

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form: Summary of FAC Submissions

A. Variation in Sales

Sr. No.	Particulars	HT-Category	LT-Category	Total
1	Approved Sales in Tariff Order (MU)	3,986.38	5,622.14	9,608.52
2	Actual Sales in Tariff Order (MU)	4,028.87	6,028.28	10,057.15
3	Difference (2-1)	42.49	406.14	448.63

B. Distribution Loss

Sr. No.	Particulars	%
1	Approved Distribution Loss Target (%)	14.00%
2	Actual Cumulative Dist. Loss (%)	9.35%
3	Difference (2-1)	-4.65%

C. Variation in Power Purchase

Sr. No.	Source	Approved In Tariff Order			Actuals For the month			Difference (Actuals - Approved)		
		Quantum (MU)	Amt. (Rs. Cr)	Rate (Rs/kWh)	Quantum (MU)	Amt. (Rs. Cr)	Rate (Rs/kWh)	Quantum (MU)	Amt. (Rs. Cr)	Rate (Rs/kWh)
1	Thermal	8,249.77	3,464.07	4.20	8,905.86	4,667.56	5.24	656.09	1,203.49	1.04
2	Gas	287.87	125.28	4.35	75.47	76.52	10.14	-212.40	-48.76	5.79
3	Hydro	391.13	94.38	2.41	498.96	122.81	2.46	107.83	28.43	0.05
4	Nuclear	405.39	121.27	2.99	387.64	120.91	3.12	-17.75	-0.37	0.13
5	Solar	899.63	314.42	3.49	631.75	228.96	3.62	-267.88	-85.46	0.13
6	Non Solar	830.88	375.17	4.52	636.22	271.82	4.27	-194.66	-103.34	-0.24
7	Short Term	-	-	-	143.94	73.32	5.09	143.94	73.32	5.09
8	REC	-	-	-	-	-	-	-	-	-
9	Inter state transmission	-	305.16	-	-	444.23	-	-	139.07	-
10	FBSM	-	-	-	-148.28	-53.71	3.62	-148.28	-53.71	3.62
11	Sale of surplus power	-	-	-	-193.99	-11.49	0.59	-193.99	-11.49	0.59
	Total	11,064.66	4,799.74	4.34	10,937.56	5,940.93	5.43	-127.10	1,141.18	1.09

D. FAC computation for the month

Sr. No.	Particulars	Units	
1	Calculation of ZFAC		
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	1,196.32
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	2.58
1.3	Adjustment factor for over-recovery/under-recovery (B)	Rs. Crore	337.12
1.4	ZFAC = F+C+B	Rs. Crore	1,536.02
2	Calculation of FAC Charge		
2.1	Energy Sales within the License Area	MU	10,057.15
2.2	Excess Distribution Loss	MU	680.04
2.3	ZFAC per kWh [(1.3/2.1)*10]	Rs./kWh	1.53
3	Allowable FAC		
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	80.89
3.2	FAC allowable [1.4-3.1]	Rs. Crore	1,455.13

E. FAC leviable to Consumers

Sr. No.	Particulars	Units	
1	Opening Balance of FAC Fund	Rs. Crore	573.56
2	FAC Allowable as computed in above table	Rs. Crore	1,455.13
3	Holding cost of Fund	Rs. Crore	-
4	Closing Balance of FAC Fund	Rs. Crore	2,028.69
5	FAC leviable/refundable to consumer	Rs. Crore	2,028.69

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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					Fuel available under FSA WCL	Fuel available under FSA MCL	
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MMT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel			
State Generating Stations											MMT	MMT	
1	Bhusawal TPS	Bhusawal - 3	210	210	Coal	1.24	WCL,SECL	0.73	0.51	1. Firstly reallocation of available linkages under "flexible utilisation" policy. Then 17 MMT of the FSA coal to be benefited to get @ 13 MMT of washed coal. 2. Procurement of 3 MMT of imported coal. 3. Procurement of @ 8 MMT MoU coal from WCL & SCCL	0.330	0.000	
2	Bhusawal TPS	Bhusawal - 4	500	500	Coal	2.68	WCL,SECL	3.5	1.85		1.590	0.000	
3	Bhusawal TPS	Bhusawal - 5	500	500	Coal	2.68	WCL,SECL		-0.04		0.930	3.070	
4	Khaparkhedda TPS	Khaparkhedda - 1 to 4	840	840	Coal	4.98	WCL, MCL, SECL	5	0.36		0.500	0.810	
5	Khaparkhedda TPS	Khaparkhedda - 5	500	500	Coal	2.68	WCL, MCL, SECL	2.31	0.6		2.350	0.000	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	Coal	3.68	WCL,SECL	3.07	12.8		-1.88	11.890	0.000
7	Chandrapur TPS	Chandrapur - 3	210	210	Coal	1.20	WCL,SECL						
8	Chandrapur TPS	Chandrapur - 4	210	210	Coal	1.20	WCL,SECL						
9	Chandrapur TPS	Chandrapur - 5	500	500	Coal	2.85	WCL,SECL						
10	Chandrapur TPS	Chandrapur - 6	500	500	Coal	2.85	WCL,SECL						
11	Chandrapur TPS	Chandrapur - 7	500	500	Coal	2.85	WCL,SECL						
12	Paras TPS	Paras - 3	250	250	Coal	1.37	WCL	2.5	0.24		2.500	0.000	
13	Paras TPS	Paras - 4	250	250	Coal	1.37	WCL						
14	Parli TPS	Parli - 6	250	250	Coal	1.37	WCL	2.36	0.38		2.360	0.000	
15	Parli TPS	Parli - 7	250	250	Coal	1.37	WCL						
16	Koradi TPS	Koradi - 6	210	210	Coal	1.05	WCL, MCL, SECL	2.19	-0.11	0.340	1.100		
17	Koradi TPS	Koradi - 7	210	210	Coal	1.05	WCL, MCL, SECL						
18	GTPS Uran	GTPS Uran	672	672	Gas	3.5 MMSCMD	GAIL	1.89 MMSCMD	1.6 MMSCMD	No alternate arrangement at prevailing APM price			
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	Hydro								
20	Parli TPS	Parli Replacement U 8	250	250	Coal	1.37	WCL,SECL (Bridge linkage)	1.71	-0.34	1.060	0.000		
21	Chandrapur TPS	Chandrapur - 8	500	500	Coal	2.68	WCL	3.47	1.88	3.470	0.000		
22	Chandrapur TPS	Chandrapur - 9	500	500	Coal	2.68	(Bridge linkage)						
23	Koradi TPS	Koradi R U-8	660	660	Coal	3.32	WCL, SCCL	6.18	3.76	5.200	0.000		
24	Koradi TPS	Koradi 9	660	660	Coal	3.32	(Bridge linkage)						
25	Koradi TPS	Koradi10	660	660	Coal	3.32							
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185	Coal								
27	Dodson	Dodson I	12	12	Hydro								
28	Dodson	Dodson II	34	34	Hydro								
Central Generating Stations													

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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					Fuel available under FSA WCL	Fuel available under FSA MCL
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MMT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel		
1	KSTPS	Unit-I to VI	2100	635	Coal	10.44	SECL					
2	KSTPS III	-	500	120	Coal	2.44	SECL					
3	VSTP I	Unit-I to VI	1260	432	Coal	5.33	NCL					
4	VSTP II	Unit-I, II	1000	336	Coal	4.07	NCL					
5	VSTP III	Unit-I, II	1000	275	Coal	4.04	NCL					
6	VSTP IV	Unit-I, II	1000	294	Coal	3.98	NCL					
7	VSTP V	Unit-I	500	161	Coal	2.01	NCL					
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- I C), UNIT-VI (ST- 2 C)	645	204	Gas		HBJ Pipeline - South Basin Gas field					
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200	Gas		Gandhar Gas field					
10	KhSTPS-II	Unit-I to III	1500	148	Coal	7.59	Rajmahal Coal Fields of ECL.					
11	SIPAT TPS 2	Unit-I, II	1,000	274	Coal	4.79	SECL					
12	SIPAT TPS 1	Unit-I to III	1,980	556	Coal	9.20	SECL					
13	Mauda I	Unit-I, II	1000	394	Coal	4.35	SECL, MCL, WCL					
14	Mauda II	Unit-I, II	1320	531	Coal	5.45						
15	NTPC Solapur 2	-	-		-	-						
16	NTPC Solapur	Unit-I, II	1320	642	Coal	4.94	MCL					
17	Lara	Unit-I, II	1600	231	Coal	7.18						
18	Gadarwara	Unit-I	1600	50	Coal	5.91						
19	Khargone	Unit-I, II	1320	50	Coal	4.92						
20	KAPP		440	152	Nuclear							
21	TAPP 1&2		320	160	Nuclear							
22	TAPP 3&4		1080	393	Nuclear							
Independent Power Producers (IPPs)												
1	JSW Ratnagiri	Unit 1	300	300	Coal	0.95	No FSA	-				
2	CGPL Mundra	Unit 1 to 5 (5 Nos.)	4000	760	Coal	2.14	Indocoal	0.12				
3	APML 125 MW	Unit 1, 4, 5	3300	125	Coal			4.91 MMT				

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						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MMT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel		
4	APML 1320 MW	Unit No. 2 to 3	3300	1320	Coal	12.50	SECL/WCL/MCL	(for 1180 MW) 5.85 MMT (for remaining capacity)				
5	APML 1200 MW	Unit 1, 4, 5	3300	1200	Coal							
6	APML 440 MW	Unit 1, 4, 5	3300	440	Coal							
7	GMR Energy Limited	1&2	600	200	Coal	0.98	SECL	2.6				
8	RIPL 450 MW	1 to 5	1320	450	coal	1.91	SECL	5.49				
9	RIPL 750 MW	1 to 5	1320	750	coal	3.18						
10	Sai Wardha	Unit 1 to 4	540	240	Coal	1.36	M/s. Western Coalfields Limited, Nagpur	0.093		Special Forward E-Auction		

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Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Contracted Capacity (EX-Bus) (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Normative Availability as per PPA	Actual Availability for the Day 1	Actual Availability for the Day 2	Actual Availability for the Day 3	Actual Availability for the Day 4	Actual Availability for the Day 5	Actual Availability for the Day 6	Actual Availability for the Day 7	Actual Availability for the Day 8	Actual Availability for the Day 9
19	Parli TPS	Parli Replacemen	250	250	250	Coal	85%	69.95%	69.95%	69.95%	69.95%	69.95%	69.95%	69.95%	52.46%	69.95%
20	Chandrapur TPS	Chandrapur - 8	500	500	470	Coal	85%	84.20%	90.20%	85.76%	79.69%	80.70%	1.12%	0.00%	0.00%	0.00%
21	Chandrapur TPS	Chandrapur - 9	500	500	470	Coal	85%	88.64%	89.49%	85.94%	79.57%	87.55%	84.47%	89.03%	85.01%	86.62%
22	Koradi TPS	Koradi R U-8	660	660	589	Coal	85%	71.93%	71.84%	76.88%	71.90%	75.11%	68.77%	67.45%	58.82%	59.22%
23	Koradi TPS	Koradi 9	660	660	589	Coal	85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24	Koradi TPS	Koradi10	660	660	589	Coal	85%	69.38%	70.85%	69.83%	66.12%	70.10%	63.00%	65.03%	59.00%	60.88%
25	MSPGCL Under Case IV	MSPGCL Dhariw	0	185	185	Coal										
26	Dodson	Dodson I	12	12		Hydro										
27	Dodson	Dodson II	34	34		Hydro										
Central Generating Stations																
1	KSTPS	Unit-I to VI	2100	635	592.46	Coal	85%	95.05%	94.69%	95.05%	81.74%	72.23%	74.70%	95.05%	94.33%	95.05%
2	KSTPS III	-	500	120	113.67	Coal	85%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%
3	VSTP I	Unit-I to VI	1260	432	395.44	Coal	85%	86.72%	88.08%	87.74%	88.75%	87.08%	74.40%	72.73%	75.10%	63.03%
4	VSTP II	Unit-I, II	1000	336	313.74	Coal	85%	47.74%	47.74%	47.74%	47.74%	47.74%	47.74%	47.74%	47.74%	47.74%
5	VSTP III	Unit-I, II	1000	275	259.25	Coal	85%	96.87%	96.87%	96.87%	96.87%	96.87%	96.87%	96.87%	96.87%	96.87%
6	VSTP IV	Unit-I, II	1000	294	278.03	Coal	85%	97.82%	97.82%	97.82%	97.82%	97.82%	97.82%	97.82%	97.82%	97.82%
7	VSTP V	Unit-I	500	161	150.19	Coal	85%	96.23%	96.23%	96.23%	96.23%	96.23%	96.23%	96.23%	96.23%	96.23%
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-1 C), UNIT-VI (ST-2 C)	645	204	199.27	Gas	85%	99.22%	99.25%	84.86%	74.40%	90.96%	73.93%	96.25%	96.36%	86.63%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-1)	648	200	194.89	Gas	85%	89.19%	97.38%	74.32%	97.33%	89.87%	68.69%	76.89%	81.00%	97.41%
10	KhSTPS-II	Unit-I to III	1500	148	138.8	Coal	85%	93.78%	93.78%	93.78%	93.78%	93.78%	93.78%	93.78%	93.78%	93.78%
11	SIPAT TPS 2	Unit-I, II	1,000	274	258.38	Coal	85%	96.79%	96.79%	96.79%	96.79%	96.79%	94.90%	96.79%	96.79%	96.79%
12	SIPAT TPS 1	Unit-I to III	1,980	556	526.55	Coal	85%	98.11%	96.23%	96.90%	98.11%	98.11%	98.11%	98.11%	98.11%	98.11%
13	Mauda I	Unit-I, II	1000	394	371.78	Coal	85%	81.23%	81.23%	81.23%	81.23%	81.23%	81.23%	81.23%	81.23%	81.23%
14	Mauda II	Unit-I, II	1320	531	501.22	Coal	85%	92.97%	96.71%	96.71%	96.71%	96.71%	96.71%	96.71%	96.71%	96.71%
15	NTPC Solapur 2	-	-			Coal	85%									
16	NTPC Solapur	Unit-I, II	1320	642	609.82	Coal	85%	55.63%	55.63%	55.63%	55.63%	54.11%	50.14%	52.97%	53.43%	55.63%

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Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Contracted Capacity (EX-Bus) (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Normative Availability as per PPA	Actual Availability for the Day 1	Actual Availability for the Day 2	Actual Availability for the Day 3	Actual Availability for the Day 4	Actual Availability for the Day 5	Actual Availability for the Day 6	Actual Availability for the Day 7	Actual Availability for the Day 8	Actual Availability for the Day 9
17	Lara	Unit-I, II	1600	231 (288.74)		Coal	85%	84.40%	88.17%	93.57%	93.57%	93.57%	93.57%	88.44%	46.00%	45.65%
18	Gadarwara	Unit-I	1600	50 (108.37)	43	Coal	85%	38.37%	38.37%	38.37%	38.37%	38.37%	38.37%	38.37%	38.37%	38.37%
19	Khargone	Unit-I, II	1320	50 (98.15)	81.2322	Coal	85%	93.52%	93.52%	93.52%	93.52%	93.52%	93.52%	93.52%	93.52%	93.52%
20	KAPP		440	152		Nuclear		90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%
21	TAPP 1&2		320	160		Nuclear		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	TAPP 3&4		1080	393 (440.84)		Nuclear		90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%
	Total															
IPPs																
1	JSW Ratnagiri	Unit 1	300	300	290	Imported Coal	80%	96.67%	96.67%	96.67%	94.17%	90.00%	94.06%	71.30%	58.83%	69.33%
2	CGPL Mundra	Unit 10 to 50	4000	760	760	Imported Coal	80%	95.75%	90.02%	91.80%	92.26%	94.29%	92.56%	89.29%	91.27%	93.92%
3	APML 125 MW	Unit 1, 4, 5	3300	125	125	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	APML 1320 MW	Unit 1, 4, 5	3300	1200	1200	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	APML 1200 MW	Unit No. 2 to 3	3300	1320	1320	Coal	80%	53.26%	65.54%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
6	APML 440 MW	Unit 1, 4, 5	3300	440	440	Coal	85%	81.82%	82.06%	83.18%	83.18%	82.80%	83.18%	81.39%	80.44%	83.18%
7	GMR Energy Limited	Unit 1 & 2	600	200	200	Coal	85%	50.00%	50.00%	50.00%	51.88%	51.17%	51.04%	50.00%	50.84%	50.00%
8	RIPL 450 MW	Unit 1 to 5	1320	450	1200	Coal	85%	33.20%	35.21%	40.35%	40.83%	45.90%	61.02%	61.25%	53.22%	60.44%
9	RIPL 750 MW	Unit 1 to 6	1320	750		Coal	85%	33.20%	35.21%	40.35%	40.83%	45.90%	61.02%	61.25%	53.22%	60.44%
10	Sai Wardha	Unit 1 to 4	540	240	240	Coal	85%	56.25%	55.10%	55.36%	54.58%	54.58%	54.58%	50.01%	55.00%	55.83%

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S. No.	Name of Station	Name of Unit	Actual Availability for the Day 10	Actual Availability for the Day 11	Actual Availability for the Day 12	Actual Availability for the Day 13	Actual Availability for the Day 14	Actual Availability for the Day 15	Actual Availability for the Day 16	Actual Availability for the Day 17	Actual Availability for the Day 18	Actual Availability for the Day 19	Actual Availability for the Day 20	Actual Availability for the Day 21	Actual Availability for the Day 22	Actual Availability for the Day 23	Actual Availability for the Day 24
17	Lara	Unit-I, II	45.97%	44.86%	42.84%	46.78%	28.33%	42.46%	46.78%	46.52%	46.78%	88.14%	93.57%	93.57%	93.57%	82.37%	46.00%
18	Gadarwara	Unit-I	38.37%	38.37%	19.99%	19.19%	19.19%	29.04%	93.49%	93.49%	93.49%	93.49%	93.49%	93.49%	70.18%	90.66%	93.49%
19	Khargone	Unit-I, II	93.52%	92.29%	86.91%	86.91%	86.91%	84.37%	95.79%	95.79%	95.79%	95.79%	95.79%	95.79%	95.93%	98.05%	98.05%
20	KAPP		90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	91.51%
21	TAPP 1&2		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	TAPP 3&4		90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%
	Total																
IPPs																	
1	JSW Ratnagiri	Unit 1	69.80%	72.54%	72.12%	76.67%	76.67%	76.67%	77.64%	82.43%	96.51%	96.67%	96.67%	95.54%	96.67%	96.67%	96.67%
2	CGPL Mundra	Unit 10 to 50	96.07%	98.68%	93.48%	72.94%	36.96%	37.06%	37.75%	31.29%	42.49%	29.41%	34.78%	34.06%	32.98%	45.30%	44.85%
3	APML 125 MW	Unit 1, 4, 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	APML 1320 MW	Unit 1, 4, 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	APML 1200 MW	Unit No. 2 to 3	99.95%	99.57%	100.00%	100.00%	99.87%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
6	APML 440 MW	Unit 1, 4, 5	77.50%	72.14%	83.18%	83.18%	65.66%	83.18%	83.18%	83.18%	83.18%	83.18%	83.18%	83.18%	83.18%	83.18%	83.18%
7	GMR Energy Limited	Unit 1 & 2	52.67%	54.00%	54.00%	54.00%	63.88%	98.25%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
8	RIPL 450 MW	Unit 1 to 5	60.76%	59.14%	56.89%	59.47%	60.25%	56.53%	60.31%	60.27%	51.33%	61.07%	61.25%	61.25%	60.48%	61.25%	61.06%
9	RIPL 750 MW	Unit 1 to 6	60.76%	59.14%	56.89%	59.47%	60.25%	56.53%	60.31%	60.27%	51.33%	61.07%	61.25%	61.25%	60.48%	61.25%	61.06%
10	Sai Wardha	Unit 1 to 4	55.63%	51.85%	51.08%	53.10%	26.58%	16.44%	23.82%	24.24%	24.17%	24.17%	39.51%	51.67%	51.67%	51.67%	57.03%

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form 2: Station wise normative Vs actual Availab

S. No.	Name of Station	Name of Unit	Actual Availability for the Day 25	Actual Availability for the Day 26	Actual Availability for the Day 27	Actual Availability for the Day 28	Actual Availability for the Day 29	Actual Availability for the Day 30	Actual Average Availability for the month (%)	Actual Average Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
19	Parli TPS	Parli Replacemen	69.95%	49.54%	69.95%	69.95%	61.20%	69.95%	67.71%		Unit under FORCED Outage from 09-09-2022@18.07.00Hrs to 10-09-2022@05.40.00Hrs	
20	Chandrapur TPS	Chandrapur - 8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.06%		COH	
21	Chandrapur TPS	Chandrapur - 9	85.86%	90.36%	88.25%	92.52%	89.77%	86.98%	88.03%		Wet Coal Problem	
22	Koradi TPS	Koradi R U-8	46.48%	60.18%	65.84%	63.73%	63.53%	66.62%	63.01%		Unit 8: Outage due to Turbine side HRH Valve Leakage, Wet Coal Problem, CHP Problem.	
23	Koradi TPS	Koradi 9	46.54%	58.53%	62.53%	64.06%	57.94%	59.79%	18.62%		Unit 9: Unit under outage continue for AOH from 11.08.2022 to 21.09.22.	
24	Koradi TPS	Koradi10	47.10%	57.51%	61.13%	65.79%	63.13%	66.14%	62.95%		Unit 10: Due to Poor Coal Quality, HP Heater Problem, Wet Coal Problem, CHP Problem.	
25	MSPGCL Under Case IV	MSPGCL Dhariw										
26	Dodson	Dodson I										
27	Dodson	Dodson II										
Central Generating Stations									Maharashtra's share	Plant Availability as per REA		
1	KSTPS	Unit-I to VI	95.05%	73.66%	72.23%	93.56%	95.05%	95.05%	91.14%	99.08%		
2	KSTPS III	-	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	104.10%		
3	VSTP I	Unit-I to VI	88.51%	89.41%	89.40%	87.80%	87.18%	87.52%	81.31%	86.93%		
4	VSTP II	Unit-I, II	47.74%	47.74%	47.74%	47.74%	45.75%	43.16%	47.48%	51.77%	Unit 7 under FORCED Outage from 29-09-2022@21:39Hrs to 30-09-2022@00:35Hrs Unit 8 under Planned Outage from 21-08-2022@00:09Hrs	
5	VSTP III	Unit-I, II	96.87%	96.87%	96.87%	96.87%	96.87%	96.87%	96.83%	102.99%		
6	VSTP IV	Unit-I, II	97.82%	97.82%	97.82%	97.82%	97.82%	97.82%	97.82%	103.04%		
7	VSTP V	Unit-I	96.23%	96.23%	96.23%	96.23%	96.23%	96.23%	96.23%	103.07%		
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-1 C), UNIT-VI (ST-2 C)	98.81%	98.54%	96.17%	98.36%	97.93%	98.36%	92.35%	94.85%		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-1)	97.40%	97.40%	95.40%	97.43%	97.35%	97.48%	92.57%	95.03%		
10	KhSTPS-II	Unit-I to III	93.78%	93.78%	93.78%	93.78%	93.78%	93.78%	93.41%	104.33%		
11	SIPAT TPS 2	Unit-I, II	96.79%	96.79%	96.79%	96.79%	96.79%	96.79%	96.73%	104.41%		
12	SIPAT TPS 1	Unit-I to III	98.11%	98.11%	98.11%	98.11%	98.11%	98.11%	98.01%	104.34%		
13	Mauda I	Unit-I, II	96.73%	96.73%	96.73%	81.23%	81.23%	81.23%	87.43%	103.89%		
14	Mauda II	Unit-I, II	96.71%	96.71%	96.71%	96.71%	96.71%	96.71%	95.93%	102.04%		
15	NTPC Solapur 2	-										
16	NTPC Solapur	Unit-I, II	96.96%	96.96%	96.96%	55.63%	54.15%	27.81%	70.79%	100.18%		

Maharashtra State Electricity Distribution Co. Ltd.
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S. No.	Name of Station	Name of Unit	Actual Availability for the Day 25	Actual Availability for the Day 26	Actual Availability for the Day 27	Actual Availability for the Day 28	Actual Availability for the Day 29	Actual Availability for the Day 30	Actual Average Availability for the month (%)	Actual Average Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
17	Lara	Unit-I, II	50.31%	92.98%	93.57%	93.57%	93.57%	93.11%	71.09%	78.93%	Unit 1 under FORCED Outage from 14-09-2022@05:33Hrs to 14-09-2022@12:49Hrs & Unit under FORCED Outage from 23-09-2022@16:54Hrs to 25-09-2022@17:08Hrs Unit 2 under Planned Outage from 08-09-2022@00:35Hrs to 17-09-2022@21:01Hrs & Unit under FORCED Outage from 17-09-2022@21:48Hrs to 18-09-2022@22:11Hrs	
18	Gadarwara	Unit-I	93.49%	93.97%	93.68%	38.37%	38.37%	38.37%	57.37%	97.73%		
19	Khargone	Unit-I, II	98.05%	98.05%	98.05%	96.97%	95.79%	95.79%	94.07%	103.12%		
20	KAPP		90.38%	90.38%	90.38%	90.38%	90.38%	90.38%	90.42%			
21	TAPP 1&2		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
22	TAPP 3&4		90.92%	90.92%	90.92%	90.92%	90.92%	90.92%	90.92%			
	Total											
IPPs												
1	JSW Ratnagiri	Unit 1	96.67%	96.67%	96.67%	96.67%	96.67%	96.67%	87.59%		Unit under FORCED Outage from 07-09-2022@21.17.00Hrs to 08-09-2022@00.37.00Hrs	
2	CGPL Mundra	Unit 10 to 50	43.57%	41.30%	61.38%	54.42%	59.41%	68.20%	64.25%		Unit 20 under RSD Outage from 22-05-2022@03:38Hrs Unit 30 under RSD Outage from 22-07-2022@0Hrs Unit 40 under RSD Outage from 26-05-2022@00:01Hrs Unit 50 under FORCED Outage from 12-09-2022@22:53Hrs to 30-09-2022@0Hrs	
3	APML 125 MW	Unit 1, 4, 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
5	APML 1320 MW	Unit 1, 4, 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
4	APML 1200 MW	Unit No. 2 to 3	90.96%	100.00%	100.00%	100.00%	100.00%	100.00%	96.97%			
6	APML 440 MW	Unit 1, 4, 5	82.34%	83.18%	83.18%	83.18%	83.18%	82.40%	81.74%			
7	GMR Energy Limited	Unit 1 & 2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	77.72%		Unit 2 under Planned Outage from 05-08-2022@23:53Hrs to 14-09-2022@05:41Hrs & Unit under FORCED Outage from 14-09-2022@06:11Hrs to 14-09-2022@14:48Hrs	
8	RIPL 450 MW	Unit 1 to 5	61.25%	63.04%	81.67%	81.67%	81.67%	79.79%	59.06%		Coal shortage	
9	RIPL 750 MW	Unit 1 to 6	61.25%	63.04%	81.67%	81.67%	81.67%	79.79%	59.06%			
10	Sai Wardha	Unit 1 to 4	76.12%	77.11%	77.92%	78.72%	81.67%	77.61%	52.10%		Coal shortage	

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form 3: Station wise fuel availability for the month

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel Required for normative generation (MT)	Fuel made available by fuel supplier (MT)	Actual Availability of fuel at plant (MT)	Reasons for lower Availability	Efforts taken to improve Availability
State Generating Stations									
1	Bhusawal TPS	Bhusawal - 3	210	210	1,03,575	78,390	1,30,301		
2	Bhusawal TPS	Bhusawal - 4	500	500	2,23,286				
3	Bhusawal TPS	Bhusawal - 5	500	500	2,23,286	3,47,877	5,16,681		
4	Khaparkhedda TPS	Khaparkhedda - 1 to 4	840	840	4,15,397	2,99,524	3,73,707		
5	Khaparkhedda TPS	Khaparkhedda - 5	500	500	2,23,286	2,26,490	2,31,914		
6	Nashik TPS	Nashik- 3,4 & 5	630	420	3,07,046	1,82,909	2,46,748		
7	Chandrapur TPS	Chandrapur - 3	210	210	99,896				
8	Chandrapur TPS	Chandrapur - 4	210	210	99,896				
9	Chandrapur TPS	Chandrapur - 5	500	500	2,37,847	6,12,433	8,32,606		
10	Chandrapur TPS	Chandrapur - 6	500	500	2,37,847				
11	Chandrapur TPS	Chandrapur - 7	500	500	2,37,847				
12	Paras TPS	Paras - 3	250	250	1,14,228				
13	Paras TPS	Paras - 4	250	250	1,14,228	2,07,058	2,55,388		
14	Parli TPS	Parli - 6	250	250	1,14,228				
15	Parli TPS	Parli - 7	250	250	1,14,228	2,47,581	2,54,555		
16	Koradi TPS	Koradi - 6	210	210	87,699	59,867	1,08,801		
17	GTPS Uran	GTPS Uran	672	672	-	70,86,990	70,86,990		
18	MSPGCL Hydro	Hydro (Ghatghar)	2585	2,585	-	-	-		
19	Parli TPS	Parli Replacement U 8	250	250	1,14,228	96,275	1,21,536		
20	Chandrapur TPS	Chandrapur - 8	500	500	2,23,286				
21	Chandrapur TPS	Chandrapur - 9	500	500	2,23,286	3,11,831	4,22,776		
22	Koradi TPS	Koradi R U-8	660	660	2,76,743				
23	Koradi TPS	Koradi 9	660	660	2,76,743	5,32,075	7,32,690		
24	Koradi TPS	Koradi10	660	660	2,76,743				
25	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185					
26	Dodson	Dodson I	12	12					
27	Dodson	Dodson II	34	34					
Central Generating Stations									
1	KSTPS	Unit-I to VI	2100	635	9,19,632				
2	KSTPS III	-	500	120	2,14,638	10,25,464	15,59,043		
3	VSTP I	Unit-I to VI	1260	432	5,55,903				
4	VSTP II	Unit-I, II	1000	336	4,24,827				
5	VSTP III	Unit-I, II	1000	275	4,21,201	18,51,783	25,34,063		
6	VSTP IV	Unit-I, II	1000	294	4,15,710				
7	VSTP V	Unit-I	500	161	2,10,096				
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-1 C), UNIT-VI (ST-2 C)	645	204					
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-I)	648	200					
10	KhSTPS-II	Unit-I to III	1500	148	6,14,829	7,48,905	12,39,755		
11	SIPAT TPS 2	Unit-I, II	1,000	274	4,64,023				
12	SIPAT TPS 1	Unit-I to III	1,980	556	8,97,518	13,61,415	14,78,705		
13	Mauda I	Unit-I, II	1000	394	4,76,235				
14	Mauda II	Unit-I, II	1320	531	5,86,928	8,49,750	10,45,583		
15	NTPC Solapur 2	-	-	-	-				
16	NTPC Solapur	Unit-I, II	1320	642	5,84,350	3,19,715	5,28,226		
17	Lara	Unit-I, II	1600	231	7,50,381	6,57,030	7,74,582		
18	Gadarwara	Unit-I	1600	50	6,52,176	4,48,900	7,38,535		
19	Khargone	Unit-I, II	1320	50	5,62,156	1,87,402	6,62,985		
20	KAPP		440	152					
21	TAPP 1&2		320	160					
22	TAPP 3&4		1080	393					
IPPs									
1	JSW Ratnagiri	Unit 1	300	300	77,682	2,68,935	18,21,497		
2	CGPL Mundra	Unit 10 to 50	4000	760	1,76,086	-	6,75,421		
3	APML 125 MW	Unit 1, 4, 5	3300	125					
4	APML 1320 MW	Unit No. 2 to 3	3300	1320					
5	APML 1200 MW	Unit 1, 4, 5	3300	1200	10,26,993	12,68,863	14,68,891		
6	APML 440 MW	Unit 1, 4, 5	3300	440					
7	GMR Energy Limited	Unit 1&2	600	200	2,54,687	1,88,814	2,43,639		
8	RIPL 450 MW	Unit 1 to 5	1320	450	1,56,788				
9	RIPL 750 MW	Unit 1 to 6	1320	750	2,61,313	4,10,809	4,29,061		
10	Sai Wardha	Unit 1 to 4	540	240	1,27,839	1,28,744	1,62,069		

Sr. No.	Name of Generating Station	Name of Units	Fuel Requirement of Each Unit/Station (MT, MCM)	Actual Fuel Availability of Each Unit/Station (MT, MCM)	Per Unit variable cost of Generation of Unit	Plant Load Factor for the month	Whether option of Swapping of Fuel Source / tolling of fuel has been used for Optimizing Cost	In Case PLF of least cost generator is lower than costly generator, reasons for the same
			Fuel type	Fuel type	Rs/kWh	%		
State Generating Stations								
1	Bhusawal TPS	Bhusawal - 3	103575	130301	6.100	41.30%		
2	Bhusawal TPS	Bhusawal - 4	223286	516681	4.215	47.86%		
3	Bhusawal TPS	Bhusawal - 5	223286					
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	415397	373707	4.701	52.39%		
5	Khaparkhedha TPS	Khaparkhedha - 5	223286	231914	4.336	67.42%		
6	Nashik TPS	Nashik- 3,4 & 5	307046	246748	5.513	40.38%		
7	Chandrapur TPS	Chandrapur - 3	99896	832606	5.173	48.01%		
8	Chandrapur TPS	Chandrapur - 4	99896					
9	Chandrapur TPS	Chandrapur - 5	237847					
10	Chandrapur TPS	Chandrapur - 6	237847					
11	Chandrapur TPS	Chandrapur - 7	237847					
12	Paras TPS	Paras - 3	114228	255388	3.118	60.54%		
13	Paras TPS	Paras - 4	114228					
14	Parli TPS	Parli - 6	114228	254555	5.358	65.20%		
15	Parli TPS	Parli - 7	114228					
16	Koradi TPS	Koradi - 6	87699	108801	3.157	26.08%		
17	GTPS Uran	GTPS Uran	-	7086990	4.697	23.58%		
18	MSPGCL Hydro	Hydro (Ghatghar)	-	-				
19	Parli TPS	Parli Replacement U 8	114228	121536	5.294	57.37%		
20	Chandrapur TPS	Chandrapur - 8	223286	422776	4.485	45.82%		
21	Chandrapur TPS	Chandrapur - 9	223286					
22	Koradi TPS	Koradi R U-8	276743	732690	3.514	46.89%		
23	Koradi TPS	Koradi 9	276743					
24	Koradi TPS	Koradi10	276743					
25	MSPGCL Under Case IV	MSPGCL Dhariwal						
26	Dodson	Dodson I						
27	Dodson	Dodson II						
Central Generating Stations								
1	KSTPS	Unit-I to VI	919632	1559043	1.471	93.62%		
2	KSTPS III	-	214638		1.440	98.90%		
3	VSTP I	Unit-I to VI	555903	2534063	1.626	84.09%		
4	VSTP II	Unit-I, II	424827		1.566	48.94%		
5	VSTP III	Unit-I, II	421201		1.553	98.76%		
6	VSTP IV	Unit-I, II	415710		1.533	98.94%		
7	VSTP V	Unit-I	210096		1.578	98.20%		
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-I C), UNIT-VI (ST-2 C)		0	APM : 0 N-APM : 19.069 RLNG : 12.715	0.08%		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-I)		0	APM: 0 RLNG: 12.549 N-APM: 18.946	0.25%		
10	KhSTPS-II	Unit-I to III	614829	1239755	3.810	81.06%		
11	SIPAT TPS 2	Unit-I, II	464023	1478705	3.229	88.48%		
12	SIPAT TPS 1	Unit-I to III	897518		2.987	93.90%		
13	Mauda I	Unit-I, II	476235	1045583	5.042	86.98%		
14	Mauda II	Unit-I, II	586928		5.161	81.44%		
15	NTPC Solapur 2	-	-			0.00%		
16	NTPC Solapur	Unit-I, II	584350	528226	5.563	44.24%		
17	Lara	Unit-I, II	750381	774582	3.784	71.39%		
18	Gadarwara	Unit-I	652176	738535	4.638	63.62%		
19	Khargone	Unit-I, II	562156	662985	5.565	43.58%		
20	KAPP				2.2595			
21	TAPP 1&2				2.3689			
22	TAPP 3&4				3.4024			
IPPs								
1	JSW Ratnagiri	Unit 1	77682	18,21,497	5.0248	66.20%		
2	CGPL Mundra	Unit 10 to 50	176086	6,75,421	4.6977	32.62%		
3	APML 125 MW	Unit 1, 4, 5	1026993	14,68,891	4.8264	41.51%		
4	APML 1320 MW	Unit No. 2 to 3			4.0673	93.56%		
5	APML 1200 MW	Unit 1, 4, 5			4.8264	89.03%		
6	APML 440 MW	Unit 1, 4, 5			4.8864	24.60%		
7	GMR Energy Limited	Unit 1 & 2			254687	2,43,639	2.4480	75.05%
8	RIPL 450 MW	Unit 1 to 5	156788	4,29,061	3.1782	56.27%		
9	RIPL 750 MW	Unit 1 to 6	261313			56.27%		
10	Sai Wardha	Unit 1 to 4	127839	1,62,069	3.3003	51.59%		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form 5: MoD Operations of the Contracted Source

S. No.	Name of Station	Name of Unit	Actual Net Generation for the Day 27	Actual Net Generation for the Day 28	Actual Net Generation for the Day 29	Actual Net Generation for the Day 30	Actual Net Generation for the month (MU)	Reasons for lower generation	In Case generation from least cost generator is not fully utilised before scheduling power from costly generator, reasons for the same		
State Generating Stations											
1	Bhusawal TPS	Bhusawal - 3	-0.10	-0.07	-0.08	2.05	55.60				
2	Bhusawal TPS	Bhusawal - 4	7.46	6.27	6.55	6.77	323.90				
3	Bhusawal TPS	Bhusawal - 5	7.91	7.61	7.97	8.11					
4	Khaparkhedha TPS	Khaparkhedha - 1	2.65	2.55	2.49	2.58	286.09				
		Khaparkhedha - 2	2.42	2.13	2.06	2.52					
		Khaparkhedha - 3	3.21	3.09	3.20	2.93					
		Khaparkhedha - 4	3.15	3.08	2.92	2.89					
5	Khaparkhedha TPS	Khaparkhedha - 5	7.68	8.10	7.91	8.41	232.58				
6	Nashik TPS	Nashik - 3	-0.01	-0.02	1.61	2.67	162.50		<p>MOD Violation on</p> <p>(1) 4.09.2022: Nashik generation is picked up from TB-43 due to tripping of 220 KV Nashik-Babhleshwar line. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(2) 6.09.2022: Nashik generation is picked up from TB-44 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(3) 7.09.2022: Nashik generation is picked up from TB-39 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(4) 8.09.2022: Nashik generation is picked up from TB-59 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(5) 14.09.2022: Nashik generation is picked up from TB-43 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(6) 24.09.2022: Nashik generation is picked up from TB-66 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(7) 28.09.2022: Nashik generation is picked up from TB-39 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p> <p>(8) 30.09.2022: Nashik generation is picked up from TB-39 to control 220 KV Nashik-Babhleshwar line loading. However, other cheaper generations than Nashik viz, APML was backdown as per MSEDCL demand requirements.</p>		
		Nashik - 4	2.29	2.59	2.55	2.54					
		Nashik - 5	2.50	2.54	2.06	-0.09					
7	Chandrapur TPS	Chandrapur - 3	2.89	2.87	2.96	2.74	611.99				
8	Chandrapur TPS	Chandrapur - 4	2.76	2.86	2.67	2.57					
9	Chandrapur TPS	Chandrapur - 5	4.21	3.31	4.92	6.19					
10	Chandrapur TPS	Chandrapur - 6	6.28	6.81	7.21	6.90					
11	Chandrapur TPS	Chandrapur - 7	6.41	3.31	2.50	7.01					
12	Paras TPS	Paras - 3	4.74	4.66	4.44	4.42	197.68				
13	Paras TPS	Paras - 4	-0.07	-0.08	-0.09	0.03					
14	Parli TPS	Parli - 6	4.07	4.46	4.27	4.10	209.50				
15	Parli TPS	Parli - 7	3.46	3.59	3.91	4.22					
16	Koradi TPS	Koradi - 6	-0.05	-0.05	-0.05	-0.19	35.88				
17	GTPS Uran	GTPS Uran	2.08	2.03	1.96	1.95	25.79				
18	MSPGCL Hydro	Hydro (Ghatghar)					216.11				
19	Parli TPS	Parli Replacement U 8	2.78	2.52	2.86	3.00	96.52				
20	Chandrapur TPS	Chandrapur - 8	-0.01	-0.01	-0.01	-0.01	310.12				
21	Chandrapur TPS	Chandrapur - 9	8.15	9.35	8.64	8.51					
22	Koradi TPS	Koradi R U-8	9.63	9.40	9.30	9.76	628.10				
23	Koradi TPS	Koradi 9	9.23	9.51	8.26	8.68					
24	Koradi TPS	Koradi10	9.08	9.79	9.31	9.58					
25	MSPGCL Under Case IV	MSPGCL Dhariwal					111.48				
26	Dodson	Dodson I									
27	Dodson	Dodson II									
Central Generating Stations											
1	KSTPS	Unit-I to VI					404.88				
2	KSTPS III	-					84.14				
3	VSTP I	Unit-I to VI					247.60				
4	VSTP II	Unit-I, II					113.17				
5	VSTP III	Unit-I, II					189.25				

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Normative Availability as per PPA	Variable Rate as per MoD stake approved by SLDC	Period for running at Technical Minimum During the month		Period for Zero Schedule During the month		Justification for running the plant on Technical Minimum/ Zero Schedule
							From	To	From	To	
State Generating Stations											
1	Bhusawal TPS	Bhusawal - 3	210	210	80%	5.4670	NA	NA	12.09.22	17.09.22	Less demand and Market power available at cheaper rate.
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	3.9300	NA	NA	NA	NA	
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	3.9300	NA	NA	NA	NA	
4	Khaparkhedda TPS	Khaparkhedda - 1 to 4	840	840	85%	4.2180	NA	NA	NA	NA	
5	Khaparkhedda TPS	Khaparkhedda - 5	500	500	85%	4.1580	NA	NA	NA	NA	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	5.0140	NA	NA	NA	NA	
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	4.1310	NA	NA	NA	NA	
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	4.1310	NA	NA	NA	NA	
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	4.1310	NA	NA	NA	NA	
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	4.1310	NA	NA	NA	NA	
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	4.1310	NA	NA	NA	NA	
12	Paras TPS	Paras - 3	250	250	85%	3.1880	NA	NA	NA	NA	
13	Paras TPS	Paras - 4	250	250	85%	3.1880	NA	NA	NA	NA	
14	Parli TPS	Parli - 6	250	250	85%	4.3590	NA	NA	NA	NA	
15	Parli TPS	Parli - 7	250	250	85%	4.3590	NA	NA	NA	NA	
16	Koradi TPS	Koradi - 6	210	210	72%	2.8370	NA	NA	NA	NA	
17	GTPS Uran	GTPS Uran	672	672	85%	4.6020	NA	NA	NA	NA	
18	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%	0.0000	NA	NA	NA	NA	
19	Parli TPS	Parli Replacement U 8	250	250	85%	4.2720	NA	NA	NA	NA	
20	Chandrapur TPS	Chandrapur - 8	500	500	85%	3.7540	NA	NA	NA	NA	
21	Chandrapur TPS	Chandrapur - 9	500	500	85%	3.7540	NA	NA	NA	NA	
22	Koradi TPS	Koradi R U-8	660	660	85%	3.3900	NA	NA	NA	NA	
23	Koradi TPS	Koradi 9	660	660	85%	3.3900	NA	NA	NA	NA	
24	Koradi TPS	Koradi10	660	660	85%	3.3900	NA	NA	NA	NA	
25	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		0.0000					
26	Dodson	Dodson I	12	12							
27	Dodson	Dodson II	34	34							
Central Generating Stations											
1	KSTPS	Unit-I to VI	2100	635	85%	1.9767	NA	NA	NA	NA	
2	KSTPS III	-	500	120	85%	1.6013	NA	NA	NA	NA	
3	VSTP I	Unit-I to VI	1260	432	85%	1.7345	NA	NA	NA	NA	
4	VSTP II	Unit-I, II	1000	336	85%	1.6486	NA	NA	NA	NA	
5	VSTP III	Unit-I, II	1000	275	85%	1.6256	NA	NA	NA	NA	
6	VSTP IV	Unit-I, II	1000	294	85%	1.6057	NA	NA	NA	NA	
7	VSTP V	Unit-I	500	161	85%	1.6637	NA	NA	NA	NA	
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-1 C), UNIT-VI (ST-2 C)	645	204		APM: 1.5734 NAPM: 25.6689 RLNG: 13.5046	NA	NA	01.09.22	30.09.22	Schedule from other beneficiaries less than Tech. Minimum
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-1)	648	200		APM: 1.6521 NAPM: 25.4358 RLNG: 13.3212	NA	NA	01.09.22	30.09.22	Schedule from other beneficiaries less than Tech. Minimum
10	KhSTPS-II	Unit-I to III	1500	148	85%	3.9236	NA	NA	NA	NA	
11	SIPAT TPS 2	Unit-I, II	1,000	274	85%	3.2356	NA	NA	NA	NA	
12	SIPAT TPS 1	Unit-I to III	1,980	556	85%	2.9133	NA	NA	NA	NA	
13	Mauda I	Unit-I, II	1000	394	85%	4.7014	NA	NA	NA	NA	
14	Mauda II	Unit-I, II	1320	531	85%	5.0743	NA	NA	NA	NA	
15	NTPC Solapur 2	-	-	-	85%	0.0000	NA	NA	NA	NA	
16	NTPC Solapur	Unit-I, II	1320	642	85%	5.3882	NA	NA	U#1: (1) 17.09.22 (2) 24.09.22 U#2: 13.09.22	U#1: (1) 19.09.22 (2) 26.09.22 U#2: 30.09.22	Less demand and Market power available at cheaper rate.
17	Lara	Unit-I, II	1600	228	85%	3.4514	NA	NA			
18	Gadarwara	Unit-I, II	1600	50	85%	5.1217	NA	NA	U#2: 24.09.22	U#2: 26.09.22	Schedule from other beneficiaries less than Tech. Minimum
19	Khargone	Unit-I, II	1320	50	85%	6.0773	NA	NA	U#1: 22.09.22 U#2: 15.09.22	U#1: 28.09.22 U#2: 30.09.22	Less demand and Market power available at cheaper rate.
20	KAPP		440	152							
21	TAPP 1&2		320	160							
22	TAPP 3&4		1080	393							
IPP											
1	JSW Ratnagiri	Unit 1	300	300	80%	5.0200	NA	NA	NA	NA	
2	CGPL Mundra	Unit 1 to 5	4000	760	80%	4.8578	NA	NA	U#2, 3 & 4: 01.09.22	U#2, 3 & 4: 30.09.22	Less demand and Market power available at cheaper rate.
3	APML 125 MW	Unit 1, 4, 5	3300	125	85%	4.5821	NA	NA	NA	NA	
4	APML 1320 MW	Unit No. 2 to 3	3300	1320	80%	4.5821	NA	NA	NA	NA	

Maharashtra State Electricity Distribution Co. Ltd.

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Form 7: Generator wise Schedule Vs Actual Energy

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Normative Availability as per PPA	Fuel (Coal/ Gas/ Hydro/ Wind / Solar)	Variable Rate as per MoD stake approved by SLDC (01-09-22 to 4-09-22)	Scheduled Energy Generation from 01-09-22 to 4-09-22 (Mus)	Variable Rate as per MoD stake approved by SLDC (5-09-22 to 12-09-22)	Scheduled Energy Generation from 5-09-22 to 12-09-22 (Mus)
State Generating Stations										
1	Bhusawal TPS	Bhusawal - 3	210	210	80%	Coal	5.47	10.32	5.47	19.66
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	Coal	3.93	33.40	3.93	69.36
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	Coal	3.93	0.00	3.93	0.09
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	Coal	4.22	45.52	4.22	84.88
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	Coal	4.16	32.76	4.16	61.46
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	Coal	5.01	20.48	5.01	46.59
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	Coal	4.13	12.44	4.13	16.65
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	Coal	4.13	12.33	4.13	21.68
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	Coal	4.13	0.51	4.13	45.00
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	Coal	4.13	29.21	4.13	52.70
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	Coal	4.13	26.21	4.13	49.49
12	Paras TPS	Paras - 3	250	250	85%	Coal	3.19	16.45	3.19	32.58
13	Paras TPS	Paras - 4	250	250	85%	Coal	3.19	15.79	3.19	32.63
14	Parli TPS	Parli - 6	250	250	85%	Coal	4.36	15.17	4.36	30.04
15	Parli TPS	Parli - 7	250	250	85%	Coal	4.36	15.15	4.36	17.18
16	Koradi TPS	Koradi - 6	210	210	72%	Coal	2.84	12.66	2.84	19.79
17	GTPS Uran	GTPS Uran	672	672	85%	Gas	4.60	16.08	4.60	21.42
18	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%	Hydro		0.00		0.00
19	Parli TPS	Parli Replacement U 8	250	250	85%	Coal	4.27	14.50	4.27	26.70
20	Chandrapur TPS	Chandrapur - 8	500	500	85%	Coal	3.75	37.43	3.75	8.63
21	Chandrapur TPS	Chandrapur - 9	500	500	85%	Coal	3.75	37.47	3.75	74.22
22	Koradi TPS	Koradi R U-8	660	660	85%	Coal	3.39	42.96	3.39	75.48
23	Koradi TPS	Koradi 9	660	660	85%	Coal	3.39	0.00	3.39	0.00
24	Koradi TPS	Koradi10	660	660	85%	Coal	3.39	40.73	3.39	74.11
25	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		Coal				
26	Dodson	Dodson I	12	12		Hydro				
27	Dodson	Dodson II	34	34		Hydro				
Central Generating Stations										
1	KSTPS	Unit-I to VI	2100	635	85%	Coal	1.98	55.86	1.98	107.51
2	KSTPS III	-	500	120	85%	Coal	1.60	11.37	1.60	22.74
3	VSTP I	Unit-I to VI	1260	432	85%	Coal	1.73	36.42	1.73	55.93
4	VSTP II	Unit-I, II	1000	336	85%	Coal	1.65	15.40	1.65	30.80
5	VSTP III	Unit-I, II	1000	275	85%	Coal	1.63	25.57	1.63	51.15
6	VSTP IV	Unit-I, II	1000	294	85%	Coal	1.61	27.61	1.61	55.22
7	VSTP V	Unit-I	500	161	85%	Coal	1.66	14.87	1.66	29.75
		UNIT-I (GT-I A),	645	204		APM	1.57	0.00	1.57	0.00

Maharashtra State Electricity Distribution Co. Ltd.

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Form 7: Generator wise Schedule Vs Actual Energy

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Normative Availability as per PPA	Fuel (Coal/ Gas/ Hydro/ Wind / Solar)	Variable Rate as per MoD stake approved by SLDC (01-09-22 to 4-09-22)	Scheduled Energy Generation from 01-09-22 to 4-09-22 (Mus)	Variable Rate as per MoD stake approved by SLDC (5-09-22 to 12-09-22)	Scheduled Energy Generation from 5-09-22 to 12-09-22 (Mus)
8	Kawas	UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- 1 C), UNIT-VI (ST- 2 C)				NAPM	25.67	0.00	25.67	0.00
						RLNG	13.50	0.04	13.50	0.00
						Lq	18.32	0.11	18.32	0.00
						RLNG-C		0.00		0.00
9	Gandhar	UNIT-I (GT-I), UNIT- II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		APM	1.65	0.00	1.65	0.00
						NAPM	25.44	0.00	25.44	0.00
						RLNG	13.32	0.29	13.32	0.00
						RLNG-C		0.00		0.00
10	KhSTPS-II	Unit-I to III	1500	148	85%	Coal	3.92	12.86	3.92	25.09
11	SIPAT TPS 2	Unit-I, II	1,000	274	85%	Coal	3.24	25.16	3.24	49.56
12	SIPAT TPS 1	Unit-I to III	1,980	556	85%	Coal	2.91	51.95	2.91	104.12
13	Mauda I	Unit-I, II	1000	394	85%	Coal	4.70	31.69	4.70	59.86
14	Mauda II	Unit-I, II	1320	531	85%	Coal	5.07	40.66	5.07	74.74
15	NTPC Solapur 2	-	-		85%	Coal		0.00		0.00
16	NTPC Solapur	Unit-I, II	1320	642	85%	Coal	5.39	52.17	5.39	98.56
17	Lara	Unit-I, II	1600	228	85%	Coal	3.45	24.62	3.45	33.75
18	Gadarwara	Unit-I	1600	50	85%	Coal	5.12	8.00	5.12	13.38
19	Khargone	Unit-I, II	1320	50	85%	Coal	6.08	6.86	6.08	11.17
20	KAPP		440	152		Nuclear		13.19		26.38
21	TAPP 1&2		320	160		Nuclear		0.00		0.00
22	TAPP 3&4		1080	393		Nuclear		38.48		76.95
IPPs										
1	JSW Ratnagiri	Unit 1	300	300	80%	Coal	5.66	21.92	5.06	35.45
2	CGPL Mundra	Unit 10 to 50 (5 Nos.)	4000	760	80%	Coal	5.46	43.95	4.90	84.89
3	APML 125 MW	Unit 1, 4, 5	3300	125	85%	Coal	4.58	11.31	4.58	22.32
5	APML 1320 MW	Unit 1, 4, 5	3300	1200	85%	Coal	4.58	108.58	4.58	214.24
4	APML 1200 MW	Unit No. 2 to 3	3300	1320	80%	Coal	2.95	93.02	2.95	233.09
6	APML 440 MW	Unit 1, 4, 5	3300	440	85%	Coal	4.64	23.74	4.64	45.49
7	GMR Energy Limited	1	300	200	85%	Coal	2.54	9.69	2.54	19.81
8	RIPL 450 MW	1 to 5	1320	450	85%	coal	2.92	42.87	2.92	130.89
9	RIPL 750 MW	1 to 5	1320	750	85%	coal				
10	Sai Wardha					coal	3.04	12.75	3.04	24.68
	Total		20440	5545						

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Form 7: Generator wise Schedule Vs Actual Energy

S. No.	Name of Station	Name of Unit	Variable Rate as per MoD stak approved by SLDC (13-09-22 to 15-09-22)	Scheduled Energy Generation from 13-09-22 to 15-09-22 (Mus)	Variable Rate as per MoD stak approved by SLDC (16-09-22 to 30-09-22)	Scheduled Energy Generation from 16-09-22 to 30-09-22 (Mus)	Scheduled Energy Generation from the month (Mus)	Actual Energy Generation for the month (MU)	Justification for deviation from Schedule
State Generating Stations									
1	Bhusawal TPS	Bhusawal - 3	5.47	0.00	5.58	25.62	55.60	55.60	
2	Bhusawal TPS	Bhusawal - 4	3.93	22.28	4.27	104.81	229.85	323.90	
3	Bhusawal TPS	Bhusawal - 5	3.93	4.31	4.27	89.65	94.05		
4	Khaparkheda TPS	Khaparkheda - 1 to 4	4.22	23.74	4.93	131.96	286.10	286.09	
5	Khaparkheda TPS	Khaparkheda - 5	4.16	22.27	4.64	116.17	232.66	232.58	
6	Nashik TPS	Nashik- 3,4 & 5	5.01	15.62	5.25	80.74	163.42	162.50	
7	Chandrapur TPS	Chandrapur - 3	4.13	8.00	5.06	42.02	79.10	611.99	
8	Chandrapur TPS	Chandrapur - 4	4.13	6.36	5.06	39.15	79.53		
9	Chandrapur TPS	Chandrapur - 5	4.13	16.24	5.06	83.33	145.08		
10	Chandrapur TPS	Chandrapur - 6	4.13	10.59	5.06	69.86	162.37		
11	Chandrapur TPS	Chandrapur - 7	4.13	11.88	5.06	58.28	145.87		
12	Paras TPS	Paras - 3	3.19	10.60	3.14	61.29	120.92	197.68	
13	Paras TPS	Paras - 4	3.19	10.44	3.14	17.90	76.76		
14	Parli TPS	Parli - 6	4.36	10.02	4.63	57.52	112.76	209.50	
15	Parli TPS	Parli - 7	4.36	9.93	4.63	54.44	96.71		
16	Koradi TPS	Koradi - 6	2.84	3.43	2.89	0.00	35.88	35.88	
17	GTPS Uran	GTPS Uran	4.60	6.43	4.68	31.10	75.04	25.79	
18	MSPGCL Hydro	Hydro (Ghatghar)		0.00		0.00	0.00	216.11	
19	Parli TPS	Parli Replacement U 8	4.27	8.57	4.55	46.74	96.50	96.52	
20	Chandrapur TPS	Chandrapur - 8	3.75	0.00	4.53	0.00	46.05	310.12	
21	Chandrapur TPS	Chandrapur - 9	3.75	24.11	4.53	128.33	264.14		
22	Koradi TPS	Koradi R U-8	3.39	26.62	3.42	129.24	274.31	628.10	
23	Koradi TPS	Koradi 9	3.39	0.00	3.42	80.36	80.36		
24	Koradi TPS	Koradi10	3.39	25.53	3.42	133.33	273.70		
25	MSPGCL Under Case IV	MSPGCL Dhariwal					0.00	0.00	
26	Dodson	Dodson I					0.00	0.00	
27	Dodson	Dodson II					0.00	0.00	
Central Generating Stations									
1	KSTPS	Unit-I to VI	1.98	37.84	1.81	203.66	404.87	404.88	
2	KSTPS III	-	1.60	8.16	1.76	41.86	84.14	84.14	
3	VSTP I	Unit-I to VI	1.73	22.10	1.77	133.07	247.52	247.60	
4	VSTP II	Unit-I, II	1.65	10.72	1.68	56.26	113.17	113.17	
5	VSTP III	Unit-I, II	1.63	17.87	1.65	94.65	189.25	189.25	
6	VSTP IV	Unit-I, II	1.61	19.54	1.64	102.47	204.84	204.84	
7	VSTP V	Unit-I	1.66	10.13	1.69	54.92	109.66	109.66	
		UNIT-I (GT-I A),	1.57	0.00	1.57	0.00	0.00		

Maharashtra State Electricity Distribution Co. Ltd.

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Form 8: Details of efforts taken to sell surplus power in the month

S. No.	Place (Pwer Exchange/DEEP Portal) / Tender ID in which participated during the month	Bid Quantity (MW)	Bid Rate (Rs/kWh)	Is Bid was sucesfull?	If sucessful, details for the month		
					Buyer	Rate (Rs/kWh)	Quantum (MU)
1	DEEP Portal/				BRPL	5.13	3.93
2	Power Exchange				IEX	8.75	10.82
3	Banking				PTC/PSPCL		108.00
4	Banking				KEIPL/ BSES Yamuna		0
5	Banking				SPTPL/IPCL		0
6	Banking				TDPL		71.24
	Total						193.99

Maharashtra State Electricity Distribution Co. Ltd.

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Form 9: Generation Summary

S. No.	Particulars	Units	Bhusawal - 3	Bhusawal - 4 & 5	Khaparkhed a - 1 to 4	Khaparkhed a - 5	Nashik- 3,4 & 5	Chandrapur - 3 to 7	Paras - 3 & 4	Parli - 6 & 7	Koradi - 6 & 7	GTPS Uran
1	Gross Generation	MU										
2	Net Generation	MU	55.60	323.90	286.09	232.58	162.50	611.99	197.68	209.50	35.88	75.04
3	Approved Energy Charge	Rs./kWh	4.01	3.35	2.88	2.52	3.48	2.54	3.07	4.12	3.22	2.76
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	6.10	4.21	4.70	4.34	5.51	5.17	3.12	5.36	3.16	5.90
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	2.09	0.86	1.82	1.82	2.03	2.63	0.05	1.24	(0.06)	3.14
6	Approved Fuel expenses	Rs. Crore	0.00	162.00	108.00	71.00	0.00	230.00	82.00	0.00	32.00	68.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	33.92	136.52	134.48	100.85	89.59	316.57	61.64	112.25	11.33	44.25
8	Recoverable through FAC (7 - 6)	Rs. Crore	33.92	(25.48)	26.48	29.85	89.59	86.57	(20.36)	112.25	(20.67)	(23.75)

Maharashtra State Electricity Distribution Co. Ltd.

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Form 9: Generation Summary

S. No.	Particulars	Units	Hydro (Ghatghar)	Parli Replacement U 8	Chandrapur - 8-9	Koradi R U-8,9,10	KSTPS	KSTPS III	VSTP I	VSTP II	VSTP III	VSTP IV
1	Gross Generation	MU										
2	Net Generation	MU	205.69	96.52	310.12	628.10	404.88	84.14	247.60	113.17	189.25	204.84
3	Approved Energy Charge	Rs./kWh		3.94	2.51	2.34	1.61	1.53	1.90	1.77	1.84	1.81
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	0.26	5.29	4.49	3.51	1.47	1.44	1.63	1.57	1.55	1.53
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.26	1.35	1.98	1.17	(0.14)	(0.09)	(0.27)	(0.20)	(0.29)	(0.28)
6	Approved Fuel expenses	Rs. Crore		0.00	144.00	192.00	58.00	10.00	45.00	33.00	28.00	29.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	5.35	51.10	139.10	220.73	59.57	12.11	40.26	17.73	29.39	31.40
8	Recoverable through FAC (7 - 6)	Rs. Crore	5.35	51.10	(4.90)	28.73	1.57	2.11	(4.74)	(15.27)	1.39	2.40

Maharashtra State Electricity Distribution Co. Ltd.

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Form 9: Generation Summary

S. No.	Particulars	Units	VSTP V	Kawas	Gandhar	KhSTPS II	SIPAT TPS 2	SIPAT TPS 1	Mauda I	Mauda II	NTPC Solapur 2	NTPC Solapur	Lara
1	Gross Generation	MU											
2	Net Generation	MU	109.66	0.14	0.29	88.53	176.33	372.33	225.87	289.67		243.34	138.79
3	Approved Energy Charge	Rs./kWh	1.83	3.07	3.00	2.30	1.53	1.52	3.52	3.24		3.96	2.52
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.58	17.37	12.91	3.81	3.23	2.99	5.04	5.16		5.56	3.78
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.25)	14.30	9.91	1.51	1.70	1.47	1.52	1.92	0.00	1.60	1.26
6	Approved Fuel expenses	Rs. Crore	16.00	9.00	6.00	20.00	23.00	46.00	0.00	95.00		0.00	34.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	17.30	0.25	0.37	33.73	56.93	111.21	113.88	149.51	0.00	135.37	52.51
8	Recoverable through FAC (7 - 6)	Rs. Crore	1.30	(8.75)	(5.63)	13.73	33.93	65.21	113.88	54.51	0.00	135.37	18.51

Maharashtra State Electricity Distribution Co. Ltd.

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Form 9: Generation Summary

S. No.	Particulars	Units	Gadarwar a	Khargone	KAPP	TAPP 1&2	TAPP 3&4	JSW	CGPL	APML 125 MW	APML 1320 MW	APML 1200 MW
1	Gross Generation	MU										
2	Net Generation	MU	49.19	26.09	98.50	(0.75)	289.90	142.99	178.51	37.36	889.21	769.22
3	Approved Energy Charge	Rs./kWh	3.72	3.20	2.50	2.22	3.52	3.00	2.18	2.94	1.88	2.94
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	4.64	5.57	2.26	2.37	3.40	5.02	4.70	4.83	4.07	4.83
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.92	2.37	(0.24)	0.15	(0.12)	2.02	2.52	1.89	2.19	1.89
6	Approved Fuel expenses	Rs. Crore	0.00	10.00	20.00	21.00	84.00	51.00	97.00	22.00	153.00	198.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	22.82	14.52	22.26	0.00	98.64	71.85	83.86	18.03	361.67	371.26
8	Recoverable through FAC (7 - 6)	Rs. Crore	22.82	4.52	2.26	(21.00)	14.64	20.85	(13.14)	(3.97)	208.67	173.26

Maharashtra State Electricity Distribution Co. Ltd.

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Form 9: Generation Summary

S. No.	Particulars	Units	APML 440 MW	EMCO Power	RIPL 450 MW	RIPL 750 MW	Sai Wardha	SSP	Pench	Dodson I	Dodson II	Renewable - Solar	Renewable - Non Solar
1	Gross Generation	MU											
2	Net Generation	MU	77.93	108.07	182.31	303.86	89.15	277.55	15.71			631.75	636.22
3	Approved Energy Charge	Rs./kWh	3.01	2.76	3.57	3.57	0.00	2.12	2.12	1.68		3.62	4.93
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	4.89	2.45	3.18	3.18	3.30	2.05	2.05	1.54		3.62	4.18
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	1.88	(0.31)	(0.39)	(0.39)	3.30	(0.07)	(0.07)	(0.14)	0.00	0.00	(0.75)
6	Approved Fuel expenses	Rs. Crore	79.00	33.00	0.00	0.00	0.00	21.00	2.00	1.00		314.00	375.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	38.08	26.45	57.94	96.57	29.42	56.90	3.22	0.00	0.00	228.96	266.16
8	Recoverable through FAC (7 - 6)	Rs. Crore	(40.92)	(6.55)	57.94	96.57	29.42	35.90	1.22	(1.00)	0.00	(85.04)	(108.84)

S. No.	Particulars	Units	Bhusawal Unit 03	Bhusawal Unit 04 & 05	Khaperkhe da Unit 01 to 04	Khaperkhe da Unit 05	Nashik TPS	Chandrapur Unit 03 to 07	Paras Unit 03 and 04	Parli Unit 06 and 07	Koradi Unit 06	GTPS Uran (Combined)	GTPS Uran (Open)	Parli Unit 08	Chandrapur Unit 08,09	Koradi Unit 08,09,10	KSTPS	KSTPS III	VSTP I	
1	Operational parameters																			
1.1	Total Capacity	MW	210	1000	840	500	630	1920	500	500	210	672	672	250	1000	1980	2100	500	1260	
1.2	Availability	%	54.66%	52.44%	58.81%	80.87%	44.50%	50.98%	63.49%	73.12%	26.14%	23.58%	13.70%	67.71%	51.04%	48.19%	99.08%	104.10%	86.93%	
1.3	PLF	%	41.30%	47.86%	52.39%	67.42%	40.38%	48.01%	60.54%	65.20%	26.08%	23.58%	13.70%	57.37%	45.82%	46.89%	93.62%	98.90%	84.09%	
1.4	Gross Generation	MU	60.29	342.88	316.59	243.58	181.77	695.22	221.30	241.07	39.35	26.47	49.35	108.75	326.35	681.61				
1.5	Auxiliary Consumption excluding FGD	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%	9.00%	3.10%	1.00%	8.50%	6.00%	6.00%				
1.6	Auxiliary Consumption excluding FGD	MU	6.61	20.57	30.71	14.61	19.54	54.23	20.58	22.42	3.54	0.82	0.493	9.24	19.58	40.90				
1.7	Auxiliary Consumption for FGD	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1.8	Auxiliary Consumption for FGD	MU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1.9	Total Auxiliary Consumption	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%	10.81%	3.10%	3.10%	8.50%	6.00%	6.00%	7.04	6.25	9	
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	6.61	20.57	30.71	14.61	19.54	54.23	20.58	22.42	3.54	0.82	0.49	9.24	19.58	40.90				
1.11 (a)	Total Net Generation		53.68	322.31	285.88	228.96	162.23	640.989	200.719	218.652	35.812	25.647	48.852	99.504	306.769	640.717	1,315.91	333.79	694.22	
1.11 (b)	MSEDCL Net Generation (= 1.4 + 1.10)	MU	55.60	323.90	286.09	232.58	162.50	611.99	197.68	209.50	35.88	25.79	49.24	96.52	310.12	628.10	404.88	84.14	247.60	
1.12	Heat Rate	kcal/kWh	2787	2375	2630	2375	2754	2688	2430	2430	2350	2035	2900	2430	2375	2230	2401.43	2374.03	2430	
1.13	Secondary Fuel Oil Consumption	ml/kWh	1.40	0.5	1.20	0.5	1.00	1.00	0.5	0.5	2.81			0.5	0.5	0.5				
1.14	Transit Loss for Domestic and Washed Coal	%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%			0.80%	0.80%	0.80%	0.2	0.2	0.2	
1.15	Transit Loss for Imported Coal	%															0.2	0.2	0.2	
2	Fuel parameters (for each primary and secondary fuel)																			
2.1	Calorific Value																			
2.1.1	Domestic Coal (As Billed)	kcal/kg	4029	4271	3688	3688	3982	3829	3975	3628	3893	8664	8737	3615	4061	3754	4018	4018	4465	
2.1.2	Imported Coal (As Billed)	kcal/kg	4800	4783	4500	4500	4842	4784	0	0	0			0	4780	4651				
2.1.3	Domestic Coal (As Received)	kcal/kg	3429	3671	3088	3088	3382	3229	3375	3028	3293	8664	8737	3015	3461	3154	3612	3612	3706	
2.1.4	Imported Coal (As Received) Washed Coal (As Received)	kcal/kg	4800	4783	4500	4500	4842	4784	0	0	0			0	4780	4651				
2.1.5	Fuel 2	kcal/unit	10970	10970	10636	10636	10978	10838	10214	10730	10641			10730	10838	10641	9202	9408	9432	
2.1.6	Fuel 3	kcal/unit	10671	10671	10267	10267	10707	10317	10494	10044	10145			10044	10317	10145				
2.1.7	Fuel 4	kcal/unit																		
2.2	Stacking Loss																			
2.2.1	Stacking Loss Approved	kcal/kg	120	120	120	120	120	120	120	120	120	120		120	120	120				
2.2.2	Stacking Loss Actual	kcal/kg	826.96	786.46	395.65	600	354	261	-89.82	130.92	764.37			130.42	274.31	487.63				
2.3	Calorific Value after stacking loss																			
2.3.1	Domestic Coal (As Fired)	kcal/kg	3703	3855	3236	3490	3473	3430	3375	2908	3426	8664	8737	2895	3688	3620				
2.3.2	Imported Coal (As Fired)	kcal/kg																		
2.4	Landed Fuel Price per unit																			
2.4.1	Domestic Coal	Rs./MT	4169	3829.04	3818.80	4070.86	4404.13	3485.06	3890.49	5789.90	0.00	19.38	19.46	5746.73	3928.23	3935.49	1951.85	1947.89	2165.64	
2.4.2	Imported Coal	Rs./MT	16958.69	16289.91	16275.52	16287.46	16448.07	15810.23							15666.49	14729.74				
	Washed Coal	Rs./MT	5011.27	4948.89	4542.98	4532.76		0.00			4083.20				3955.35	4360.38				
2.4.3	Fuel 3	Rs./unit	88328	84585	74991.11	61574.35	80356.68	72935.91	73546.33	61075	55245.13			61074.75	57195.60	63156.88	82634.89	82255.18	58487.52	
2.4.4	Fuel 4	Rs./unit	51426	56151	60851.25	45795.25	56273.86	58494.77	63970.86	61149	59729.56			61148.97	59526.96	64796.62				
3	Fuel Consumption and Heat Contribution (for each fuel separately)																			
3.1	Specific Fuel Consumption																			
3.1.1	Domestic Coal	MT/kWh	0.44	0.27	0.60	0.31	0.68	0.62	0.72	0.83	0.00	0.23	0.33	0.84	0.40	0.07				
			0.14	0.25	0.13	0.27	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.10	0.48				
3.1.2	Imported Coal	MT/kWh	0.16	0.10	0.08	0.09	0.11	0.16	0.00	0.00	0.00			0.00	0.10	0.06				
3.1.3	Fuel 3	unit/kWh	0.280	0.100	0.240	0.100	0.200	0.200	0.100	0.100	0.562			0.100	0.100	0.100				
3.1.4	Fuel 4	unit/kWh	1.120	0.400	0.960	0.400	0.800	0.800	0.400	0.400	2.248			0.400	0.400	0.400				
3.2	Total Fuel Consumption																			
3.2.1	Domestic Coal		26600.04	90938.33	189733.38	75903.15	122794.57	430854.79	159006.53	201080.12	0.00	6216775.71	16378563.71	91091.46	129812.04	48985.61				
			8614.34	84039.65	41414.96	66396.25	0.00	0.000		0.000	26094.213			0.000	33770.115	329115.317				
3.2.2	Imported Coal		9932.26	35839.10	25002.65	23137.80	20821.56	112044.18		0.00	0.00			0.00	46138.76	40856.77				
3.2.3	Fuel 3		16.88	34.29	75.98	24.36	36.35	139.04	22.13	24.11	22.12			10.87	32.64	68.16				

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Form 10: Energy Charge

S. No.	Particulars	Units	KAPP	TAPP 1&2	TAPP 3&4	JSW	CGPL	APML				GMR	RPL		SWPGL	Remarks	
1	Operational parameters																
1.1	Total Capacity	MW	440	320	1080	300	760	125	1320	1200	440	200	450	750	240		
1.2	Availability	%				87.59%	64.25%	100.00%	96.97%	100.00%	81.74%	77.72%	59.06%	59.06%	52.10%		Actual
1.3	PLF	%				66.20%	32.62%	41.51%	93.56%	89.03%	24.60%	75.05%	56.27%	56.27%	51.59%		Actual
1.4	Gross Generation	MU															Actual
1.5	Auxiliary Consumption excluding FGD	%															As approved in the Tariff Order
1.6	Auxiliary Consumption excluding FGD	MU															As approved in the Tariff Order
1.7	Auxiliary Consumption for FGD	%															As approved in the Tariff Order
1.8	Auxiliary Consumption for FGD	MU															As approved in the Tariff Order
1.9	Total Auxiliary Consumption	%						5.28%	5.28%	5.28%	5.28%	8%	9%	9%	9.70%		
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU															
1.11 (a)	Total Net Generation		286.77	-1.51	710.29												
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	98.50	-0.75	289.90	142.99	178.51	37.36	889.21	769.22	77.93	108.07	182.31	303.86	89.15		
1.12	Heat Rate	kcal/kWh				2250	2050	2200	2200	2200	2200	2430	2175	2175	2451		As approved in the Tariff Order
1.13	Secondary Fuel Oil Consumption	ml/kWh															As approved in the Tariff Order
1.14	Transit Loss for Domestic and Washed Coal	%															As approved in the Tariff Order
1.15	Transit Loss for Imported Coal	%															As approved in the Tariff Order
2	Fuel parameters (for each primary and secondary fuel)																
2.1	Calorific Value																
2.1.1	Domestic Coal (As Billed)	kcal/kg															Actual
2.1.2	Imported Coal (As Billed)	kcal/kg															Actual
2.1.3	Domestic Coal (As Received)	kcal/kg															Actual
2.1.4	Imported Coal (As Received)	kcal/kg															Actual
	Washed Coal (As Received)	kcal/kg															
2.1.5	Fuel 2	kcal/unit															Actual
2.1.6	Fuel 3	kcal/unit															Actual
2.1.7	Fuel 4	kcal/unit															Actual
2.2	Stacking Loss																
2.2.1	Stacking Loss Approved	kcal/kg															
2.2.2	Stacking Loss Actual	kcal/kg															
2.3	Calorific Value after stacking loss																
2.3.1	Domestic Coal (As Fired)	kcal/kg														3900	Actual
2.3.2	Imported Coal (As Fired)	kcal/kg															
2.4	Landed Fuel Price per unit																
2.4.1	Domestic Coal	Rs./MT															
2.4.2	Imported Coal	Rs./MT															
	Washed Coal	Rs./MT															
2.4.3	Fuel 3	Rs./unit															
2.4.4	Fuel 4	Rs./unit															
3	Fuel Consumption and Heat Contribution (for each fuel separately)																
3.1	Specific Fuel Consumption																
3.1.1	Domestic Coal	MT/kWh															
3.1.2	Imported Coal	MT/kWh															
3.1.3	Fuel 3	unit/kWh															
3.1.4	Fuel 4	unit/kWh															
3.2	Total Fuel Consumption																
3.2.1	Domestic Coal																
3.2.2	Imported Coal																
3.2.3	Fuel 3																

Derived based on performance parameters approved in the Tariff Order and considering actual generation and actual calorific value

Derived based on performance parameters approved in the Tariff Order and considering actual generation and actual calorific value

Maharashtra State Electricity Distribution Co. Ltd.
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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Bhusawal				Bhusawal Unit 04 and 05				Khaparkheda - 1 to 4				Khaparkheda Unit 05				Approved in Tariff Order
			Approved in Tariff Order	Raw Coal	Imported Coal	Wash Coal	Approved in Tariff Order	Raw Coal	Imported Coal	Wash Coal	Approved in Tariff Order	Raw Coal	Imported Coal	Wash Coal	Approved in Tariff Order	Raw Coal	Imported Coal	Wash Coal	
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit																	
	Freight	Rs/unit																	
	Freight Surcharge, if applicable	Rs/unit																	
	Fuel Handling Charges	Rs/unit																	
	Taxes and Duties (pl. specify details)	Rs/unit																	
	Any other charges	Rs/unit																	
	Total Price excluding Transit Loss	Rs/unit		3988.78	16810.43	4863.01		3714.25	16205.08	4864.06		3685.53	16171.97	4439.43		3935.57	16183.91	4429.21	
	Normative Transit Loss	%		0.80%				0.80%				0.01	0.00%	0.00%		0.80%		0.00%	
	Total Price including Transit Loss	Rs/unit		4020.94	16810.43	4863.01		3744.21	16205.08	4864.06		3715.25	16171.97	4439.43		3967.31	16183.91	4429.21	
	Other Fuel Related Variable Charges	Rs/unit		148.26	148.26	148.26		84.83	84.83	84.83		103.55	103.55	103.55		103.55	103.55	103.55	
	Total Price	Rs/unit		4169.20	16958.69	5011.27		3829.04	16289.91	4948.89		3818.80	16275.52	4542.98		4070.86	16287.46	4532.76	

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Nashik TPS			Chandrapur Unit 03 to 07					Paras Unit 03 and 04			Parti Unit 06 and 07			Koradi Unit 06		
			Raw Coal	Imported Coal	Wash Coal	Approved in Tariff Order	Purchase	Raw Coal	Imported Coal	Wash Coal	Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Stock	Consumption	Approved in Tariff Order	Stock	Consumption (Raw Coal)
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit																	
	Freight	Rs/unit																	
	Freight Surcharge, if applicable	Rs/unit																	
	Fuel Handling Charges	Rs/unit																	
	Taxes and Duties (pl. specify details)	Rs/unit																	
	Any other charges	Rs/unit																	
	Total Price excluding Transit Loss	Rs/unit	4368.90	16448.07				3366.10	15718.42	0.00			3736.86			5729.97			
	Normative Transit Loss	%	0.80%		0.80%			0.80%					0.80%	0.80%	0.80%		0.80%	0.80%	
	Total Price including Transit Loss	Rs/unit	4404.13	16448.07	0.00			3393.24	15718.42	0.00			3767.00	0.00		5776.18		0.00	0.00
	Other Fuel Related Variable Charges	Rs/unit						91.82	91.82				123.49			13.73			
	Total Price	Rs/unit	4404.13	16448.07	0.00			3485.06	15810.23	0.00			3890.49	0.00		5789.90		0.00	0.00

Maharashtra State Electricity Distribution Co. Ltd.
 Filing for the month Sep-22
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 Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	GTPS Uran				Parli Unit 08			Chandrapur Unit 08,09				Koradi Unit 08,09,10					
			Consumption (Wash Coal)	Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Stock	Consumption	Approved in Tariff Order	Consumption (Raw Coal)	Consumption (Imported Coal)	Consumption (Wash Coal)	Approved in Tariff Order	Purchase	Consumption (Raw Coal)	Consumption (Imported Coal)	Consumption (Wash Coal)	
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit																	
	Freight	Rs/unit																	
	Freight Surcharge, if applicable	Rs/unit																	
	Fuel Handling Charges	Rs/unit																	
	Taxes and Duties (pl. specify details)	Rs/unit																	
	Any other charges	Rs/unit																	
	Total Price excluding Transit Loss	Rs/unit	4083.20			0.00			5674.19			3825.91	15595.03	3883.89			3892.81	14718.46	4349.09
	Normative Transit Loss	%	0.00%			0.00%		0.80%	0.80%			0.80%		0.00%			0.80%		0.00%
	Total Price including Transit Loss	Rs/unit	4083.20			0.00		0.00	5719.95			3856.76	15595.03	3883.89			3924.20	14718.46	4349.09
	Other Fuel Related Variable Charges	Rs/unit							26.78			71.46	71.46	71.46			11.29	11.29	11.29
	Total Price	Rs/unit	4083.20			0.00		0.00	5746.73			3928.23	15666.49	3955.35			3935.49	14729.74	4360.38

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form 12: Fuel Inventory

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss	Available at Plant boundary during the month			Consumption during the month			Closing inventory actual		
			Quantity	Cost	Price	Quantity	Cost	Price		Quantity	Cost	Price	Quantity	Cost	Price	Quantity	Cost	Price
			unit (MT)	Rs. Crore	Rs./unit	unit (MT)	Rs. Crore	Rs./unit		unit (MT)	unit	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit	unit	Rs. Crore
3	VSTP I	Domestic Coal	687980	143.70	2089	1851783	405.08	2188	5700	2534063	549	2165.64						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64	0	0	#DIV/0!	0	0	#DIV/0!
4	VSTP II	Domestic Coal	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64	0	0	#DIV/0!	0	0	#DIV/0!
5	VSTP III	Domestic Coal	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64	0	0	#DIV/0!	0	0	#DIV/0!
6	VSTP IV	Domestic Coal	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64	0	0	#DIV/0!	0	0	#DIV/0!
7	VSTP V	Domestic Coal	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	687980	144	2089	1851783	405	2188	5700	2534063	549	2165.64	0	0	#DIV/0!	0	0	#DIV/0!
8	Kawas	Domestic Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	0	0	#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
9	Gandhar	Domestic Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	0	0	#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
10	KhSTPS-II	Domestic Coal	263746	108.41	4110	584704	245.86	4205	3580	844870	354	4193.19						
		NTPC Coal	188374	65.76	3491	73091	24.55	3360	585	260880	90	3461.94						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	43077	79.54	18466	91110	177.41	19472	182	134005	257	19175.13						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	495197	254	5124	748905	448	5980	4347	1239755	702	5658.71	0	0	#DIV/0!	0	0	#DIV/0!
11	SIPAT TPS 2	Domestic Coal	88302	20.27	2295.21	1242121	292.44	2354.39	4013	1326410	313	2357.57						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	33239	62.11	18684	119293.80	216.07	18112	238.59	152295	278.17	18265.33						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0.00	#DIV/0!						
Total	121541	82	6777	1361415	509	3735	4252	1478705	591	3995.94	0	0	#DIV/0!	0	0	#DIV/0!		
12	SIPAT TPS 1	Domestic Coal	88302	20	2295	1242121	292	2354	4013	1326410	313	2357.57						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	33239	62	18684	119294	216.07	18112	239	152295	278.17	18265.33						
		Bio-Mass			#DIV/0!	0	0.00	#DIV/0!		0	0.00	#DIV/0!						
Total	121541	82	6777	1361415	509	3735	4252	1478705	591	3995.94	0	0	#DIV/0!	0	0	#DIV/0!		
13	Mauda I	Domestic Coal (Sp.)	69745	22.56	3234	558811	180.84	3236	4470	624085	203	3259.12						
		Domestic Coal	1434	0.80	5570	163192	92.93	5694	1306	163321	94	5738.66						
		Domestic Coal (NTPC mines)	22643	8.71	3848	11309	4.14	3665	90	33862	13	3797.18						
		E-Auction	499	0.45	9112			#DIV/0!		499	0	9111.79						
		Imported Coal	107610	205.60	19106	116438	214.01	18380	233	223815	420	18748.35						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
Total	201932	238	11792	849750	492	5789	6099	1045583	730	6982.23	0	0	#DIV/0!	0	0	#DIV/0!		
14	Mauda II	Domestic Coal (Sp.)	69745	23	3234	558811	181	3236	4470	624085	203	3259.12						
		Domestic Coal	1434	1	5570	163192	93	5694	1306	163321	94	5738.66						
		Domestic Coal (NTPC mines)	22643	9	3848	11309	4	3665	90	33862	13	3797.18						
		Total	94812	33	12138	733302	178	12130	1466	121107	310	121107	0	0	#DIV/0!	0	0	#DIV/0!

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-22
Financial Year : 2022-23
Form 12: Fuel Inventory

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss	Available at Plant boundary during the month			Consumption during the month			Closing inventory actual		
			Quantity	Cost	Price	Quantity	Cost	Price		Quantity	Cost	Price	Quantity	Cost	Price	Quantity	Cost	Price
			unit (MT)	Rs. Crore	Rs./unit	unit (MT)	Rs. Crore	Rs./unit		unit (MT)	unit	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit	unit	Rs. Crore
		E-Auction	499	0	9112	0	0	#DIV/0!	0	499	0	9111.79						
		Imported Coal	107610	206	19106	116438	214	18380	233	223815	420	18748.35						
		Bio-Mass			#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!						
		Total	201932	238	11792	849750	492	5789	6099	1045583	730	6982.23	0	0	#DIV/0!	0	0	#DIV/0!
15	NTPC Solapur 2	Domestic Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	0	0	#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
16	NTPC Solapur	Domestic Coal (Sp.)	4973	2.65	5319	64440	34.22	5309.64	516	68898	37	5350.06						
		Domestic Coal (NTPC mines)			#DIV/0!	63683	36.55	5739	509	63173	37	5785.52						
		Domestic Coal	7336	3.79	5162	191592	95.38	4978	1532.74	197396	99	5023.66						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	198759	351.20	17669			#DIV/0!		198759	351	17669.38						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	211069	358	16944	319715	166	5197	2558	528226	524	9915.64	0	0	#DIV/0!	0	0	#DIV/0!
17	Lara	Domestic Coal (Others)	115952	27.44	2367	543101	127.57	2349	4345	654708	155	2367.72						
		Domestic Coal (NTPC mines)	2332	0.40	1725	32461	5.61	1728	260	34533	6	1740.87						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	4035	7.34	18188	81468	151.75	18626	163	85341	159	18641.13						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	122319	35	2876	657030	285	4337	4767	774582	320	4132.72	0	0	#DIV/0!	0	0	#DIV/0!
18	Gadarwara	Domestic Coal (Others)	2148	0.97	4523	105706	47.49	4493	846	107008	48	4528.63						
		Domestic Coal (NTPC mines)			#DIV/0!	11769	5.20	4422	94	11674	5	4457.99						
		Domestic Coal (Sp.)	104003	35.39	3402	331203	113.47	3426	2650	432557	149	3441.22						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	187074	356.16	19038	223	0.40	17839	0	187296	357	19037.07						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0.00	#DIV/0!						
		Total	293225	393	13386	448900	167	3710	3590	738535	559	7570.03	0	0	#DIV/0!	0	0	#DIV/0!
19	Khargone	Domestic Coal (Others)	190655	95.17	4992	183681.81	89.48	4872	1469	372868	185	4952.23						
		Domestic Coal (NTPC mines)			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Domestic Coal (Sp.)	104442	44.52	4263	3721	1.55	4165	30	108133	46	4260.43						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	181984	349.71	19216			#DIV/0!		181984	350	19216.31						
		Bio-Mass			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	477082	489	10258	187402	91	4858	1499	662985	580	8754.78	0	0	#DIV/0!	0	0	#DIV/0!
20	KAPP																	
21	TAPP 1&2																	
22	TAPP 3&4																	
Other Generating Stations																		
1	JSW	Coal	1552562			268935				1821497			0				1821497	
2	CGPL	Coal	675421							675421							675421	
3	APML 125 MW	Coal																
4	APML 1320 MW	Coal																
5	APML 1200 MW	Coal																
6	APML 440 MW	Coal																
7	EMCO Power	Coal	54825	17.88	3261	188814	71.25	3774		243639	89.13	3658	187021	63.36	3388	56618	25.77	4552
8	RIPL 450 MW	Coal																
9	RIPL 750 MW	Coal	18252	6	3418	410809	166	4045		429061	172.41	4018	355544	142	4002	73517	30.12	4097
10	SWPGL	Coal	33325							162069.28			120169				41900	

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-22

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Form 13: Transit Loss

S. No.	Station/Unit	Fuel	Approved Transit Loss	Actual Transit Loss for the month				Cumulative actual Transit Loss including the month
				Quantity dispatched by fuel supply company	Quantity received at the Plant boundary	Transit Loss	Transit Loss	
				%	unit	unit	unit	
State Generating Stations								
1	Bhusawal - 3	Coal	0.8	78390	77902	488	0.62%	
2	Bhusawal - 4	Coal	0.8	347877	346258	1618	0.47%	
3	Bhusawal - 5	Coal	0.8					
4	Khaparkheda - 1 to 4	Coal	0.8	299524	294653	4872	1.63%	
5	Khaparkheda - 5	Coal	0.8	226490	224259	2231	0.98%	
6	Nashik- 3,4 & 5	Coal	0.8	182909	182038	871		
7	Chandrapur - 3	Coal	0.8	612433	606108	6325	1.03%	
8	Chandrapur - 4	Coal	0.8					
9	Chandrapur - 5	Coal	0.8					
10	Chandrapur - 6	Coal	0.8					
11	Chandrapur - 7	Coal	0.8					
12	Paras - 3	Coal	0.8	207058	205437	1621	0.78%	
13	Paras - 4	Coal	0.8					
14	Parli - 6	Coal	0.8	247581	245345	2236	0.90%	
15	Parli - 7	Coal	0.8					
16	Koradi - 6	Coal	0.8					
17	GTPS Uran	Gas						
18	Hydro (Ghatghar)	Hydro						
19	Parli Replacement U 8	Coal	0.8	96275	96275	0	0.00%	
20	Chandrapur - 8	Coal	0.8	311831	309481	2350	0.75%	
21	Chandrapur - 9	Coal	0.8					
22	Koradi R U-8	Coal	0.8	532075	535809	-3734	-0.70%	
23	Koradi 9	Coal	0.8					
24	Koradi10	Coal	0.8					
25	MSPGCL Dhariwal	Coal						
26	Dodson I	Hydro						
27	Dodson II	Hydro						
Central Generating Stations								
1	KSTPS	Coal	0.2	1025464	1023413	2051	0.2%	
2	KSTPS III	Coal	0.2	1025464	1023413	2051	0.2%	
3	VSTP I	Coal	0.2	1851783	1846083	5700	0.3%	
4	VSTP II	Coal	0.2	1851783	1846083	5700	0.3%	
5	VSTP III	Coal	0.2	1851783	1846083	5700	0.3%	
6	VSTP IV	Coal	0.2	1851783	1846083	5700	0.3%	
7	VSTP V	Coal	0.2	1851783	1846083	5700	0.3%	
8	Kawas	Gas	-		0		#DIV/0!	
9	Gandhar	Gas	-		0		#DIV/0!	
10	KhSTPS-II	Coal	0.2	748905	744558	4347	0.6%	
11	SIPAT TPS 2	Coal	0.2	1361415	1357163	4252	0.3%	
12	SIPAT TPS 1	Coal	0.2	1361415	1357163	4252	0.3%	
13	Mauda I	Coal	0.8	849750	843650	6099	0.7%	
14	Mauda II	Coal	0.8	849750	843650	6099	0.7%	
15	NTPC Solapur 2	Coal						
16	NTPC Solapur	Coal	0.8	319715	317157	2558	0.8%	
17	Lara	Coal	0.2	657030	652263	4767	0.7%	
18	Gadarwara	Coal	0.8	448900	445310	3590	0.8%	
19	Khargone	Coal	0.8	187402	185903	1499	0.8%	
20	KAPP	Nuclear						
21	TAPP 1&2	Nuclear						
22	TAPP 3&4	Nuclear						
IPP								
1	JSW	Coal						
2	CGPL	Coal					#DIV/0!	
3	APML 125 MW	Coal				0	#DIV/0!	
4	APML 1320 MW	Coal						
5	APML 1200 MW	Coal						
6	APML 440 MW	Coal						
7	EMCO Power	Coal		188814	188814	0	0.0%	
8	RIPL 450 MW	Coal						
9	RIPL 750 MW	Coal						
10	SWPGL	Coal						

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-22

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Form 14 : Energy Sales - Metered

Sr. No.	Consumer Category	Approved for the year (MU)	Approved for the Month (MU)	Actual for the Month (MU)	Actual for the preceeding quarter (MU)	Reason for material variation	Cumulative upto preceeding month (MU)
1	Energy Sales in the License Area						
	HT Category						
	Industry (General)	36,590.51	3,017.85	3,048.84			18,499.86
	Industry (Seasonal)	102.93	1.95	2.39			22.45
	Commercial	1,968.12	154.20	141.55			915.55
	Railways/Metro/Monorail	83.72	6.43	8.59			54.86
	Public Water Works (PWW)	2,101.00	171.86	174.67			1,076.60
	Agricultural - Pumpsets	1,323.16	74.03	19.20			442.71
	Agricultural - Others	275.94	21.66	21.22			141.67
	Group Housing Society (Residential)	243.80	20.28	18.70			122.46
	Public Services - Government	298.91	25.04	27.58			174.99
	Public Services - Others	902.93	76.09	67.67			420.25
	Electric Vehicle Chargings Stations	0.31	0.03	4.94			24.62
	MSPGCL Auxiliary	183.74	13.47	25.45			147.65
	Other Adjustment	4,842.00	403.50	493.52			3,308.73
	Sub-total	48,917.06	3,986.38	4,054.32	-		25,352.39
	LT Category						
	BPL	49.63	3.63	5.30			28.82
	Residential	25,151.26	2,089.54	2,000.29			13,438.67
	Non Residential	8,120.69	648.08	484.40			3,173.96
	Public Water Works	993.84	78.69	71.05			443.94
	AG Metered (Pumpsets)	18,612.07	1,049.91	1,496.00			9,621.94
	AG Metered (Others)	140.00	10.58	18.53			113.53
	Industrial	10,571.64	805.64	1,005.41			5,936.54
	Street Lights	2,571.73	215.18	98.26			564.87
	Public Services	649.79	55.59	62.90			380.48
	Electric Vehicle Chargings Stations	0.23	0.02	0.14			0.84
	Sub-total	66,860.87	4,956.85	5,242.28	-		33,703.59
2	Energy Sales outside the License Area	-	-	-	-		-
3	Total Energy Sales (1+2)	1,15,777.93	8,943.23	9,296.60	-		59,055.98

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-22

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Form 15 : Energy Sales - Unmetered

Sr. No.	Consumer Category	Approved by the Commission for year			Sales in the month			Reason for material variation	Cumulative upto the preceding Quarter
		Load	Norm	ECUM	Approved	Load	ECUM		
		HP	hrs./HP/Year	MU	MU	HP	MU		
1	Zone 1	34,70,555		4,732.75			425.63		2,654.89
	Unmetered Hrs>1318								
	Bhandup (U)						0.04		0.23
	Nasik						157.36		987.25
	Pune						38.39		205.57
	Jalgaon						73.29		456.25
	Baramati						156.55		1,005.59
2	Zone 2	39,52,444		4,050.57	665.29		360.37		2,320.57
	Unmetered Hrs>1318								
	Akola						27.26		162.16
	Amravati						25.52		173.61
	Aurangabad						82.63		524.26
	Kalyan						6.33		30.62
	Konkan						0.00		0.02
	Kolhapur						5.26		50.84
	Latur						114.07		800.19
	Nagpur (U)						24.63		120.42
	Chandrapur						0.43		3.41
	Gondia						0.40		3.04
	Nanded						73.83		452.01
		Total	74,22,999		8,783.32	665.29		786.00	

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-22

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Form 16 : Energy Availability

Sr. No.	Source of Power Purchase	Units	Approved by the commission for Year	For the month			Cumulative upto month	
				Approved	Actual	Reason for material variation	Approved	Actual
1	Own Generation							
2	Power Purchase from other Sources							
2.1	State Generating Stations							
	Bhusawal - 3	MU	-	-	55.60		-	334.58
	Bhusawal - 4	MU	2,607.94	287.64	161.95		1,160.15	1,297.31
	Bhusawal - 5	MU	2,248.82	183.51	161.95		1,056.02	1,297.31
	Khaparkheda - 1 to 4	MU	4,467.19	367.17	286.09		2,239.71	1,852.70
	Khaparkheda - 5	MU	3,352.22	275.53	232.58		1,680.70	1,629.43
	Nashik- 3,4 & 5	MU	1,560.80	-	162.50		804.36	1,216.58
	Chandrapur - 3	MU	1,145.55	94.16			574.35	
	Chandrapur - 4	MU	1,145.55	94.16			574.35	
	Chandrapur - 5	MU	2,727.51	224.18	611.99		1,367.49	3,813.60
	Chandrapur - 6	MU	2,727.51	224.18			1,367.49	
	Chandrapur - 7	MU	2,727.51	224.18			1,367.49	
	Paras - 3	MU	1,586.88	130.43	98.84		795.61	682.56
	Paras - 4	MU	1,586.88	130.43	98.84		795.61	682.56
	Parli - 6	MU	-	-	104.75		-	650.21
	Parli - 7	MU	-	-	104.75		-	650.21
	Koradi - 6	MU	584.43	48.04	35.88		293.02	488.76
	Koradi - 7	MU	-	-	-		-	-
	GTPS Uran	MU	2,898.32	238.22	75.04		1,453.13	811.10
	Hydro (Ghatghar)	MU	3,296.55	270.95	205.69		1,652.79	2,244.48
	Parli Replacement U 8	MU	-	-	96.52		-	483.10
	Chandrapur - 8	MU	3,422.63	281.31	155.06		1,716.00	1,550.65
	Chandrapur - 9	MU	3,422.63	281.31	155.06		1,716.00	1,550.65
	Koradi R U-8	MU	3,261.91	268.10	209.37		1,635.42	1,540.99
	Koradi 9	MU	3,261.91	268.10	209.37		1,635.42	1,540.99
	Koradi10	MU	3,261.91	268.10	209.37		1,635.42	1,540.99
	MSPGCL Dhariwal	MU	-	-	-		-	-
	Dodson I	MU	51.51	4.23	-		25.82	-
	Dodson II	MU	64.21	5.28	-		32.20	-
	Sub total	MU	51,410.38	4,169.19	3,431.19		25,578.57	25,858.77
2.2	Central Generating Stations							
	KSTPS	MU	4,222.49	347.05	404.88		2,117.03	2,441.97
	KSTPS III	MU	755.30	62.08	84.14		378.69	373.99
	VSTP I	MU	2,778.10	228.34	247.60		1,392.86	1,540.75
	VSTP II	MU	2,226.82	183.03	113.17		1,116.46	1,231.28
	VSTP III	MU	1,801.00	148.03	189.25		902.97	1,023.86
	VSTP IV	MU	1,888.12	155.19	204.84		946.65	1,256.24
	VSTP V	MU	1,028.26	84.51	109.66		515.54	605.47
	Kawas	MU	348.10	28.61	0.14		174.53	1.46
	Gandhar	MU	256.03	21.04	0.29		128.36	2.48
	KhSTPS-II	MU	1,033.69	84.96	88.53		518.26	587.04
	SIPAT TPS 2	MU	1,801.00	148.03	176.33		902.97	1,121.91
	SIPAT TPS 1	MU	3,560.12	292.61	372.33		1,784.94	1,689.33
	Mauda I	MU	847.30	-	225.87		432.21	1,457.17
	Mauda II	MU	2,863.76	286.99	289.67		1,375.91	1,824.68
	NTPC Solapur 2	MU	-	-	-		-	-
	NTPC Solapur	MU	241.90	-	243.34		241.90	2,283.12
	Lara	MU	1,579.96	129.86	138.79		792.14	1,032.79
	Gadarwara	MU	57.24	-	49.19		57.24	608.37
	Khargone	MU	342.52	28.15	26.09		171.73	229.04
	KhSTPS-I	MU	-	-	-		-	-
	Farakka STPS	MU	-	-	-		-	-

Maharashtra State Electricity Distribution Co. Ltd.

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Form 16 : Energy Availability

Sr. No.	Source of Power Purchase	Units	Approved by the commission for Year	For the month			Cumulative upto month	
				Approved	Actual	Reason for material variation	Approved	Actual
	KAPP	MU	979.30	80.49	98.50		490.99	591.50
	TAPP 1&2	MU	1,143.71	94.00	(0.75)		573.42	(4.67)
	TAPP 3&4	MU	2,809.23	230.90	289.90		1,408.46	1,728.24
	Sub total	MU	32,563.95	2,633.87	3,351.76		16,423.25	21,626.00
2.3	Renewable Energy based Generating Stations							
	Renewable - Non Solar	MU	16,068.44	830.88	636.22		8,864.06	6,165.60
	Renewable - Solar	MU	11,178.05	899.63	631.75		5,170.39	3,678.98
	Sub total	MU	27,246.49	1,730.50	1,267.97		14,034.45	9,844.58
2.4	Other Generating Stations							
	JSW	MU	1,934.21	158.98	142.99		969.75	173.45
	CGPL	MU	5,157.89	423.94	178.51		2,586.01	1,065.65
	APML 125 MW	MU	870.25	71.53	37.36		436.32	338.71
	APML 1320 MW	MU	9,189.85	755.33	889.21		4,607.52	4,450.22
	APML 1200 MW	MU	7,862.98	646.27	769.22		3,942.26	4,919.61
	APML 440 MW	MU	3,063.28	251.78	77.93		1,535.84	800.52
	EMCO Power	MU	1,370.06	112.61	108.07		686.91	678.19
	RIPL 450 MW	MU	706.54	-	182.31		515.18	1,425.45
	RIPL 750 MW	MU	1,177.57	-	303.86		858.64	2,375.75
	Sai Wardha	MU	-	-	89.15		-	773.19
	Sub total	MU	31,332.64	2,420.43	2,778.60		16,138.42	17,000.74
2.5	Traders							
2.6	Others							
	SSP	MU	1,209.94	99.45	277.55		606.63	651.30
	Pench	MU	136.50	11.22	15.71		68.44	57.17
	Inter State	MU	-	-	0.61		-	4.22
	NTPC NVVN Coal	MU	-	-	12.50		-	73.65
	Short Term	MU	-	-	143.94		-	1,770.95
	FBSM/DSM	MU	-	-	(148.28)		-	(334.80)
	Inter state loss	MU	1,255.55	101.87	145.53		632.50	1,219.64
	Sub total	MU	90.89	8.79	156.50		42.57	1,002.85
	Total Power purchase from other sources (2.1+2.2+2.3+2.4+2.5+2.6)	MU	1,42,644.34	10,962.79	10,986.01		72,217.25	75,332.93
3	Energy Availability							
3.1	Energy available for sale within the Licensee area (1+	MU	1,42,644.34	10,962.79	10,986.01		72,217.25	75,332.93
	Infirm Non-PPA Wind power	MU	887.61	68.18	155.46		451.53	525.28
	Input for OA consumption	MU	4,114.17	316.03	354.50		2,092.91	2,418.22
	Energy injected and drawn at 33 Kv	MU	1,197.19	91.96	74.81		609.02	478.10
	Surplus power traded	MU	1,197.00	99.75	193.99		598.50	1,367.24
3.2	Energy available for sale within the Licensee area at transmission voltage	MU	1,45,251.93	11,155.28	11,376.80		73,554.18	79,118.39
	Intra-state transmission loss	MU	4,655.33	357.88	469.50		2,357.04	2,914.59
3.3	Energy available for sale within the Licensee area at distribution voltage	MU	1,40,596.60	10,797.41	10,907.29		71,197.14	76,203.80

Maharashtra State Electricity Distribution Co. Ltd.

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Form 17 : Losses

Sr. No.	Particulars	Units	Approved by the commission for Year	For the month			Cumulative upto month	
				Approved	Actual	Reason for material variation	Approved	Actual
1	Transmission Loss							
1.1	Net Energy input at Transmission Voltages	MU	1,45,251.93	11,155.28	11,376.80		73,554.18	79,118.39
1.2	Energy Sales at Transmission Voltages (including EHV consumers)	MU	11,159.42	866.05	1,027.19		5,337.55	6,376.88
1.3	Energy fed to Distribution System	MU	1,29,437.18	9,931.36	9,880.10		65,859.59	69,826.92
1.4	Transmission Loss (=1.1 - 1.2 - 1.3)	MU	4,655.33	357.88	469.50		2,357.04	2,914.59
1.5	Transmission Loss as % of Net Energy Input (=1.4 ÷ 1.1)	%	3.21%	3.21%	4.13%		3.20%	3.68%
2	Distribution Loss							
2.1	Net Energy input at Distribution Voltages	MU	1,26,829.59	9,738.86	9,444.95		64,522.67	70,305.02
2.2	Energy sales (metered) at Distribution voltage	MU	1,00,813.73	7,792.73	7,775.89		51,672.68	52,679.11
2.3	Estimated consumption of unmetered categories of consumers	MU	8,783.32	665.29	786.00		4,027.54	4,975.46
2.4	Distribution Loss (=2.1 - 2.2 - 2.3)	MU	17,232.54	1,280.85	883.06		8,822.45	12,650.45
2.5	Distribution Loss as % of net energy input (=2.4 ÷ 2.1)	%	14%	14%	9.35%		14%	17.99%
3	Excess Distribution Loss = [Distribution Loss (2.5) - Distribution loss approved] x Net Energy Input (2.1)	MU			680.04			

	REC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	PGCIL	-	-	-	305.16	-	305.16	-	-	-	444.23	-	-	444.23	-	
	FBSM/DSM	-	-	-	-	-	-	-	(148.28)	-	-	-	(53.71)	(53.71)	3.62	
	Sub total	110.67		22.69	305.16	-	327.85		302.03		139.56	444.23	-	-53.71	530.09	
	Total Power purchase from other sources	11,064.66		2,981.73	1,762.29	55.72	4,799.74	4.34	11,131.55		3,765.77	1,740.98	501.45	-55.79	5,952.41	5.35
3	Sale of Surplus Power	-		-	-	-	-		193.99	0.59	11.49	-	-	-	11.49	0.59
4	Total power purchase cost	11,064.66		2,981.73	1,762.29	55.72	4,799.74	4.34	10,937.56		3,754.28	1,740.98	501.45	-55.79	5,940.93	5.43

Maharashtra State Electricity Distribution Co. Ltd.

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Form 19 : Change in Power Purchase Cost

Sr. No.	Particulars	Units	Value
1	Average power purchase cost approved by the Commission	Rs./kWh	4.34
2	Actual average power purchase cost	Rs./kWh	5.43
3	Change in average power purchase cost (=2 -1)	Rs./kWh	1.09
4	Net Power Purchase	MU	10,937.56
5	Change in power purchase cost (=3 x 4/10)	Rs. Crore	1,196.32

Maharashtra State Electricity Distribution Co. Ltd.

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Form 20 : Apportionment of change in Power Purchase Cost to Licence Area

Sr. No.	Particulars	Units	Sale within the License Area	Sale outside the License Area	Total
1.0	Energy Sales	MU			
2.0	Apportionment of power purchase	MU			
2.1	Apportionment of power purchase from hydel	MU			
2.2	Apportionment of power purchase from other sources	MU			
2.3	Total Power Purchase	MU			
3.0	Apportionment of change in fuel cost of own generation and cost of power purchase	Rs. Crore			

Maharashtra State Electricity Distribution Co. Ltd.

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Form 21 : Adjustment for over-recovery/under-recovery

Sr. No.	Particulars	Units	Total	Ag	Non-Ag
1.0	Adjustment for over-recovery/under-recovery (B)				
1.1	Incremental cost allowed to be recovered in Month n-4	Rs. Crore	1,307.55	67.56	1,239.98
1.2	Incremental cost in Month n-4 actually recovered in month n-2	Rs. Crore	970.43	295.98	674.44
1.3	(over-recovery)/under-recovery (=1.2 - 1.1)	Rs. Crore	337.12	(228.42)	565.54
2.0	Carried forward adjustment for over-recovery/under-recovery attributable to application of ceiling limit for previous month	Rs. Crore	-	-	-
3.0	Adjustment factor for over-recovery/under-recovery (1.3+2.0)	Rs. Crore	337.12	(228.42)	565.54

Maharashtra State Electricity Distribution Co. Ltd.

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Form 22 : Carrying cost for over-recovery/under-recovery

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	Adjustment factor for over-recovery/under-recovery	Rs. Crore	337.12	(228.42)	565.54
2	Interest rate	%	9.20%	9.20%	9.20%
3	Carrying cost for over-recovery/under-recovery	Rs. Crore	2.58	(1.75)	4.34

Maharashtra State Electricity Distribution Co. Ltd.

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Form 23 : Total Fuel Cost and Power Purchase Adjustment

Sr. No.	Particulars	Units	Total	Ag	Non-Ag
1	Change in Fuel cost and power purchase cost attributable to Sales within the License Area (F)	Rs. Crore	1,196.32	402.53	793.79
2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	2.58	(1.75)	4.34
3	Adjustment factor for over-recovery/under-recovery (B)	Rs. Crore	337.12	(228.42)	565.54
4	ZFAC = F+C+B	Rs. Crore	1,536.02	172.36	1,363.66

Maharashtra State Electricity Distribution Co. Ltd.**Filing for the month Sep-22****Financial Year : 2022-23****Form 24 : FAC Fund**

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	Opening Balance of FAC Fund	Rs. Crore	573.56	64.36	509.20
2	FAC for the month	Rs. Crore	1,536.02	172.36	1,363.66
3	Holding cost of Fund	Rs. Crore	-	-	-
4	Closing Balance of FAC Fund (1+2+3)	Rs. Crore	2,109.58	236.72	1,872.86
5	ZFAC leviable to consumer (equal to Sr. No. 3 if it is positive)	Rs. Crore	2,109.58	236.72	1,872.86
6	ZFAC refundable to consumer (if Sr. No. 3 is negative and above the limit of FAC Fund stipulated in MYT Order)	Rs. Crore	-	-	-

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-22

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Form 25 : Calculation of FAC Charge

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	Energy Sales within the License Area	MU	10,057.15	2,282.00	7,775.15
2	Excess Distribution Loss	MU	680.04	154.30	525.73
3	ZFAC leviable/refundable to consumer	Rs. Crore	2,109.58	236.72	1,872.86
4	ZFAC per kWh	Rs./kWh	2.10	1.04	2.41
5	Cap at 20% of variable component of tariff	Rs./kWh	1,133.25	75.20	1,058.05
6	FAC Charge allowable (Minimum of 4 and 5)	Rs./kWh	2.10	1.04	2.41

Maharashtra State Electricity Distribution Co. Ltd.

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Form 26 : Calculation of FAC Charge for unmetered categories

Sr. No.	Unmetered consumer category	Consumption Norm	FAC Charge	Load	Estimated Recovery
		hrs/HP/year	Rs./HP/month	HP	Rs. Crore
1	LT-AG (> 1318 Hours per year)	1,734.33			
2	LT-AG (< 1318 Hours per year)	980.00			

Maharashtra State Electricity Distribution Co. Ltd.

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Form 27 : Recovery of FAC Charge

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	FAC leviable / refundable to consumer	Rs. Crore	2,109.58	236.72	1,872.86
2	FAC disallowed corresponding to excess Distribution Loss	Rs. Crore	80.69	9.05	71.63
3	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of ____	Rs. Crore	-	-	-
4	Carried forward FAC for recovery during future period	Rs. Crore	2,028.90	227.67	1,801.23

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-22

Financial Year : 2022-23

Form 28 : FAC Summary

Sr. No.	Particulars	Units	Total	Ag	Non-Ag
1.0	Calculation of ZFAC				
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	1,196.32	402.53	793.79
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	2.58	(1.75)	4.34
1.3	Adjustment factor for over-recovery/under-recovery	Rs. Crore	337.12	(228.42)	565.54
1.4	ZFAC = F+C+B	Rs. Crore	1,536.02	172.36	1,363.66
2.1	Energy Sales within the License Area	MU	10,057.15	2,282.00	7,775.15
2.2	Excess Distribution Loss	MU	680.04	154.30	525.73
2.3	ZFAC per kWh [(1.4/2.1)*10]	Rs./kWh	1.19	1.19	1.19
3.0	Allowable FAC				
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	80.69	9.05	71.63
3.2	FAC allowable [1.4-3.1]	Rs. Crore	2,028.90	227.67	1,801.23
3.3	FAC allowable per kWh [3.2/2.1*10]	Rs./kWh	2.02	2.02	2.02
4.0	Utilization of FAC Fund				
4.1	Opening Balance of FAC Fund	Rs. Crore	573.56	64.36	509.20
4.2	ZFAC for the month (Sr. N. 3.2)	Rs. Crore	1,455.34	163.31	1,292.03
4.3	Holding cost of Fund	Rs. Crore	-	-	-
4.4	Closing Balance of FAC Fund	Rs. Crore	2,028.90	227.67	1,801.23
4.5	ZFAC leviable/refundable to consumer	Rs. Crore	2,028.90	227.67	1,801.23
5.0	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of ____	Rs. Crore	-	-	-
6.0	Carried forward FAC for recovery during future period (4.4-5.0)	Rs. Crore	2,028.90	227.67	1,801.23

Maharashtra State Electricity Distribution Co. Ltd.
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 Form 29 : Category wise and slab wise FAC

Sr. No.	Consumer Category	ABR Rs./kWh	Energy Charges Rs./kWh	Average Cost of Supply Rs./kWh	K-Factor= ABR/ACoS	FAC without cap	FAC with cap	Sales kWh	PF%	Sales kVah	Rate per HP	FAC Amt. without cap	Adjustment of Over/Under Recovery	FAC Without CAP After Adjustment of Over/Under Recovery	FAC amount with CAP	Rate Rs./kWh	Rate Rs./kVah
A	B	C	D	E	F=C/E	G	H=D*20%	I	J	K=I/J	L	M=G*I/10	N	O=M+N	P=H*I/10	Q=Min(O or P)/I*10	R=Min(O or P)/K*10
	0-20 KW	7.58	3.18	7.35	1.03	2.08	0.64	5.50	1	5.50		1.14	-0.05	1.10	0.35	0.65	
	>20-50 KW	7.44	4.57	7.35	1.01	2.04	0.91	1.12	1	1.12		0.23	-0.01	0.22	0.10	0.90	
	>50 KW	8.45	5.73	7.35	1.15	2.32	1.15	1.31	1	1.31		0.30	-0.01	0.29	0.15	1.15	
	Other								1								
	0-20 KW	6.94	4.57	7.35	0.94	1.90	0.91	29.85	1	29.85		5.69	-0.23	5.45	2.73	0.90	
	>20-50 KW	10.18	7.23	7.35	1.39	2.79	1.45	10.52	1	10.52		2.94	-0.12	2.82	1.52	1.45	
	>50 KW	10.06	7.49	7.35	1.37	2.76	1.50	14.60	1	14.60		4.03	-0.17	3.87	2.19	1.50	
	Electric Vehicle Charging Stations (LT VIII)	5.50	4.15	7.35	0.75	1.51	0.83	0.14	1	0.14		0.02	-0.00	0.02	0.01	0.85	
	Total LT Category							6,028.28		10,217.74		1,167.36	-48.03	1,119.34	567.52		
	HT Category																
	HT																
	Industry (General)	8.51	6.89	7.35	1.16	2.34	1.38	2,175.00	0.98	2,216.83		508.03	-20.90	487.13	299.72	1.40	1.35
	Industry (Seasonal)	10.34	7.15	7.35	1.41	2.84	1.43	2.22	0.86	2.57		0.63	-0.03	0.60	0.32	1.45	1.25
	Commercial	13.07	10.95	7.35	1.78	3.59	2.19	147.52	0.97	151.95		52.92	-2.18	50.74	32.31	2.20	2.15
	Railways/Metro/Monorail	8.60	6.86	7.35	1.17	2.36	1.37	6.92	0.99	7.00		1.63	-0.07	1.57	0.95	1.35	1.35
	Public Water Works (PWW)	7.65	6.17	7.35	1.04	2.10	1.23	145.25	0.96	151.92		30.50	-1.25	29.24	17.92	1.25	1.20
	Agricultural - Pumpsets	4.66	3.69	7.35	0.63	1.28	0.74	9.24	0.90	10.32		1.18	-0.05	1.13	0.68	0.75	0.65
	Agricultural - Others	5.90	5.10	7.35	0.80	1.62	1.02	21.22	0.96	22.15		3.44	-0.14	3.29	2.16	1.00	1.00
	Group Housing Society (Residential)	7.35	5.70	7.35	1.00	2.02	1.14	16.65	0.97	17.15		3.36	-0.14	3.22	1.90	1.15	1.10
	Public Services - Government	9.37	7.74	7.35	1.27	2.57	1.55	27.58	0.97	28.34		7.09	-0.29	6.80	4.27	1.55	1.50
	Public Services - Others	9.37	8.96	7.35	1.27	2.57	1.79	62.82	0.98	64.30		16.16	-0.66	15.49	11.26	1.80	1.75
	Electric Vehicle Charging Stations	8.41	4.95	7.35	1.14	2.31	0.99	4.94	0.99	4.98		1.14	-0.05	1.09	0.49	1.00	1.00
	EHV																
	Industry (General)	8.38	6.89	7.35	1.14	2.30	1.38	1,354.19	0.99	1,367.93		311.47	-12.81	298.66	186.61	1.40	1.35
	Industry (Seasonal)	11.28	7.15	7.35	1.53	3.10	1.43	0.17	0.99	0.17		0.05	-0.00	0.05	0.02	1.45	1.40
	Commercial	14.39	10.95	7.35	1.96	3.95	2.19	3.99	0.99	4.01		1.58	-0.06	1.51	0.87	2.20	2.20
	Railways/Metro/Monorail	7.20	6.86	7.35	0.98	1.98	1.37	1.67	0.60	2.80		0.33	-0.01	0.32	0.23	1.35	0.80
	Public Water Works (PWW)	6.92	6.17	7.35	0.94	1.90	1.23	29.42	1.00	29.52		5.59	-0.23	5.36	3.63	1.25	1.25
	Agricultural - Pumpsets	3.89	3.69	7.35	0.53	1.07	0.74	9.96	0.91	10.97		1.06	-0.04	1.02	0.74	0.75	0.65
	Agricultural - Others	-	5.10	7.35	-	-	1.02	-	-	-		-	-	-	-	-	-
	Group Housing Society (Residential)	5.70	5.70	7.35	0.78	1.56	1.14	2.40	0.97	2.47		0.38	-0.02	0.36	0.27	1.15	1.10
	Public Services - Government	-	7.74	7.35	-	-	1.55	-	-	-		-	-	-	-	-	-
	Public Services - Others	9.70	8.96	7.35	1.32	2.66	1.79	7.71	1.00	7.72		2.05	-0.08	1.97	1.38	1.80	1.80
	Electric Vehicle Charging Stations	-	4.95	7.35	-	-	0.99	-	-	-		-	-	-	-	-	-
	Total HT Category							4,028.87		4,103.10		948.59	-39.03	909.56	565.73		
	Grand Total							10,057.15		14,320.85		2,115.95	-87.05	2,028.90	1,133.25		