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	4.68	4.53	3%	4.61	1%	4.68	4.53	3%	4.61	1%
4.5.2	State Hydel	2.55	2.38	7%	2.41	6%	2.55	2.38	7%	2.41	6%
4.5.3	CGS	4.45	3.89	14%	3.74	19%	4.45	3.89	14%	3.74	19%
4.5.4	Gas	5.49	2.41	128%	6.37	-14%	5.49	2.41	128%	6.37	-14%
4.5.5	IPPs	3.78	3.73	1%	3.59	5%	3.78	3.73	1%	3.59	5%
4.5.6	VRE-Wind	4.71	4.73	0%	4.70	0%	4.71	4.73	0%	4.70	0%
4.5.7	VRE-Solar	4.42	4.35	1%	4.60	-4%	4.42	4.35	1%	4.60	-4%
4.5.8	RE-Others	4.76	5.57	-15%	0.00	-	4.76	5.57	-15%	0.00	-
4.5.9	Markets	9.93	4.02	147%	4.30	131%	9.93	4.02	147%	4.30	131%
4.5.10	Others	16.61	16.53	1%	0.00	-	16.61	16.53	1%	0.00	-
4.5.11	Weighted Average	5.44	4.15	31%	4.27	27%	5.44	4.15	31%	4.27	27%

#### 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	1.26	1.31	-4%	1.22	3%	1.26	1.31	-4%	1.22	3%
4.6.2	State Hydel	2.55	2.38	7%	2.41	6%	2.55	2.38	7%	2.41	6%
4.6.3	CGS	1.02	1.05	-3%	0.96	6%	1.02	1.05	-3%	0.96	6%
4.6.4	Gas	0.00	0.15	-100%	3.98	-100%	0.00	0.15	-100%	3.98	-100%
4.6.5	IPPs	0.48	1.42	-66%	0.91	-47%	0.48	1.42	-66%	0.91	-47%
4.6.6	Average FC	0.78	0.73	7%	0.93	-16%	0.78	0.73	7%	0.93	-16%

#### 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	3.42	3.21	7%	3.40	1%	3.42	3.21	7%	3.40	1%
4.7.2	CGS	3.43	2.84	21%	2.77	24%	3.43	2.84	21%	2.77	24%
4.7.3	Gas	5.49	2.25	144%	2.39	130%	5.49	2.25	144%	2.39	130%
4.7.4	IPPs	3.30	2.32	42%	2.69	23%	3.30	2.32	42%	2.69	23%
4.7.5	VRE-Wind	4.71	4.73	0%	4.70	0%	4.71	4.73	0%	4.70	0%
4.7.6	VRE-Solar	4.42	4.35	1%	4.60	-4%	4.42	4.35	1%	4.60	-4%
4.7.7	RE-Others	4.76	5.57	-15%	0.00	-	4.76	5.57	-15%	0.00	-
4.7.8	Markets	9.93	4.02	147%	4.30	131%	9.93	4.02	147%	4.30	131%
4.7.9	Average VC	4.65	3.42	36%	3.34	39%	4.65	3.42	36%	3.34	39%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.8.1	LT	2174	1691	29%	2174	1691	29%
4.8.2	11KV	299	219	36%	299	219	36%
4.8.3	33KV	332	254	31%	332	254	31%
4.8.4	EHT	555	420	32%	555	420	32%
4.2.11	Power Purchase Cost	3361	2584	30%	3361	2584	30%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.9.1	LT	562	529	6%	562	529	6%
4.9.2	11KV	77	69	13%	77	69	13%
4.9.3	33KV	86	79	8%	86	79	8%
4.9.4	EHT	144	132	9%	144	132	9%
2.20	Network Cost	869	809	7%	869	809	7%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.10.1	LT	21	20	5%	21	20	5%
4.10.2	11KV	3	3	11%	3	3	11%
4.10.3	33KV	3	3	7%	3	3	7%
4.10.4	EHT	5	5	8%	5	5	8%
2.23	Retail Supply Cost	32	30	6%	32	30	6%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.11.1	LT	2757	2240	23%	2757	2240	23%
4.11.2	11KV	379	290	31%	379	290	31%
4.11.3	33KV	422	336	25%	422	336	25%
4.11.4	EHT	704	557	27%	704	557	27%
2.24	Cost of Service	4262	3423	25%	4262	3423	25%

#### 4.12 Losses by Voltage (MU)

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.12.1	LT	98	105	-6%	98	105	-6%
4.12.2	11KV	153	159	-4%	153	159	-4%
4.12.3	33KV	211	207	2%	211	207	2%
4.12.4	EHT	198	189	5%	198	189	5%
4.12.5	Loss	660	659	0%	660	659	0%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.13.1	LT	2825	2294	23%	2825	2294	23%
4.13.2	11KV	379	290	31%	379	290	31%
4.13.3	33KV	407	324	26%	407	324	26%
4.13.4	EHT	652	515	27%	652	515	27%
2.24	Cost of Service	4262	3423	25%	4262	3423	25%

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

#	Voltage	Month			YTD		
		CY	PY	% ↑	CY	PY	% ↑
4.14.1	LT	7.5	6.0	26%	7.5	6.0	26%
4.14.2	11KV	7.3	5.8	26%	7.3	5.8	26%
4.14.3	33KV	7.1	5.6	26%	7.1	5.6	26%
4.14.4	EHT	6.8	5.4	26%	6.8	5.4	26%
2.37	ACS	7.3	5.8	26%	7.3	5.8	26%

## 5. Receivables

### 5.1 Income Estimates (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
5.1.1	<b>Subsidy</b>	<b>3813</b>	<b>2781</b>	<b>2781</b>	<b>2781</b>	<b>12155</b>
5.1.2	Agriculture Subsidy	3300	2274	2274	2274	10123
5.1.3	Aquaculture Subsidy	334	238	238	238	1048
5.1.4	SC Colonies Subsidy	86	129	129	129	474
5.1.5	ST Thandas Subsidy	18	28	28	28	102
5.1.6	Other Subsidy	74	112	112	112	409
5.1.7	<b>Govt Agencies</b>	<b>997</b>	<b>1223</b>	<b>1223</b>	<b>1223</b>	<b>4665</b>
5.1.8	Panchayats	311	426	426	426	1590
5.1.9	WR Dept	121	179	179	179	657
5.1.10	ULB	332	467	467	467	1735
5.1.11	Other Govt Dept	232	150	150	150	682
5.1.12	<b>Govt serviced debt</b>	<b>86</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86</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>7665</b>	<b>7792</b>	<b>7792</b>	<b>7792</b>	<b>31042</b>
5.1.15	<b>Total</b>	<b>12560</b>	<b>11796</b>	<b>11796</b>	<b>11796</b>	<b>47948</b>
5.1.16	<b>Opex Loans</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>
5.1.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 5.2 Receivables during Month (Rs Cr)

#	Item	ERC-BE	Demand	Collections		Balance	% ↑	% δ ERC
				CY	PY			
5.2.1	<b>Subsidy</b>	<b>927</b>	<b>950</b>	<b>1959</b>	<b>641</b>	<b>-1009</b>	<b>206%</b>	<b>111%</b>
5.2.2	Agriculture Subsidy	758	762	1784	552	-1022	223%	135%
5.2.3	Aquaculture Subsidy	79	100	175	89	-75	97%	121%
5.2.4	SC Colonies Subsidy	43	42	0	0	42	-	-100%
5.2.5	ST Thandas Subsidy	9	9	0	0	9	-	-100%
5.2.6	Other Subsidy	37	37	0	0	37	-	-100%
5.2.7	<b>Govt Agencies</b>	<b>408</b>	<b>436</b>	<b>182</b>	<b>136</b>	<b>254</b>	<b>34%</b>	<b>-55%</b>
5.2.8	Panchayats	142	122	27	23	95	18%	-81%
5.2.9	WR Dept	60	86	2	2	83	-1%	-97%
5.2.10	ULB	156	54	21	17	33	20%	-87%
5.2.11	Other Govt Dept	50	175	132	93	42	42%	165%
5.2.12	<b>Govt serviced debt</b>	<b>0</b>	<b>116</b>	<b>86</b>	<b>0</b>	<b>30</b>	<b>-</b>	<b>-</b>
5.2.13	<b>UDAY Receivables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>
5.2.14	<b>Private Customers Receivables</b>	<b>2597</b>	<b>2547</b>	<b>2470</b>	<b>2340</b>	<b>77</b>	<b>6%</b>	<b>-5%</b>
5.2.15	<b>Total</b>	<b>3932</b>	<b>4049</b>	<b>4696</b>	<b>3116</b>	<b>-648</b>	<b>51%</b>	<b>19%</b>
5.2.16	<b>Opex Loans</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>3550</b>	<b>24</b>	<b>-99%</b>	<b>-</b>
5.2.17	<b>Capex Loans</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>-100%</b>	<b>-</b>

### 5.3 Receivables YTD (Rs Cr)

#	Item	OB	ERC-BE	Demand	Collections		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
5.3.1	<b>Subsidy</b>	<b>4921</b>	<b>927</b>	<b>950</b>	<b>1959</b>	<b>641</b>	<b>3912</b>	<b>3580</b>	<b>206%</b>	<b>111%</b>
5.3.2	Agriculture Subsidy	2242	758	762	1784	552	1220	2059	223%	135%
5.3.3	Aquaculture Subsidy	1683	79	100	175	89	1608	680	97%	121%
5.3.4	SC Colonies Subsidy	724	43	42	0	0	766	646	-	-100%
5.3.5	ST Thandas Subsidy	249	9	9	0	0	258	154	-	-100%
5.3.6	Other Subsidy	23	37	37	0	0	60	40	-	-100%
5.3.7	<b>Govt Agencies</b>	<b>9261</b>	<b>408</b>	<b>436</b>	<b>182</b>	<b>136</b>	<b>9515</b>	<b>7546</b>	<b>34%</b>	<b>-55%</b>
5.3.8	Panchayats	3800	142	122	27	23	3895	3288	18%	-81%

5.3.9	WR Dept	4725	60	86	2	2	4809	3854	-1%	-97%
5.3.10	ULB	245	156	54	21	17	278	131	20%	-87%
5.3.11	Other Govt Dept	491	50	175	132	93	533	272	42%	165%
5.3.12	<b>Govt serviced debt</b>	0	0	116	86	0	30	0	-	-
5.3.13	<b>UDAY Receivables</b>	0	0	0	0	0	0	0	-	-
5.3.14	<b>Private Customers Receivables</b>	3565	2597	2547	2470	2340	3641	2834	6%	-5%
5.3.15	<b>Total</b>	<b>17747</b>	<b>3932</b>	<b>4049</b>	<b>4696</b>	<b>3116</b>	<b>17099</b>	<b>13959</b>	<b>51%</b>	<b>19%</b>
5.3.16	<b>Opex Loans</b>	0	0	0	24	3550	24	0	-99%	-
5.3.17	<b>Capex Loans</b>	0	0	0	0	21	0	0	-100%	-

## 6. Payables

### 6.1 Expenditure for FY23 (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
6.1.1	<b>PP Cost</b>	<b>8709</b>	<b>7644</b>	<b>7567</b>	<b>8201</b>	<b>32121</b>
6.1.2	State Thermal	3612	3555	3557	3967	14691
6.1.3	State Hydel	157	157	157	157	628
6.1.4	CGS	1086	922	931	939	3877
6.1.5	IPPs Gas	81	70	86	85	322
6.1.6	IPPs Thermal	731	786	835	766	3117
6.1.7	VRE- Wind	1017	1379	541	511	3447
6.1.8	VRE- Solar	864	718	710	878	3169
6.1.9	RE-Others	51	57	79	78	265
6.1.10	Market	1052	0	671	821	2544
6.1.11	Other	59	0	0	0	59
6.1.12	Wind @ interim rate	1648	1379	541	511	4078
6.1.13	Solar @ interim rate	658	718	710	878	2964
6.1.14	<b>CTU Cost</b>	<b>198</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>810</b>
6.1.15	<b>STU Cost</b>	<b>743</b>	<b>741</b>	<b>741</b>	<b>741</b>	<b>2966</b>
6.1.16	<b>Distribution Cost</b>	<b>2319</b>	<b>2592</b>	<b>2592</b>	<b>2592</b>	<b>10097</b>
6.1.17	O&M Cost	1429	1606	1606	1606	6246
6.1.18	HR Cost	1162	1287	1287	1287	5024
6.1.19	A&G Cost	84	99	99	99	380
6.1.20	R&M Cost	182	220	220	220	842
6.1.21	Depreciation	383	382	382	382	1530
6.1.22	ROCE	347	486	486	486	1803
6.1.23	Others	161	119	119	119	518
6.1.24	<b>Cost of Service</b>	<b>11968</b>	<b>11181</b>	<b>11104</b>	<b>11739</b>	<b>45993</b>
6.1.25	Capex Debt service (P+I)	296	236	236	236	1003
6.1.26	Opex Debt service (P+I)	330	0	0	0	330

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

#	Item	ERC-BE	Payable	Paid		Balance	% ↑	% δ ERC
				CY	PY			
6.2.1	<b>PP Cost</b>	<b>2639</b>	<b>3361</b>	<b>3066</b>	<b>4042</b>	<b>295</b>	<b>-24%</b>	<b>16%</b>
6.2.2	State Thermal	1339	1074	1697	751	-623	126%	27%
6.2.3	State Hydel	52	52	52	52	0	0%	-1%
6.2.4	CGS	295	526	97	1468	429	-93%	-67%
6.2.5	IPPs Gas	28	24	20	39	4	-49%	-30%
6.2.6	IPPs Thermal	280	173	175	81	-2	116%	-38%
6.2.7	VRE- Wind	197	159	5	730	154	-99%	-97%
6.2.8	VRE- Solar	353	251	4	228	247	-98%	-99%
6.2.9	RE-Others	22	7	10	66	-3	-85%	-54%
6.2.10	Market	73	1037	1006	627	31	60%	1272%
6.2.11	Other	0	59	0	0	59	-	-100%
6.2.12	Wind @ interim rate	197	790	0	730	790	-100%	-100%
6.2.13	Solar @ interim rate	353	45	1	200	44	-100%	-100%
6.2.14	<b>CTU Cost</b>	<b>68</b>	<b>62</b>	<b>86</b>	<b>163</b>	<b>-24</b>	<b>-47%</b>	<b>26%</b>
6.2.15	<b>STU Cost</b>	<b>247</b>	<b>249</b>	<b>99</b>	<b>223</b>	<b>150</b>	<b>-56%</b>	<b>-60%</b>
6.2.16	<b>Distribution Cost</b>	<b>864</b>	<b>591</b>	<b>439</b>	<b>554</b>	<b>151</b>	<b>-21%</b>	<b>-49%</b>
6.2.17	O&M Cost	535	358	358	453	0	-21%	-33%
6.2.18	HR Cost	429	304	304	392	0	-22%	-29%
6.2.19	A&G Cost	33	18	18	21	0	-15%	-44%
6.2.20	R&M Cost	73	36	36	39	0	-9%	-51%
6.2.21	Depreciation	127	128	0	60	0	-100%	-100%
6.2.22	ROCE	162	23	0	0	0	-	-100%

6.2.23	Others	40	81	81	41	0	101%	105%
6.2.24	<b>Cost of Service</b>	<b>3818</b>	<b>4262</b>	<b>3690</b>	<b>4982</b>	<b>572</b>	<b>-26%</b>	<b>-3%</b>
7.2.2	Capex Debt service (P+I)	79	139	139	127	0	10%	77%
7.2.1	Opex Debt service (P+I)	0	330	726	1932	-395	-62%	0%

### 6.3 Payables YTD (Rs Cr)

#	Item	OB	ERC-BE	Payable	Paid		CB	OD > 180 Days	% ↑	% δ ERC
					CY	PY				
6.3.1	<b>PP Cost</b>	<b>11142</b>	<b>2639</b>	<b>3361</b>	<b>3066</b>	<b>4042</b>	<b>11437</b>	<b>3200</b>	<b>-24%</b>	<b>16%</b>
6.3.2	State Thermal	1525	1339	1074	1697	751	902	685	126%	27%
6.3.3	State Hydel	77	52	52	52	52	77	130	0%	-1%
6.3.4	CGS	1357	295	526	97	1468	1786	55	-93%	-67%
6.3.5	IPPs Gas	63	28	24	20	39	67	28	-49%	-30%
6.3.6	IPPs Thermal	559	280	173	175	81	557	370	116%	-38%
6.3.7	VRE- Wind	5351	197	159	5	730	5505	1419	-99%	-97%
6.3.8	VRE- Solar	2053	353	251	4	228	2300	513	-98%	-99%
6.3.9	RE-Others	73	22	7	10	66	70	0	-85%	-54%
6.3.10	Market	84	73	1037	1006	627	115	0	60%	1272%
6.3.11	Other	0	0	59	0	0	59	0	-	-100%
6.3.12	Wind @ interim rate	0	197	790	0	730	790	0	-100%	-100%
6.3.13	Solar @ interim rate	7	353	45	1	200	51	0	-100%	-100%
6.3.14	<b>CTU Cost</b>	<b>86</b>	<b>68</b>	<b>62</b>	<b>86</b>	<b>163</b>	<b>62</b>	<b>0</b>	<b>-47%</b>	<b>26%</b>
6.3.15	<b>STU Cost</b>	<b>1995</b>	<b>247</b>	<b>249</b>	<b>99</b>	<b>223</b>	<b>2145</b>	<b>167</b>	<b>-56%</b>	<b>-60%</b>
6.3.16	<b>Distribution Cost</b>	<b>0</b>	<b>864</b>	<b>591</b>	<b>439</b>	<b>554</b>	<b>151</b>	<b>0</b>	<b>-21%</b>	<b>-49%</b>
6.3.17	O&M Cost	0	535	358	358	453	0	0	-21%	-33%
6.3.18	HR Cost	0	429	304	304	392	0	0	-22%	-29%
6.3.19	A&G Cost	0	33	18	18	21	0	0	-15%	-44%
6.3.20	R&M Cost	0	73	36	36	39	0	0	-9%	-51%
6.3.21	Depreciation	0	127	128	0	60	0	0	-100%	-100%
6.3.22	ROCE	0	162	23	0	0	0	0	-	-100%
6.3.23	Others	0	40	81	81	41	0	0	101%	105%
6.3.24	<b>Cost of Service</b>	<b>13223</b>	<b>3818</b>	<b>4262</b>	<b>3690</b>	<b>4982</b>	<b>13795</b>	<b>3367</b>	<b>-26%</b>	<b>-3%</b>
6.3.25	Capex Debt service (P+I)	0	79	139	139	127	0	0	10%	77%
6.3.26	Opex Debt service (P+I)	0	0	330	726	1932	-395	0	-62%	-

## 7. Debt Servicing

### 7.1 Debt Servicing Schedule (Rs Cr)

#	Item	Q1	Q2	Q3	Q4	FY23
7.1.1	ERC allowed-Capex Debt	296	236	236	236	1003
7.1.2	ERC disallowable-Opex Debt	330	0	0	0	330
7.1.3	<b>Debt Servicing</b>	627	236	236	236	1334

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

#	Item	ERC-BE	Due	Paid		Over Due	% ↑	% δ ERC
				CY	PY			
7.2.1	ERC allowed-Capex Debt	79	139	139	127	0	10%	77%
7.2.2	ERC disallowable-Opex Debt	0	330	726	1932	-395	-62%	0%
7.2.3	<b>Debt Servicing</b>	79	470	865	2059	-395	-58%	1001%

### 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	79	139	139	127	0	0	10%	77%
7.3.2	ERC disallowable-Opex Debt	0	0	330	726	1932	-395	103	-62%	0%
7.3.3	<b>Debt Servicing</b>	0	79	470	865	2059	-395	103	-58%	1001%

### 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	5239	5273	-1%	5738	5831	-2%	10977	11104	-1%
7.4.2	PFC	618	681	-9%	5055	5123	-1%	5673	5804	-2%
7.4.3	APPFCL	0	0	-	11598	11667	-1%	11598	11667	-1%
7.4.4	BANKS	1498	1532	-2%	1400	1395	0%	2898	2927	-1%
7.4.5	IREDA	0	0	-	688	874	-21%	688	874	-21%
7.4.6	ICD	0	0	-	751	784	-4%	751	784	-4%
7.4.7	PTC	0	0	-	104	109	-5%	104	109	-5%
7.4.8	GOAP	9	9	0%	0	0	-	9	9	0%
7.4.9	OTHERS	1116	690	62%	4385	4087	7%	5502	4776	15%
7.4.10	<b>Debt Outstanding</b>	<b>8480</b>	<b>8184</b>	<b>4%</b>	<b>29719</b>	<b>29870</b>	<b>-1%</b>	<b>38199</b>	<b>38055</b>	<b>0%</b>

## Abbreviations and Acronyms

General	
#	Serial Number
%↑(YoY Growth)	$\frac{(\text{Value of given Category in Current Year} - \text{Value in Last Year for given Category}) * 100}{\text{Value in Last Year for given Category}}$
Apr-April, May-May, Jun-June, Jul-July, Aug-August, Sep-September, Oct- October, Nov- November, Dec- December, Jan- January, Feb- February, Mar- March	
FY	Financial Year Ending with March
Mth	Month
YTD	Year to Date
MU	Million Units (10 <sup>6</sup> Units)
Rs Cr	Rupees Crore
KPIs	Key Performance Indicators
KWh	Kilo Watt Hour (1 Unit)
KV	Kilo Volts (10 <sup>3</sup> V)
%δ ERC (Deviation)	$\frac{(\text{Actual Value of given Category in Current Year} - \text{Approved value by APERC for given Category}) * 100}{\text{Approved value by APERC for given Category}}$
Distribution Licensees	Central Power Distribution Corporation of Andhra Pradesh Limited (APCPDCL) Eastern Power Distribution Corporation of Andhra Pradesh Limited (APEPDCL) Southern Power Distribution Corporation of Andhra Pradesh Limited (APSPDCL)
Discoms	Distribution Companies
STU	State Transmission Utility
CTU	Central Transmission Utility
MW	Mega Watt (10 <sup>3</sup> Watt)
APERC	Andhra Pradesh Electricity Regulatory Commission
Rs Lacs	Rupees Lacs
APPCC	Andhra Pradesh Power Coordination Committee
APSLDC	State load Dispatch Centre of Andhra Pradesh
Q1- Quarter-1 (Apr-Jun), Q2- Quarter-2 (Jul-Sep), Q3- Quarter-3 (Oct-Dec), Q4- Quarter-4 (Jan-Mar)	
OD	Over Due
OB	Opening Balance
CB	Closing Balance
BE	Budget Estimate
PY	Past Financial Year
CY	Current Financial Year
Tariff Categories	
Category segregation for previous years are considered as per the categories mentioned in APERC Retail Supply Tariff Order -2021-22 irrespective of categories at that period and the sub categories are mentioned as below.	
0-30	LT Domestic Consumers with consumption < 30units in the month
31-75	LT Domestic Consumers with consumption > 30 units and <=75 units in the month
76-125	LT Domestic Consumers with consumption > 75 units and <=125 units in the month
126-225	LT Domestic Consumers with consumption > 125 units and <=225 units in the month
226-400	LT Domestic Consumers with consumption > 75 units and <=400 units in the month
>400	LT Domestic Consumers with consumption > 400units in the month
LT-1	Domestic (LT)
LT-2	Commercial (LT)- Minor (<50kWh), Major (>50kWh), Advertising Hoardings, Function Halls/ Auditorium, Startup Power, Electric Vehicles/Charging Stations
LT-3	Industrial (LT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Seasonal Industries, Cottage Industries (<10HP)
LT-4	Institutional (LT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places
LT-5	Agriculture (LT)- Corporate Farming, Non-Corporate Farming, Salt Farming, Horticulture, Flora Culture, Sugarcane Crushing, Aqua Culture and Animal Husbandry, Agro based Cottage Industries
LT-5 A(ii)	Sales incurred for Free Agriculture
HT	High Tension
HT-1	Domestic (HT)- Townships, Colonies, Gated Communities and Villas
HT-2	Commercial (HT)- Major, Function Halls/ Auditoriums, Startup power, Electric Vehicles/ Charging Stations, Green Power

HT-3	Industrial (HT)- General, Poultry Hatcheries & Feed Mixing Plants, Aqua Hatcheries and Feed Mixing Plants, Industrial Colonies, Seasonal Industries, Energy Intensive Industries
HT-4	Institutional (HT)- Utilities (Street Lighting, NTR Sujala Pathakam, CPWS, PWS), General Purpose, Religious Places, Electric Traction
HT-5	Agriculture (HT)-Aqua Culture and Animal Husbandry, Government/Private Lift irrigation
Rescos	Rural Electric Supply Cooperative Societies
Temporary Supply	There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed at the rate and other conditions specified in this order.
Categories not defined in either HT-Supply or LT-Supply shall be billed at the rates specified in Category - II (A) (ii) Commercial – Major Purchases and Payables	
<b>Purchases and Payables</b>	
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)
3.1.12	Agl 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	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		
3.5.22	ARR	Refer 3.5
3.6.22	AMC	Refer 3.6
3.7.22	ACPB	Refer 3.7

Note:

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

### 2. Purchases

Power Purchase		
3.1.22	Discom Sales	<b>D</b> =Refer 3.1.22
2.01	Discom Losses	Loss Incurred at Voltage <= 33KV
2.02	Discom Input	<b>C</b> =Input at Discom Periphery
2.03	Transmission Loss	<b>B</b> = Loss Incurred at Voltage >33KV
4.1.11	Discom Purchases	<b>A</b> =Refer 4.1.11
4.2.11	Power Purchase Cost	Refer 4.2.11
Contracted Network Capacity (MW)		
2.04	STU	Contracted Capacity of State Transmission Utility
2.05	CTU	Contracted Capacity of Central Transmission Utility
2.06	Distribution	Contracted Capacity of Distribution Network
Capacity Charges		
2.07	STU Charges	$\frac{\text{STU Cost (Rs Cr)} \times 100}{\text{Total STU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.08	CTU Charges	$\frac{\text{CTU Cost (Rs Cr)} \times 100}{\text{Total CTU Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
2.09	Distribution Charges	$\frac{\text{Distribution Network Cost (Rs Cr)} \times 100}{\text{Total Distribution Capacity Contracted by Discoms (MW)}} \text{ (Rs Lacs/MW/Month)}$
Network Cost (Rs Cr)		
2.10	STU Cost	<b>a</b> =Expenditure for using State Transmission Network for Transmission of Power

2.11	CTU Cost	<b>b</b> =Expenditure for using Central Transmission Network for Transmission
2.12	Distribution Network Cost	<b>c</b> =Expenditure incurred to Discoms for wheeling of Energy through its Network (d+h+i+j)
2.13	O&M Cost	<b>d</b> =Operation and Maintenance Cost (e+f+g)
2.14	HR Cost	<b>e</b> =Human Resource Cost
2.15	A&G Cost	<b>f</b> =Admin and General Cost
2.16	R & M Cost	<b>g</b> =Repairs and Maintenance
2.17	Depreciation	<b>h</b> = value of a fixed asset minus all of the accumulated depreciation that has been recorded against it
2.18	ROCE	<b>i</b> =Return on Capital Employed
2.19	Others	<b>j</b> =Any other Cost
2.20	Network Cost	CTU Cost + STU Cost + Distribution Cost
<b>Retail Supply Cost (Rs Cr)</b>		
2.21	B&C Cost and Supply Margin	<b>k</b> =Billing and Collection Cost and Supply Gain Margin
2.22	Interest on Security Deposits	<b>l</b> =interest on security deposit collected from the consumers
2.23	Retail Supply Cost	k+l
<b>Cost of Service (Rs Cr)</b>		
2.24	Cost of Service	Power Purchase Cost + Network Cost +Retail Supply Cost
7.2.2	ERC Disallowed Debt Service	Refer 7.2.2
<b>KPIs on Purchase basis</b>		
4.5.11	Energy Cost on Purchase Basis	Refer 4.5.11
2.25	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.26	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
4.5.3	CTU Cost Per Unit on CGS purchases	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{CGS Purchases by Discom(MU)}} \text{ (Rs /kWh)}$
2.27	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.28	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.29	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
2.30	Cost of Service per Unit	$\frac{\text{Cost of Service(Rs Cr)} \times 10}{\text{Discom Purchase(MU)}} \text{ (Rs /kWh)}$
<b>KPIs on Sales basis</b>		
2.31	Energy Cost on Sales Basis	$\frac{\text{Power Purchase Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.32	STU Cost per Unit	$\frac{\text{STU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.33	CTU Cost per Unit	$\frac{\text{CTU Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.34	Distribution Network Cost per Unit	$\frac{\text{Distribution Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.35	Network Cost per Unit	$\frac{\text{Total Network Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.36	Retail Supply Cost per Unit	$\frac{\text{Total Supply Cost(Rs Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.37	ACS	$\frac{\text{Cost of Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
2.38	ERC Disallowed Debt Service per Unit	$\frac{\text{ERC Disallowed Debt Service(Rs. Cr)} \times 10}{\text{Discom Sales(MU)}} \text{ (Rs /kWh)}$
<b>AT&amp;C Losses</b>		
2.39	Collection $\eta$	$J=(F+G-I)/E * 100$
2.40	Units Realized	$K=D * J / 100$
2.41	Units Unrealized	$L=C-K$
2.42	AT&C Losses	$M=\text{Aggregate Technical and Commercial Loss} = L/C * 100$
<b>ARR-ACS GAP</b>		
2.43	GAP	=ARR-ACS

Note:

1. Power Purchase Cost (Rs Cr) is obtained from APPCC

### 3. Sales by Categories

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

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

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

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

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

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

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

### 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 Losses by Voltage Level (MU)- Transmission & Distribution losses segregated by Voltage

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

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) =  $\frac{\text{Cost of Service by voltage level on Purchase Basis at specified voltage (Rs Cr)*10}}{\text{Sales at Same Voltage Level(MU)}}$

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