

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form: Summary of FAC Submissions

A. Variation in Sales

Sr. No.	Particulars	HT-Category	LT-Category	Total
1	Approved Sales in Tariff Order (MU)	3,628.41	5,898.51	9,526.92
2	Actual Sales in Tariff Order (MU)	2,966.83	5,371.70	8,338.53
3	Difference (2-1)	(661.57)	(526.81)	(1,188.38)

B. Distribution Loss

Sr. No.	Particulars	
1	Approved Distribution Loss Target (%)	18.02%
2	Actual Cumulative Dist. Loss (%)	11.90%
3	Difference (2-1)	-6.12%

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	8,239.36	3,337.90	4.05	7,370.31	3,165.63	4.30	(869.05)	(172.26)	0.24
2	Gas	297.47	121.08	4.07	159.45	60.72	3.81	(138.01)	(60.36)	(0.26)
3	Hydro	404.16	95.27	2.36	272.28	81.14	2.98	(131.88)	(14.13)	0.62
4	Nuclear	418.90	119.50	2.85	400.36	88.13	2.20	(18.55)	(31.37)	(0.65)
5	Solar	1,789.00	882.61	4.93	1,023.73	484.37	4.73	(765.27)	(398.24)	(0.20)
6	Non Solar	392.00	141.82	3.62	376.12	150.68	4.01	(15.88)	8.86	0.39
7	Short Term	-	-	-	247.42	67.00	2.71	247.42	67.00	2.71
8	REC	-	10.83	-	-	-	-	-	(10.83)	-
9	Inter state transmission	-	276.79	-	-	288.40	-	-	11.61	-
10	Sale of surplus power	-	-	-	(21.71)	(8.27)	3.81	(21.71)	(8.27)	3.81
	Total	11,540.90	4,985.80	4.32	9,827.97	4,377.80	4.45	(1,712.93)	(608.00)	0.13

D. FAC computation for the month

S. No.	Particulars	Units	Month Jul-20
1.0	Calculation of Z_{FAC}		
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	132.01
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	-
1.3	Adjustment factor for over-recovery/under-recovery (B)	Rs. Crore	-
1.4	Z_{FAC} = F+C+B	Rs. Crore	132.01
2.0	Calculation of FAC Charge		
2.1	Energy Sales within the License Area	MU	8,338.53
2.2	Excess Distribution Loss	MU	413.40
2.3	Z _{FAC} per kWh [(1.3/2.1)*10]	Rs./kWh	0.16
3.0	Allowable FAC		
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	6.54
3.2	FAC allowable [1.4-3.1]	Rs. Crore	125.46

E. FAC leviable to Consumers

S. No.	Particulars	Units	Month Jul-20
1.0	Opening Balance of FAC Fund	Rs. Crore	(377.35)
2.0	FAC Allowable as computed in above table	Rs. Crore	125.46
3.0	Holding cost of Fund	Rs. Crore	(2.64)
4.0	Closing Balance of FAC Fund	Rs. Crore	(254.52)
5.0	FAC leviable/refundable to consumer	Rs. Crore	-

Maharashtra State Electricity Distribution Co. Ltd.
FAC Formats - Distribution
Filing for the month Jul-20
Financial Year

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Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
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					MSP			
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel	Reallocation of Coal - WCL Raw	Reallocation of Coal MCL Raw	Reallocation of Coal SECL raw	Reallocation of Coal SCCL raw
State Generating Stations											MMT	MMT	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	0.004	0.000	0.100	0.000
2	Bhusawal TPS	Bhusawal - 4	500	500	Coal	2.68	WCL,SECL	3.5	1.85		0.000	0.000	1.160	0.000
3	Bhusawal TPS	Bhusawal - 5	500	500	Coal	2.68	WCL,SECL				1.400	0.614	0.200	0.000
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	840	840	Coal	4.98	WCL, MCL, SECL	5	-0.04		1.017	0.165	0.200	0.000
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	Coal	2.68	WCL, MCL, SECL	2.31	0.36		0.600	0.000	0.000	0.000
6	Nashik TPS	Nashik- 3,4 & 5	630	420	Coal	3.68	WCL,SECL	3.07	0.6		10.170	0.000	0.000	0.000
7	Chandrapur TPS	Chandrapur - 3	210	210	Coal	1.20	WCL,SECL	12.8	-1.88					
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	2.5	0.24					
12	Paras TPS	Paras - 3	250	250	Coal	1.37	WCL							
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		0.150	0.000	0.000	0.600
15	Parli TPS	Parli - 7	250	250	Coal	1.37	WCL	2.19	-0.11		0.000	0.220	0.000	0.000
16	Koradi TPS	Koradi - 6	210	210	Coal	1.05	WCL, MCL, SECL							
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				
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	Hydro									
20	Parli TPS	Parli Replacement U 8	250	250	Coal	1.37	WCL,SCCL	1.71	-0.34		0.000	0.000	0.000	0.350
21	Chandrapur TPS	Chandrapur - 8	500	500	Coal	2.68	WCL	3.47	1.88		4.000	0.000	0.000	0.000
22	Chandrapur TPS	Chandrapur - 9	500	500	Coal	2.68	(Bridge							
23	Koradi TPS	Koradi R U-8	660	660	Coal	3.32	WCL, SCCL	6.18	3.76		5.670	0.000	0.000	0.600
24	Koradi TPS	Koradi 9	660	660	Coal	3.32	(Bridge							
25	Koradi TPS	Koradi 10	660	660	Coal	3.32	linkage)							
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														
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							

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S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					MSP			
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel	Reallocation of Coal - WCL Raw	Reallocation of Coal MCL Raw	Reallocation of Coal SECL raw	Reallocation of Coal SCCL raw
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- D)	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	800	114	Coal	3.59								
18	Gadarwara	Unit-I	800	25	Coal	2.96								
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	120000						
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	125	Coal	12.50	SECL/WCL/ MCL	4910000 MT (for 1180 MW) 5850000 MT (for remaining capacity)						
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	3300	1320	Coal									
5	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	1200	Coal									
6	Adani Power Maharashtra Limited 440	Unit 1, 4, 5	3300	440	Coal									
7	GMR Energy Limited	1	300	200	Coal	0.87	SECL	2600000						
8	RattanIndia Amravati Power station 450 MW	1 to 5	1320	450	coal	1.91	SECL	5490000						
9	RattanIndia Amravati Power station 750 MW	1 to 5	1320	750	coal	3.18								
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	540	240	Coal	1.17	M/s. Western Coalfields Limited, Nagpur	93000		Special Forward E-Auction				

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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	GCL			
			Washed coal	MoU coal	Imported coal	Net coal availability as per FUP
State Generating Stations			MMT	MMT	MMT	MMT
1	Bhusawal TPS	Bhusawal - 3	1.017	0.000	0.000	1.121
2	Bhusawal TPS	Bhusawal - 4	2.020	1.400	0.450	5.030
3	Bhusawal TPS	Bhusawal - 5				
4	Khaparkheda TPS	Khaparkheda - 1 to 4	2.634	0.000	0.260	5.108
5	Khaparkheda TPS	Khaparkheda - 5	1.081	0.000	0.300	2.763
6	Nashik TPS	Nashik- 3,4 & 5	1.700	0.750	0.150	3.200
7	Chandrapur TPS	Chandrapur - 3	1.256	0.000	0.000	11.426
8	Chandrapur TPS	Chandrapur - 4				
9	Chandrapur TPS	Chandrapur - 5				
10	Chandrapur TPS	Chandrapur - 6				
11	Chandrapur TPS	Chandrapur - 7	0.000	1.200	0.000	2.730
12	Paras TPS	Paras - 3				
13	Paras TPS	Paras - 4	0.000	2.200	0.000	2.950
14	Parli TPS	Parli - 6				
15	Parli TPS	Parli - 7	1.512	0.000	0.130	1.862
16	Koradi TPS	Koradi - 6				
17	Koradi TPS	Koradi - 7				1,89 MMSCM D
18	GTPS Uran	GTPS Uran				
19	MSPGCL Hydro	Hydro (Ghatghar)				
20	Parli TPS	Parli Replacement U 8	0.085	1.020	0.000	1.455
21	Chandrapur TPS	Chandrapur - 8	0.525	0.000	0.750	5.275
22	Chandrapur TPS	Chandrapur - 9				
23	Koradi TPS	Koradi R U-8	1.881	1.500	0.960	10.611
24	Koradi TPS	Koradi 9				
25	Koradi TPS	Koradi 10				
26	MSPGCL Under Case IV	MSPGCL Dhariwal				
27	Dodson	Dodson I				
28	Dodson	Dodson II				
Central Generating Stations						
1	KSTPS	Unit-I to VI				
2	KSTPS III	-				
3	VSTP I	Unit-I to VI				
4	VSTP II	Unit-I, II				
5	VSTP III	Unit-I, II				
6	VSTP IV	Unit-I, II				
7	VSTP V	Unit-I				

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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	GCL			
			Washed coal	MoU coal	Imported coal	Net coal availability as per FUP
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)				
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- D)				
10	KhSTPS-II	Unit-I to III				
11	SIPAT TPS 2	Unit-I, II				
12	SIPAT TPS 1	Unit-I to III				
13	Mauda I	Unit-I, II				
14	Mauda II	Unit-I, II				
15	NTPC Solapur 2	-				
16	NTPC Solapur	Unit-I, II				
17	Lara	Unit-I				
18	Gadarwara	Unit-I				
19	Khargone	Unit-I, II				
20	KAPP					
21	TAPP 1&2					
22	TAPP 3&4					
Independent Power Producers(IPP)						
1	JSW Ratnagiri	Unit 1				
2	CGPL Mundra	Unit 1 to 5 (5 Nos.)				
3	Adani Power Maharashtra Limited	Unit 1, 4, 5				
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3				
5	Adani Power Maharashtra Limited	Unit 1, 4, 5				
6	Adani Power Maharashtra Limited 440	Unit 1, 4, 5				
7	GMR Energy Limited	1				
8	RattanIndia Amravati Power station 450 MW	1 to 5				
9	RattanIndia Amravati Power station 750 MW	1 to 5				
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4				

Maharashtra State Electricity Distribution Co. Ltd.
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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
State														
1	Bhusawal TPS	Bhusawal - 3	210	210	187	Coal	80%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%
2	Bhusawal TPS	Bhusawal - 4	500	500	470	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3	Bhusawal TPS	Bhusawal - 5	500	500	470	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Khaparkhedha TPS	Khaparkhedha - 1	840	840	760	Coal	85%	59.92%	61.42%	62.37%	63.09%	61.50%	59.32%	60.24%
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	470	Coal	85%	0.00%	0.42%	74.61%	83.16%	88.98%	93.55%	83.35%
6	Nashik TPS	Nashik- 3	210	210		Coal	80%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%
		Nashik- 4	210	210		Coal	80%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%
		Nashik- 5	210	210		Coal	80%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%
7	Chandrapur TPS	Chandrapur - 3	210	210	192	Coal	80%	88.66%	87.85%	86.06%	71.06%	48.76%	0.00%	0.00%
8	Chandrapur TPS	Chandrapur - 4	210	210	192	Coal	80%	78.93%	78.29%	76.44%	73.34%	52.12%	54.75%	72.40%
9	Chandrapur TPS	Chandrapur - 5	500	500	457	Coal	80%	81.32%	83.22%	80.21%	84.03%	85.90%	86.08%	80.64%
10	Chandrapur TPS	Chandrapur - 6	500	500	457	Coal	80%	86.80%	67.79%	0.00%	0.00%	55.30%	90.20%	87.71%
11	Chandrapur TPS	Chandrapur - 7	500	500	457	Coal	80%	80.51%	87.17%	86.93%	83.13%	75.92%	90.20%	81.48%
12	Paras TPS	Paras - 3	250	250	227	Coal	85%	81.90%	94.49%	85.28%	80.98%	100.11%	100.11%	83.09%
13	Paras TPS	Paras - 4	250	250	227	Coal	85%	87.76%	85.24%	97.10%	91.66%	100.11%	100.11%	98.18%
14	Parli TPS	Parli - 6	250	250	227	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
15	Parli TPS	Parli - 7	250	250	227	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
16	Koradi TPS	Koradi - 6	210	210	187	Coal	72%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%
17	Koradi TPS	Koradi - 7	210	210	187	Coal	72%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%
18	GTPS Uran	GTPS Uran	672	672	672	Gas	85%	20.02%	20.04%	18.90%	18.55%	17.90%	17.44%	17.63%
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585		Hydro	90%							
20	Parli TPS	Parli Replacemen	250	250	250	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
21	Chandrapur TPS	Chandrapur - 8	500	500	470	Coal	85%	88.72%	88.24%	88.47%	88.45%	90.00%	90.91%	86.99%
22	Chandrapur TPS	Chandrapur - 9	500	500	470	Coal	85%	88.55%	87.70%	90.93%	54.07%	0.00%	0.00%	24.99%
23	Koradi TPS	Koradi R U-8	660	660	589	Coal	85%	83.98%	83.98%	83.98%	83.98%	83.98%	83.98%	83.98%
24	Koradi TPS	Koradi 9	660	660	589	Coal	85%	71.90%	47.25%	71.19%	62.76%	67.76%	72.70%	73.64%
25	Koradi TPS	Koradi10	660	660	589	Coal	85%	63.68%	68.36%	65.08%	59.07%	53.34%	65.43%	67.00%
26	MSPGCL Under Case IV	MSPGCL Dhariw	0	185	185	Coal								
27	Dodson	Dodson I	12	12		Hydro								
28	Dodson	Dodson II	34	34		Hydro								
Central Generating Stations														
1	KSTPS	Unit-I to VI	2100	635	592.46	Coal	85%	93.31%	93.31%	93.31%	93.31%	93.31%	93.31%	93.31%
2	KSTPS III	-	500	120	113.67	Coal	85%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%
3	VSTP I	Unit-I to VI	1260	432	395.44	Coal	85%	86.86%	83.94%	53.86%	51.14%	78.23%	86.05%	85.56%
4	VSTP II	Unit-I, II	1000	336	313.74	Coal	85%	93.56%	92.23%	51.54%	52.64%	74.42%	93.56%	93.56%
5	VSTP III	Unit-I, II	1000	275	259.25	Coal	85%	91.04%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%

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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
6	VSTP IV	Unit-I, II	1000	294	278.03	Coal	85%	95.07%	95.07%	95.07%	95.07%	92.27%	46.07%	46.14%
7	VSTP V	Unit-I	500	161	150.19	Coal	85%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%
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	645	204	199.27	Gas	85%	97.38%	97.38%	97.36%	96.92%	96.92%	96.92%	96.92%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV	648	200	194.89	Gas	85%	64.95%	70.42%	63.67%	68.48%	93.70%	97.10%	97.41%
10	KhSTPS-II	Unit-I to III	1500	148	138.8	Coal	85%	80.00%	78.58%	78.61%	78.20%	87.37%	90.53%	79.82%
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	258.38	Coal	85%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	526.55	Coal	85%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%
13	Mauda I	Unit-I, II	1000	394	371.78	Coal	85%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%
14	Mauda II	Unit-I, II	1320	531	501.22	Coal	85%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%
15	NTPC Solapur 2	-	-	-	-	Coal	85%	-	-	-	-	-	-	-
16	NTPC Solapur	Unit-I, II	1320	642	609.82	Coal	85%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%
17	Lara	Unit-I	800	114 (137.39)	127.67	Coal	85%	93.63%	93.63%	93.63%	93.63%	93.63%	93.63%	93.63%
18	Gadarwara	Unit-I	800	25 (47.29)	43	Coal	85%	96.22%	96.22%	96.22%	96.22%	91.95%	93.42%	93.42%

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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
19	Khargone	Unit-I, II	1320	50 (86.78)	81.2322	Coal	85%	93.95%	93.95%	93.95%	93.95%	93.95%	92.24%	93.16%
20	KAPP		440	152		Nuclear		51.26%	43.94%	43.94%	43.94%	43.94%	43.94%	43.26%
21	TAPP 1&2		320	160		Nuclear		43.44%	44.06%	44.06%	44.06%	44.06%	43.75%	43.75%
22	TAPP 3&4		1080	393 (439.4)		Nuclear		91.19%	91.19%	91.19%	91.19%	91.19%	91.19%	91.19%
	Total													
IPPs														
1	JSW Ratnagiri	Unit 1	300	300	290	Imported Coal	80%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%
2	CGPL Mundra	Unit 10 to 50	4000	760	760	Imported Coal	80%	98.16%	97.93%	96.32%	97.38%	97.88%	98.16%	98.16%
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	3300	125	125	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	3300	1200	1200	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	3300	1320	1320	Coal	80%	91.29%	91.29%	93.09%	92.93%	93.86%	93.86%	91.95%
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5	3300	440	440	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
7	GMR Energy Limited	Unit 1	300	200	200	Coal	85%	100.00%	100.00%	94.00%	100.00%	100.00%	100.00%	100.00%
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	1320	450	1200	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	1320	750		Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	540	240	240	Coal	85%	0.00%	0.00%	0.00%	0.00%	87.94%	97.69%	100.00%

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S. No.	Name of Station	Name of Unit	Actual Availability for the Day 8	Actual Availability for the Day 9	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
6	VSTP IV	Unit-I, II	83.51%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	94.15%	58.47%	47.39%
7	VSTP V	Unit-I	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%
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	97.11%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.83%	96.92%	96.92%	96.92%	96.92%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV	97.42%	94.13%	92.58%	92.51%	89.13%	84.53%	92.67%	92.07%	84.34%	90.15%	93.46%	93.78%
10	KhSTPS-II	Unit-I to III	79.26%	79.40%	78.33%	80.89%	86.50%	83.38%	75.23%	67.31%	55.57%	62.82%	64.95%	55.12%
11	SIPAT TPS 2	Unit-I, II	92.48%	46.85%	65.19%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%
12	SIPAT TPS 1	Unit-I to III	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%
13	Mauda I	Unit-I, II	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%
14	Mauda II	Unit-I, II	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%
15	NTPC Solapur 2	-												
16	NTPC Solapur	Unit-I, II	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%
17	Lara	Unit-I	93.63%	93.63%	93.63%	93.63%	93.63%	93.63%	93.63%	90.79%	93.63%	93.63%	93.63%	93.63%
18	Gadarwara	Unit-I	85.60%	63.93%	93.42%	87.39%	82.74%	33.46%	0.00%	55.98%	93.42%	93.42%	93.42%	93.42%

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S. No.	Name of Station	Name of Unit	Actual Availability for the Day 8	Actual Availability for the Day 9	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
19	Khargone	Unit-I, II	93.95%	72.50%	46.97%	41.88%	0.00%	0.00%	0.00%	2.03%	24.60%	41.52%	43.58%	46.72%
20	KAPP		43.26%	54.33%	54.20%	81.49%	87.87%	87.87%	87.87%	87.87%	87.87%	87.87%	87.87%	89.00%
21	TAPP 1&2		43.75%	43.75%	43.44%	43.13%	43.13%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	TAPP 3&4		91.19%	91.19%	91.19%	90.73%	89.71%	89.42%	87.02%	91.19%	91.19%	91.19%	91.19%	91.19%
	Total													
IPPs														
1	JSW Ratnagiri	Unit 1	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%
2	CGPL Mundra	Unit 10 to 50	98.16%	101.54%	95.08%	98.16%	101.84%	101.84%	99.39%	98.16%	97.37%	97.45%	101.84%	98.57%
3	Adani Power Maharashtra Limited 125MW PPA	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%
5	Adani Power Maharashtra Limited 1200 MW PPA	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%
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	93.18%	89.77%	90.28%	93.86%	93.86%	84.39%	47.12%	45.08%	45.08%	83.56%	93.18%	88.79%
6	Adani Power Maharashtra Limited 440 MW PPA	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%
7	GMR Energy Limited	Unit 1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	89.00%	87.00%	99.00%
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 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%
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	97.50%	97.50%	97.50%	97.92%	97.92%	98.33%	98.33%	98.75%	99.17%	100.00%	100.00%	100.00%

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State														
1	Bhusawal TPS	Bhusawal - 3	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%
2	Bhusawal TPS	Bhusawal - 4	96.31%	90.86%	91.26%	94.05%	94.22%	94.67%	100.00%	98.23%	93.92%	94.57%	92.90%	96.49%
3	Bhusawal TPS	Bhusawal - 5	100.00%	100.00%	100.00%	85.48%	98.16%	87.41%	100.00%	97.70%	92.58%	87.55%	86.33%	89.79%
4	Khaparkhedha TPS	Khaparkhedha - 1	41.36%	39.31%	50.42%	59.68%	64.75%	61.94%	63.79%	61.94%	62.73%	62.22%	63.49%	62.47%
5	Khaparkhedha TPS	Khaparkhedha - 5	91.82%	77.03%	83.17%	80.93%	75.42%	79.56%	86.62%	90.59%	95.64%	86.50%	86.39%	91.26%
6	Nashik TPS	Nashik- 3	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%
		Nashik- 4	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%	94.44%
		Nashik- 5	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%	98.71%
7	Chandrapur TPS	Chandrapur - 3	0.00%	0.00%	0.00%	0.49%	27.33%	82.98%	75.26%	56.89%	86.17%	84.23%	9.28%	0.00%
8	Chandrapur TPS	Chandrapur - 4	70.54%	76.44%	76.44%	71.99%	73.23%	76.89%	69.68%	77.23%	76.78%	76.78%	76.78%	76.78%
9	Chandrapur TPS	Chandrapur - 5	72.20%	71.90%	70.87%	72.45%	79.46%	78.19%	75.47%	80.92%	83.28%	76.92%	79.58%	77.22%
10	Chandrapur TPS	Chandrapur - 6	77.82%	77.21%	75.52%	74.08%	80.50%	80.82%	71.72%	81.93%	80.59%	82.47%	74.78%	75.27%
11	Chandrapur TPS	Chandrapur - 7	84.60%	76.99%	73.26%	72.99%	80.10%	73.77%	75.19%	78.49%	74.16%	69.81%	73.79%	71.76%
12	Paras TPS	Paras - 3	83.21%	93.55%	64.73%	78.90%	77.66%	87.73%	100.11%	95.22%	98.44%	88.08%	98.46%	88.66%
13	Paras TPS	Paras - 4	80.26%	92.36%	57.23%	79.25%	81.20%	90.45%	81.29%	82.76%	86.22%	87.73%	83.89%	83.52%
14	Parli TPS	Parli - 6	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
15	Parli TPS	Parli - 7	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
16	Koradi TPS	Koradi - 6	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%	81.69%
17	Koradi TPS	Koradi - 7	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%	76.88%
18	GTPS Uran	GTPS Uran	16.91%	17.05%	17.07%	17.06%	17.20%	17.43%	17.49%	17.11%	17.08%	16.83%	16.98%	16.88%
19	MSPGCL Hydro	Hydro (Ghatghar)												
20	Parli TPS	Parli Replacement	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
21	Chandrapur TPS	Chandrapur - 8	79.79%	80.76%	85.10%	84.14%	86.89%	84.17%	91.81%	91.46%	89.29%	73.17%	90.61%	88.96%
22	Chandrapur TPS	Chandrapur - 9	84.08%	81.62%	85.52%	83.24%	84.58%	81.85%	91.81%	92.99%	94.01%	88.31%	87.84%	92.11%
23	Koradi TPS	Koradi R U-8	72.81%	80.35%	72.92%	76.85%	61.34%	64.80%	69.33%	77.61%	78.91%	77.58%	81.49%	70.10%
24	Koradi TPS	Koradi 9	65.89%	70.50%	69.90%	76.89%	54.41%	45.94%	53.12%	69.10%	68.53%	71.91%	63.40%	73.42%
25	Koradi TPS	Koradi 10	55.11%	55.99%	51.72%	63.13%	51.32%	49.10%	59.16%	67.08%	37.78%	0.00%	0.00%	0.00%
26	MSPGCL Under Case IV	MSPGCL Dhariw												
27	Dodson	Dodson I												
28	Dodson	Dodson II												
Central Generating Stations														
1	KSTPS	Unit-I to VI	93.31%	93.31%	93.31%	93.31%	93.31%	93.31%	93.31%	93.31%	92.42%	93.31%	93.31%	93.31%
2	KSTPS III	-	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%
3	VSTP I	Unit-I to VI	85.89%	87.80%	87.64%	85.49%	86.72%	87.29%	86.55%	84.93%	85.91%	86.41%	85.42%	85.60%
4	VSTP II	Unit-I, II	51.95%	46.78%	38.26%	46.78%	46.78%	46.41%	45.07%	44.29%	45.47%	69.90%	46.78%	47.65%
5	VSTP III	Unit-I, II	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.43%	94.50%	94.50%	94.50%	94.50%

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6	VSTP IV	Unit-I, II	69.67%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	94.96%	94.86%
7	VSTP V	Unit-I	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	92.68%	93.56%	93.74%	93.74%	93.74%	93.74%
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	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%	96.92%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV	94.54%	95.31%	95.33%	95.31%	95.34%	95.26%	95.48%	95.54%	95.48%	95.30%	95.25%	95.35%
10	KhSTPS-II	Unit-I to III	54.18%	55.10%	52.90%	53.35%	51.82%	50.50%	53.55%	54.69%	55.34%	55.35%	55.35%	55.35%
11	SIPAT TPS 2	Unit-I, II	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%
12	SIPAT TPS 1	Unit-I to III	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	88.51%
13	Mauda I	Unit-I, II	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%
14	Mauda II	Unit-I, II	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	90.81%
15	NTPC Solapur 2	-												
16	NTPC Solapur	Unit-I, II	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%
17	Lara	Unit-I	93.63%	93.63%	93.63%	93.63%	93.63%	93.63%	93.63%	93.50%	93.63%	93.63%	93.63%	93.63%
18	Gadarwara	Unit-I	93.42%	93.42%	93.42%	89.56%	82.51%	93.42%	92.90%	80.96%	92.79%	93.22%	87.95%	93.42%

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
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Form 2: Station wise normative Vs actual Available

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Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Actual Availability for the month (%)	Actual Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
State						
1	Bhusawal TPS	Bhusawal - 3	99.47%		--	
2	Bhusawal TPS	Bhusawal - 4	97.52%		--	
3	Bhusawal TPS	Bhusawal - 5	97.58%		--	
4	Khaparkhedha TPS	Khaparkhedha - 1	59.84%		MERC Availability was not achieved due to losses on External Factors like PCQ, Backing Down as per LD, etc &. U#2 Tripped on Generator Rotor Earth fault.	
5	Khaparkhedha TPS	Khaparkhedha - 5	80.54%		Due to Forced Outage=23.642MUs (BTL), Partial Loss=67.198MUs (PCQ-18.05MUs, Wet Coal-14.905MUs, LDBD-13.243MUs, Ex. PCQ-18.825MUS, CHP Problem-0.560MUs. Set Stabilization-1.615MUs)	
6	Nashik TPS	Nashik- 3	97.11%		Low System Demand	
		Nashik- 4	94.44%		Low System Demand	
		Nashik- 5	98.71%		Tolling of Coal to IPP under CASE -IV	
7	Chandrapur TPS	Chandrapur - 3	52.58%		BTL, PA Fan Problem, Wet Coal Problem	
8	Chandrapur TPS	Chandrapur - 4	74.43%		Duct Leakages, Wet Coal Problem	
9	Chandrapur TPS	Chandrapur - 5	78.66%		Wet Coal Problem	
10	Chandrapur TPS	Chandrapur - 6	75.27%		BTL, Wet Coal Problem	
11	Chandrapur TPS	Chandrapur - 7	79.04%		Wet Coal Problem	
12	Paras TPS	Paras - 3	88.15%			
13	Paras TPS	Paras - 4	87.15%			
14	Parli TPS	Parli - 6	100.00%			
15	Parli TPS	Parli - 7	100.00%			
16	Koradi TPS	Koradi - 6	81.69%		RSD	
17	Koradi TPS	Koradi - 7	76.88%		RSD	
18	GTPS Uran	GTPS Uran	17.60%		GT-5,GT-7, GT-8 & B0 unit were unavailable during the month.	
19	MSPGCL Hydro	Hydro (Ghatghar)				
20	Parli TPS	Parli Replacement	100.00%			
21	Chandrapur TPS	Chandrapur - 8	86.42%			
22	Chandrapur TPS	Chandrapur - 9	78.44%		Turbine Barring problem, Wet Coal Problem	
23	Koradi TPS	Koradi R U-8	77.07%			
24	Koradi TPS	Koradi 9	68.43%			
25	Koradi TPS	Koradi10	54.20%			
26	MSPGCL Under Case IV	MSPGCL Dhariw				
27	Dodson	Dodson I				
28	Dodson	Dodson II				
Central Generating Stations			Maharashtra's share	Plant Availability as per REA		
1	KSTPS	Unit-I to VI	93.28%	103.43%		
2	KSTPS III	-	95.33%	102.00%		
3	VSTP I	Unit-I to VI	83.61%	91.14%		
4	VSTP II	Unit-I, II	72.35%	80.38%	U-1 under forced outage From 20-07-2020 @01:32HrsTo28-07-2020 @21:28Hrs and U-2 under forced outage From 29-07-2020 @14:00HrsTo31-07-2020 @21:40Hrs	
5	VSTP III	Unit-I, II	94.39%	102.90%		

Maharashtra State Electricity Distribution Co. Ltd.
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Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Actual Average Availability for the month (%)	Actual Average Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
6	VSTP IV	Unit-I, II	87.87%	94.99%	U-2 under forced outage From 05-07-2020 @22:57HrsTo08-07-2020 @03:36Hrs and From 18-07-2020 @04:49HrsTo20-07-2020 @10:50Hrs	
7	VSTP V	Unit-I	93.70%	103.01%		
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	96.97%	99.55%	GT-1A & 1B under RSD from 11.07.2020 & 10.07.2020 resp & GT-2A, GT-2B & GT-2C under RSD from 15.07.2020, 21.06.2020 & 15.07.2020 resp.	
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV	90.19%	92.57%	GT2 under RSD from 18.07.2020	
10	KhSTPS-II	Unit-I to III	67.40%	73.02%		
11	SIPAT TPS 2	Unit-I, II	91.94%	98.06%	U-2 under forced outage from 31.07.2020 @ 17:34 Hrs onward	
12	SIPAT TPS 1	Unit-I to III	95.01%	101.05%		
13	Mauda I	Unit-I, II	94.73%	100.98%	Unit-I under RSD from 24.03.2020 to 13.06.2020 upto 13.06 Hrs and again from From 19-06-2020 @00:32HrsTo24-06-2020 @18:13Hrs. Unit-2 under RSD From 23-03-2020 @12:38HrsTo25-07-2020 @21:32Hrs	
14	Mauda II	Unit-I, II	94.63%	100.35%	Unit-I under RSD from From 25-03-2020 @23:45HrsTo25-06-2020 @18:24Hrs and Unit-2 under RSD From 26-03-2020 @00:23HrsTo28-07-2020 @10:02Hrs & under forced outage from 31.07.2020 % 21	
15	NTPC Solapur 2	-		0.00%		
16	NTPC Solapur	Unit-I, II	95.29%	100.00%		
17	Lara	Unit-I	93.54%	101.55%	U-1 under forced outage From 29-05-2020 @18:34HrsTo02-06-2020 @02:45Hrs and converted to RSD due to less schedule from other beneficiaries from 02-06-2020 @02:45Hrs to 15-07-2020	
18	Gadarwara	Unit-I	84.74%	90.96%	Under RSD From 24-02-2020 @12:58HrsTo05-07-2020 @00:54Hrs and From 08-07-2020 @20:17HrsTo09-07-2020 @06:13Hr. Under forced outage From 13-07-2020 @09:11HrsTo15-07-2020	

Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Jul-20
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Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Actual Average Availability for the month (%)	Actual Average Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
19	Khargone	Unit-I, II	50.50%	54.10%	U-1 under RSD From 11-05-2020 @18:51HrsTo05-07-2020 @14:47Hrs .U-1 under forced outage From 09-07-2020 @11:37HrsTo15-07-2020 @18:46Hrs and From 27-07-2020 @02:21HrsTo27-07-2020 @19:30Hrs and From 29-07-2020 @12:27HrsTo29-07-2020 @18:18Hrs. Unit-2 under RSD From 04-04-2020 @00:00HrsTo11-07-2020 @01:11Hrs	
20	KAPP		74.81%		U-2 under forced outage From 30-06-2020 @15:23 Hrs onward	
21	TAPP 1&2		17.21%		U-1 under planed outage From 08-01-2020 @10:37Hrs onward and U-2 under foreced outage from 13-07-2020 @ 4:38 onward	
22	TAPP 3&4		90.93%			
	Total					
IPPs						
1	JSW Ratnagiri	Unit 1	95.33%			
2	CGPL Mundra	Unit 10 to 50	98.82%			
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	100.00%		U-1 under zero schedule From 03-06-2020 @15.02Hrs onward. U-4 under Zero schedule From 12-06-2020 @10.3Hrs onward and U-5 under zero schedule From Less DC due to coal quality & U-3 under foreced outage From 13-07-2020 @20.08HrsTo17-07-2020 @2.2Hrs	
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	100.00%			
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	87.63%			
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5	100.00%			
7	GMR Energy Limited	Unit 1	95.81%		U-1 under foreced outage from 08:00 Hrs of 27.07.2020 to 23:25 Hrs of 28-08-2020	
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	100.00%			
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	100.00%			
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	98.54%		PPA commenced from 05-07-2020	

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
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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	103575.05	35664	414777	Maintained the minimum coal stock considering possibility of scheduling.	
2	Bhusawal TPS	Bhusawal - 4	500	500	223285.98	35664	414777		
3	Bhusawal TPS	Bhusawal - 5	500	500	223285.98				
4	Khaparkheda TPS	Khaparkheda - 1 to	840	840	415396.55	245585	494130		
5	Khaparkheda TPS	Khaparkheda - 5	500	500	223285.98	242429	436487		
6	Nashik TPS	Nashik- 3,4 & 5	630	420	307045.96	0	223220	Maintained the minimum coal stock considering possibility of scheduling.. Also one unit at Nashik under Case IV coal tolling. Hence actual coal requirement will be for only two units, even	
7	Chandrapur TPS	Chandrapur - 3	210	210	99895.85	582540	1264073		
8	Chandrapur TPS	Chandrapur - 4	210	210	99895.85				
9	Chandrapur TPS	Chandrapur - 5	500	500	237847.27				
10	Chandrapur TPS	Chandrapur - 6	500	500	237847.27				
11	Chandrapur TPS	Chandrapur - 7	500	500	237847.27				
12	Paras TPS	Paras - 3	250	250	114228.41	149791	418006		
13	Paras TPS	Paras - 4	250	250	114228.41				
14	Parli TPS	Parli - 6	250	250	114228.41	0	167606	Maintained the minimum coal stock considering possibility	
15	Parli TPS	Parli - 7	250	250	114228.41				
16	Koradi TPS	Koradi - 6	210	210	87698.75	0	145485	Maintained the minimum coal stock considering possibility	
17	Koradi TPS	Koradi - 7	210	210	87698.75				
18	GTPS Uran	GTPS Uran	672	672	-	23306372	23306372		
19	MSPGCL Hydro	Hydro (Ghatghar)	2585	2,585	-	0	0		
20	Parli TPS	Parli Replacement U	250	250	114228.41	0	73926		
21	Chandrapur TPS	Chandrapur - 8	500	500	223285.98	327885	453862		
22	Chandrapur TPS	Chandrapur - 9	500	500	223285.98				
23	Koradi TPS	Koradi R U-8	660	660	276743.00	413790	898229		
24	Koradi TPS	Koradi 9	660	660	276743.00				
25	Koradi TPS	Koradi10	660	660	276743.00				
26	MSPGCL Under Case	MSPGCL Dhariwal	0	185					
27	Dodson	Dodson I	12	12					
28	Dodson	Dodson II	34	34					
Central Generating Stations									
1	KSTPS	Unit-I to VI	2100	635	887392.41	1101871	1738467		
2	KSTPS III	-	500	120	207113.08				
3	VSTP I	Unit-I to VI	1260	432	631705.40	1956291	2729085		
4	VSTP II	Unit-I, II	1000	336	482755.99				
5	VSTP III	Unit-I, II	1000	275	478636.47				
6	VSTP IV	Unit-I, II	1000	294	472396.17				
7	VSTP V	Unit-I	500	161	238744.70				
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-I D)	645	204		0	0		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		0	0		
10	KhSTPS-II	Unit-I to III	1500	148	784201.54	782061	1627342		
11	SIPAT TPS 2	Unit-I, II	1,000	274	415830.09	1181297	1847528		
12	SIPAT TPS 1	Unit-I to III	1,980	556	798326.33				
13	Mauda I	Unit-I, II	1000	394	485802.59	130454	1181255		
14	Mauda II	Unit-I, II	1320	531	553958.52				
15	NTPC Solapur 2	-	-		-				
16	NTPC Solapur	Unit-I, II	1320	642	544286.41	47758	763729		
17	Lara	Unit-I	800	114	336321.95	162800	543810		
18	Gadarwara	Unit-I	800	25	321784.20	104314	401422		
19	Khargone	Unit-I, II	1320	50	512654.03	23190	505411		
20	KAPP		440	152					
21	TAPP 1&2		320	160					
22	TAPP 3&4		1080	393					
IPPs									
1	JSW Ratnagiri	Unit 1	300	300	80271.73	138760	138760	NA	NA

Maharashtra State Electricity Distribution Co. Ltd.
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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
2	CGPL Mundra	Unit 10 to 50	4000	760	181955.42	0	0	NA	NA
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	125	1061226	513717	1079818	NA	NA
4	Adani Power Maharashtra Limited	Unit No. 2 to 3	3300	1320					
5	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	1200					
6	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	440					
7	GMR Energy Limited	Unit 1	300	200	74049.33	207232.59	271394.59		
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	1320	450	162014.30	0	0	NA	NA
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	1320	750	270023.83				
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	540	240	103333.33	108298	177219		

Maharashtra State Electricity Distribution Co. Ltd.
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Form 4: Implementation of Fuel Utilisation Plan

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	103575.055	414777	3.915	0%		
2	Bhusawal TPS	Bhusawal - 4	223285.985	414777	2.799	28%		
3	Bhusawal TPS	Bhusawal - 5	223285.985					
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	415396.545	494130	2.686	56%		
5	Khaparkhedha TPS	Khaparkhedha - 5	223285.985	436487	2.409	76%		
6	Nashik TPS	Nashik- 3,4 & 5	307045.964	223220	3.394	0%		
7	Chandrapur TPS	Chandrapur - 3	99895.855	1264073	2.357	72.14%		
8	Chandrapur TPS	Chandrapur - 4	99895.855					
9	Chandrapur TPS	Chandrapur - 5	237847.273					
10	Chandrapur TPS	Chandrapur - 6	237847.273					
11	Chandrapur TPS	Chandrapur - 7	237847.273					
12	Paras TPS	Paras - 3	114228.409	418006	2.443	78%		
13	Paras TPS	Paras - 4	114228.409					
14	Parli TPS	Parli - 6	114228.409	167606	4.000	0%		
15	Parli TPS	Parli - 7	114228.409					
16	Koradi TPS	Koradi - 6	87698.749	145485	3.136	0%		
17	Koradi TPS	Koradi - 7	87698.749					
18	GTPS Uran	GTPS Uran	-	23306372	1.787	18%		
19	MSPGCL Hydro	Hydro (Ghatghar)	-	0				
20	Parli TPS	Parli Replacement U 8	114228.409	73926	3.830	0%		
21	Chandrapur TPS	Chandrapur - 8	223285.985	453862	2.248	79%		
22	Chandrapur TPS	Chandrapur - 9	223285.985					
23	Koradi TPS	Koradi R U-8	276743.000	898229	2.524	53%		
24	Koradi TPS	Koradi 9	276743.000					
25	Koradi TPS	Koradi10	276743.000					
26	MSPGCL Under Case IV	MSPGCL Dhariwal						
27	Dodson	Dodson I						
28	Dodson	Dodson II						
Central Generating Stations								
1	KSTPS	Unit-I to VI	887392.41	1738467	1.343	99.79%		
2	KSTPS III	-	207113.08		1.306	93.97%		
3	VSTP I	Unit-I to VI	631705.40	2729085	1.683	88.98%		
4	VSTP II	Unit-I, II	482755.99		1.621	76.10%		
5	VSTP III	Unit-I, II	478636.47		1.608	98.59%		
6	VSTP IV	Unit-I, II	472396.17		1.589	91.57%		
7	VSTP V	Unit-I	238744.70		1.639	97.55%		
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 : 1.998 N-APM : 2.438 RLNG : 0	11.59%		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)		0	APM : 2.005 RLNG : 4.389	43.16%		
10	KhSTPS-II	Unit-I to III	784201.54	1627342	1.996	65.94%		
11	SIPAT TPS 2	Unit-I, II	415830.09	1847528	1.406	96.78%		
12	SIPAT TPS 1	Unit-I to III	798326.33		1.364	99.29%		
13	Mauda I	Unit-I, II	485802.59	1181255	2.763	20.96%		
14	Mauda II	Unit-I, II	553958.52		2.846	9.54%		

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Form 4: Implementation of Fuel Utilisation Plan

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	%		
15	NTPC Solapur 2	-	-			0.00%		
16	NTPC Solapur	Unit-I, II	544286.41	763729	2.838	14.29%		
17	Lara	Unit-I	336321.95	543810	2.076	48.92%		
18	Gadarwara	Unit-I	321784.20	401422	2.497	61.13%		
19	Khargone	Unit-I, II	512654.03	505411	2.579	23.23%		
20	KAPP				2.2874			
21	TAPP 1&2				2.4143			
22	TAPP 3&4				3.3909			
IPPs								
1	JSW Ratnagiri	Unit 1	80271.73	1,38,760	2.377	85.86%		
2	CGPL Mundra	Unit 10 to 50	181955.42	0	1.9691	93.59%		
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	1061225.93	10,79,818	2.4293	0.00%		
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3			1.8022	80.68%		
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5			2.4293	0.00%		
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5			2.4893	0.00%		
7	GMR Energy Limited	Unit 1	74049.33	2,71,395	2.3854	85.69%		
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	162014.30	0	0	0.00%		
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	270023.83			0.00%		
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	103333.33	1,77,219	2.6094	84.91%		

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Form 5: MoD Operations of the Contracted Sources

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Normative Availability as per PPA	Variable Rate as per MoD stack approved by SLDC	Normative Daily Net Generation	Actual Net Generation for the Day 1	Actual Net Generation for the Day 2	Actual Net Generation for the Day 3	Actual Net Generation for the Day 4	Actual Net Generation for the Day 5	Actual Net Generation for the Day 6	Actual Net Generation for the Day 7	Actual Net Generation for the Day 8	Actual Net Generation for the Day 9
State Generating Stations																
1	Bhusawal TPS	Bhusawal - 3	210	210	80%	3.4208	4.49	-0.05	-0.05	-0.04	-0.05	-0.05	-0.05	-0.04	-0.04	-0.05
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	2.8456	11.28	-0.09	-0.09	-0.08	-0.09	-0.09	-0.09	-0.10	-0.09	-0.07
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	2.8456	11.28	-0.04	-0.04	-0.04	-0.04	-0.03	-0.05	-0.04	-0.04	-0.04
4	Khaparkhedha TPS	Khaparkhedha - 1	840	840	85%	2.2186	3.87	3.29	3.05	3.18	3.26	2.95	2.71	3.19	3.38	3.18
		Khaparkhedha - 2				2.2186	3.87	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
		Khaparkhedha - 3				2.2186	3.87	3.04	3.41	3.67	3.65	3.48	3.41	3.35	1.49	2.41
		Khaparkhedha - 4				2.2186	3.87	3.72	3.83	3.97	3.93	3.63	3.56	3.71	3.65	3.84
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	85%	2.0075	9.59	-0.20	-0.19	8.00	8.76	8.54	8.85	8.56	8.61	10.04
6	Nashik TPS	Nashik- 3	630	420	80%	3.5919	0.89	-0.02	-0.01	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
		Nashik- 4				3.5919	0.89	-0.02	-0.01	-0.02	-0.03	-0.02	-0.01	-0.01	-0.01	-0.03
		Nashik- 5				3.5919	0.89	-0.02	-0.01	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	0.00
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	2.4255	4.65	3.70	3.79	3.77	3.01	1.75	-0.07	-0.04	0.70	3.67
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	2.4255	4.65	3.51	3.50	3.43	3.10	2.17	2.38	3.21	3.37	3.47
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	2.4255	11.06	8.28	8.66	8.56	8.62	8.16	7.88	8.02	7.76	8.37
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	2.4255	11.06	8.45	6.69	-0.29	-0.26	5.08	7.92	8.58	8.21	8.56
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	2.4255	11.06	8.13	8.92	9.16	8.63	7.96	7.90	8.17	8.10	8.24
12	Paras TPS	Paras - 3	250	250	85%	2.6250	5.44	3.90	4.42	4.36	4.27	4.16	4.17	3.78	3.71	4.32
13	Paras TPS	Paras - 4	250	250	85%	2.6250	5.44	4.29	3.96	4.89	4.70	4.23	4.15	4.50	4.03	3.91
14	Parli TPS	Parli - 6	250	250	85%	3.0096	5.44	-0.02	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	-0.01
15	Parli TPS	Parli - 7	250	250	85%	3.0096	5.44	-0.02	-0.02	-0.03	-0.02	-0.03	-0.02	-0.02	-0.03	-0.03
16	Koradi TPS	Koradi - 6	210	210	72%	3.2391	4.50	-0.04	-0.04	-0.04	-0.04	-0.04	-0.02	-0.05	-0.04	-0.04
17	Koradi TPS	Koradi - 7	210	210	72%	3.2391	4.50	-0.03	-0.03	-0.03	-0.03	-0.03	-0.01	-0.04	-0.03	-0.03
18	GTPS Uran	GTPS Uran	672	672	85%	1.7928	7.58	3.09	3.11	2.93	2.85	2.74	2.70	2.72	2.67	2.71
19	MSPGCL Hydro	Hydro (Ghatghar)	2585	2585	90%	0.0000										
20	Parli TPS	Parli Replacement U 8	250	250	85%	2.9833	5.49	-0.03	-0.02	-0.03	-0.03	-0.02	-0.02	-0.02	-0.03	-0.02
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.3151	11.28	8.83	9.54	9.61	9.65	8.29	8.44	8.86	8.52	9.35
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.3151	11.28	8.86	9.64	9.91	5.61	-0.15	-0.14	2.37	8.79	9.18
23	Koradi TPS	Koradi R U-8	660	660	85%	2.7655	14.89	-0.16	-0.27	-0.21	-0.13	-0.01	0.00	-0.11	-0.10	-0.11
24	Koradi TPS	Koradi 9	660	660	85%	2.7655	14.89	10.23	6.70	10.46	9.08	9.86	10.37	10.43	10.53	11.06
25	Koradi TPS	Koradi10	660	660	85%	2.7655	14.89	9.34	9.78	9.51	8.58	7.74	9.50	9.84	9.90	10.17
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185												
27	Dodson	Dodson I	12	12												
28	Dodson	Dodson II	34	34												
Central Generating Stations																
1	KSTPS	Unit-I to VI	2100	635	85%	1.5697										
2	KSTPS III	-	500	120	85%	1.5373										
3	VSTP I	Unit-I to VI	1260	432	85%	1.8230										
4	VSTP II	Unit-I, II	1000	336	85%	1.7341										
5	VSTP III	Unit-I, II	1000	275	85%	1.7146										
6	VSTP IV	Unit-I, II	1000	294	85%	1.6920										
7	VSTP V	Unit-I	500	161	85%	1.7590										
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)	645	204		APM: 2.0592 NAPM: 2.0981 RLNG: 4.8457 RLNG-C: 2.5683										

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 5: MoD Operations of the Contracted Sources

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Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Jul-20
Financial Year : 2020-21
Form 5: MoD Operations of the Contracted Source

S. No.	Name of Station	Name of Unit	Actual Net Generation for the Day 10	Actual Net Generation for the Day 11	Actual Net Generation for the Day 12	Actual Net Generation for the Day 13	Actual Net Generation for the Day 14	Actual Net Generation for the Day 15	Actual Net Generation for the Day 16	Actual Net Generation for the Day 17	Actual Net Generation for the Day 18	Actual Net Generation for the Day 19	Actual Net Generation for the Day 20	Actual Net Generation for the Day 21	Actual Net Generation for the Day 22	Actual Net Generation for the Day 23	Actual Net Generation for the Day 24	
State Generating Stations																		
1	Bhusawal TPS	Bhusawal - 3	-0.04	-0.04	-0.04	-0.04	-0.03	-0.04	-0.03	-0.04	-0.04	-0.04	-0.04	-0.05	-0.04	-0.05	-0.05	
2	Bhusawal TPS	Bhusawal - 4	-0.09	-0.08	-0.07	-0.08	-0.08	-0.08	1.10	8.28	9.65	9.61	9.57	9.60	10.23	9.79	8.51	
3	Bhusawal TPS	Bhusawal - 5	-0.04	-0.04	-0.04	-0.05	-0.04	-0.04	-0.05	-0.05	-0.05	-0.05	-0.06	-0.06	-0.12	2.58	8.34	
4	Khaparkhedha TPS	Khaparkhedha - 1	3.09	3.36	3.21	3.42	3.26	2.77	2.70	2.85	2.83	3.19	3.55	3.16	3.15	3.14	3.10	
		Khaparkhedha - 2	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Khaparkhedha - 3	3.51	3.67	3.79	4.02	4.05	3.98	3.67	3.59	3.96	3.96	-0.06	-0.06	1.75	3.79	3.59	
		Khaparkhedha - 4	3.63	3.71	3.82	3.99	3.65	4.03	3.67	3.48	3.71	3.77	3.82	3.77	3.82	3.90	3.76	3.67
5	Khaparkhedha TPS	Khaparkhedha - 5	8.94	9.06	9.59	9.10	9.70	9.27	8.59	8.15	8.76	10.25	10.09	8.50	9.33	8.93	8.15	
6	Nashik TPS	Nashik- 3	-0.02	-0.01	-0.01	-0.02	-0.01	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.01	
		Nashik- 4	-0.02	-0.01	-0.01	-0.02	-0.03	-0.02	-0.01	-0.01	-0.01	-0.01	-0.03	-0.01	-0.02	-0.01	-0.02	-0.03
		Nashik- 5	-0.02	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.01
7	Chandrapur TPS	Chandrapur - 3	3.61	3.63	3.69	3.68	3.74	3.71	3.61	3.60	1.81	-0.04	-0.04	-0.04	-0.04	-0.09	1.04	
8	Chandrapur TPS	Chandrapur - 4	3.48	3.46	3.50	3.43	3.44	3.32	3.21	3.42	3.37	3.38	3.03	3.36	3.37	3.04	3.21	
9	Chandrapur TPS	Chandrapur - 5	7.98	8.16	8.14	7.93	8.52	8.04	7.81	7.39	7.78	8.26	7.78	7.61	7.42	7.84	8.02	
10	Chandrapur TPS	Chandrapur - 6	8.36	8.30	8.54	8.88	9.21	8.77	8.04	8.22	8.52	8.04	8.44	8.35	8.20	7.96	7.60	
11	Chandrapur TPS	Chandrapur - 7	7.76	8.01	8.24	8.60	8.82	5.28	7.48	7.88	8.34	8.63	8.89	7.98	7.69	7.66	7.15	
12	Paras TPS	Paras - 3	4.02	3.91	4.11	4.42	4.52	4.13	3.39	3.43	4.04	3.90	4.00	4.79	3.27	4.15	3.60	
13	Paras TPS	Paras - 4	4.13	4.05	4.08	4.36	4.84	4.28	3.89	3.70	3.72	4.06	3.96	4.80	2.86	4.19	3.78	
14	Parli TPS	Parli - 6	-0.02	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	
15	Parli TPS	Parli - 7	-0.02	-0.02	-0.03	-0.02	-0.03	-0.02	-0.02	-0.02	-0.03	-0.02	-0.02	-0.02	-0.02	-0.02	-0.03	
16	Koradi TPS	Koradi - 6	-0.04	-0.04	-0.02	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	
17	Koradi TPS	Koradi - 7	-0.03	-0.03	-0.01	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	
18	GTPS Uran	GTPS Uran	2.71	2.75	2.84	2.78	2.81	2.78	2.65	2.63	2.61	2.62	2.62	2.62	2.64	2.64	2.68	

Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Jul-20
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Form 5: MoD Operations of the Contracted Source

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Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Jul-20
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Form 5: MoD Operations of the Contracted Source

[illegible]

Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Jul-20
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Form 5: MoD Operations of the Contracted Source

[illegible]

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 6: Details of plants running at Technical Minimum / Zero Schedule

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%	3.4208	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	2.8456	NA	NA	01.07.2020	16.07.2020	Less demand and Market power available at cheaper rate.
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	2.8456	NA	NA	01.07.2020	23.07.2020	Less demand and Market power available at cheaper rate.
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	840	840	85%	2.2186	NA	NA	NA	NA	
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	85%	2.0075	NA	NA	NA	NA	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	3.5919	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	2.4255	NA	NA	NA	NA	
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	2.4255	NA	NA	NA	NA	
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	2.4255	NA	NA	NA	NA	
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	2.4255	NA	NA	NA	NA	
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	2.4255	NA	NA	NA	NA	
12	Paras TPS	Paras - 3	250	250	85%	2.6250	NA	NA	NA	NA	
13	Paras TPS	Paras - 4	250	250	85%	2.6250	NA	NA	NA	NA	
14	Parli TPS	Parli - 6	250	250	85%	3.0096	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
15	Parli TPS	Parli - 7	250	250	85%	3.0096	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
16	Koradi TPS	Koradi - 6	210	210	72%	3.2391	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
17	Koradi TPS	Koradi - 7	210	210	72%	3.2391	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
18	GTPS Uran	GTPS Uran	672	672	85%	1.7928	NA	NA	NA	NA	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%						
20	Parli TPS	Parli Replacement U 8	250	250	85%	2.9833	NA	NA	01.07.2020	31.07.2020	Less demand and Market power available at cheaper rate.
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.3151	NA	NA	NA	NA	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.3151	NA	NA	NA	NA	
23	Koradi TPS	Koradi R U-8	660	660	85%	2.7655	NA	NA	01.07.2020	14.07.2020	Less demand and Market power available at cheaper rate.
24	Koradi TPS	Koradi 9	660	660	85%	2.7655	NA	NA	NA	NA	
25	Koradi TPS	Koradi10	660	660	85%	2.7655	NA	NA	NA	NA	
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185							
27	Dodson	Dodson I	12	12							
28	Dodson	Dodson II	34	34							
Central Generating Stations											
1	KSTPS	Unit-I to VI	2100	635	85%	1.5697	NA	NA	NA	NA	
2	KSTPS III	-	500	120	85%	1.5373	NA	NA	NA	NA	
3	VSTP I	Unit-I to VI	1260	432	85%	1.8230	NA	NA	NA	NA	
4	VSTP II	Unit-I, II	1000	336	85%	1.7341	NA	NA	NA	NA	
5	VSTP III	Unit-I, II	1000	275	85%	1.7146	NA	NA	NA	NA	
6	VSTP IV	Unit-I, II	1000	294	85%	1.6920	NA	NA	NA	NA	
7	VSTP V	Unit-I	500	161	85%	1.7590	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- I C), UNIT-VI (ST- 2 C)	645	204		APM: 2.0592 NAPM: 2.0981 RLNG: 4.8457 RLNG-C: 2.5683	NA	NA	1A: 1) 01.07.2020 2) 11.07.2020 1B: 10.07.2020 1C: 11.07.2020 2A: 1) 01.07.2020 2) 15.07.2020	1A: 1) 04.07.2020 2) 31.07.2020 1B: 31.07.2020 1C: 31.07.2020 2A: 1) 11.07.2020 2) 31.07.2020	Schedule from other beneficiaries less than Tech. Minimum

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 (01-07-20 to 11-07-20)	Scheduled Energy Generation from 01-07-20 to 11-07-20 (Mus)	Variable Rate as per MoD stake approved by SLDC (12-07-20 to 30-07-20)	Scheduled Energy Generation from 12-07-20 to 30-07-20 (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	210	210	80%	Coal	3.88	0.00	3.42	0.00	0.00	-1.41	
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	Coal	3.12	0.00	2.85	147.54	147.54	212.27	
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	Coal	3.12	0.00	2.85	72.10	72.10		
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	840	840	85%	Coal	2.82	111.95	2.22	209.88	321.83	316.67	
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	85%	Coal	2.42	79.25	2.01	189.17	268.42	264.66	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	Coal	3.95	0.00	3.59	0.00	0.00	-1.38	
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	Coal	2.77	29.42	2.43	41.79	71.22	903.71	
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	Coal	2.77	36.50	2.43	69.91	106.41		
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	Coal	2.77	91.96	2.43	165.52	257.48		
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	Coal	2.77	71.21	2.43	169.63	240.84		
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	Coal	2.77	92.33	2.43	163.88	256.22	256.10	
12	Paras TPS	Paras - 3	250	250	85%	Coal	2.86	43.60	2.63	84.22	127.82		
13	Paras TPS	Paras - 4	250	250	85%	Coal	2.86	46.97	2.63	82.03	129.00		
14	Parli TPS	Parli - 6	250	250	85%	Coal	3.17	0.00	3.01	0.00	0.00	-1.31	
15	Parli TPS	Parli - 7	250	250	85%	Coal	3.17	0.00	3.01	0.00	0.00		
16	Koradi TPS	Koradi - 6	210	210	72%	Coal	3.39	0.00	3.24	0.00	0.00	-2.11	
17	Koradi TPS	Koradi - 7	210	210	72%	Coal	3.39	0.00	3.24	0.00	0.00		
18	GTPS Uran	GTPS Uran	672	672	85%	Gas	1.75	31.28	1.79	53.96	85.24	84.39	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%	Hydro					0.00	0.00	
20	Parli TPS	Parli Replacement U 8	250	250	85%	Coal	3.14	0.00	2.98	0.00	0.00	-0.74	
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	Coal	2.55	98.56	2.32	182.03	280.59	535.27	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	Coal	2.55	72.00	2.32	185.33	257.33		
23	Koradi TPS	Koradi R U-8	660	660	85%	Coal	2.95	0.00	2.77	178.01	178.01		
24	Koradi TPS	Koradi 9	660	660	85%	Coal	2.95	111.69	2.77	194.97	306.66	713.93	
25	Koradi TPS	Koradi10	660	660	85%	Coal	2.95	105.90	2.77	143.55	249.45		
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		Coal		41.74		73.86	115.60	0.00	
27	Dodson	Dodson I	12	12		Hydro						0.00	
28	Dodson	Dodson II	34	34		Hydro						0.00	
Central Generating Stations													
1	KSTPS	Unit-I to VI	2100	635	85%	Coal	1.57	156.36	1.57	284.04	440.40	440.73	
2	KSTPS III	-	500	120	85%	Coal	1.51	30.20	1.54	54.91	85.11	85.16	
3	VSTP I	Unit-I to VI	1260	432	85%	Coal	1.93	86.01	1.82	177.16	263.17	262.23	
4	VSTP II	Unit-I, II	1000	336	85%	Coal	1.84	72.38	1.73	106.21	178.58	178.04	
5	VSTP III	Unit-I, II	1000	275	85%	Coal	1.82	67.24	1.71	124.16	191.40	191.40	
6	VSTP IV	Unit-I, II	1000	294	85%	Coal	1.80	65.07	1.69	123.50	188.57	190.87	
7	VSTP V	Unit-I	500	161	85%	Coal	1.87	38.76	1.76	71.89	110.65	110.26	
8	Kawas	UNIT-I (GT-I A),	645	204		APM	2.01	9.44	2.06	2.27	11.71	16.45	
		UNIT-II (GT-I B),				NAPM	2.09	0.36	2.10	0.00	0.36		
		UNIT-III (GT-2 A),				RLNG	4.84	0.00	4.85	0.00	0.00		
		UNIT-IV (GT-2 B),				RLNG-C	2.56	3.90	2.57	0.85	4.74		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		APM	2.04	7.45	2.07	32.15	39.60	58.61	
						NAPM	2.60	0.00	2.60	0.00	0.00		
						RLNG	7.27	0.00	5.09	0.00	0.00		
						RLNG-C	2.51	14.27	2.52	4.75	19.02		

Maharashtra State Electricity Distribution Co. Ltd.
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Form 7: Generator wise Schedule Vs Actual Energy

[illegible]

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Jul-20

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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/	4 to 16 MW	4.89	Yes	Maharashtra Airport Development Corporation	4.89	5.94
2	Power Exchange (IEX)	upto 600 MW			Collwctive Transactions	Avg 3.35	15.77
3							
4							
5							
.....							
	Total						21.71

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
1	Gross Generation	MU							
2	Net Generation	MU	(1.41)	212.27	316.67	264.66	(1.38)	903.71	256.10
3	Approved Energy Charge	Rs./kWh	3.92	3.27	2.81	2.46	3.39	2.54	2.99
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	3.92	2.80	2.69	2.41	3.39	2.36	2.44
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.00)	(0.47)	(0.12)	(0.05)	0.00	(0.18)	(0.55)
6	Approved Fuel expenses	Rs. Crore	0.00	50.00	108.00	70.00	0.00	227.00	80.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(0.55)	59.42	85.05	63.76	(0.47)	213.00	62.57
8	Recoverable through FAC (7 - 6)	Rs. Crore	(0.55)	9.42	(22.95)	(6.24)	(0.47)	(14.00)	(17.43)

Maharashtra State Electricity Distribution Co. Ltd.
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Form 9: Generation Summary

S. No.	Particulars	Units	Parli - 6 & 7	Koradi - 6 & 7	GTPS Uran	Hydro (Ghatghar)	Parli Replacement U 8	Chandrapu r - 8-9	Koradi R U-8,9,10	KSTPS
1	Gross Generation	MU								
2	Net Generation	MU	(1.31)	(2.11)	84.39	216.60	(0.74)	535.27	713.93	440.73
3	Approved Energy Charge	Rs./kWh	4.00	3.14	2.68		3.83	2.45	2.28	1.54
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	4.00	3.14	1.79		3.83	2.25	2.52	1.34
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.00	(0.00)	(0.89)	0.00	0.00	(0.20)	0.24	(0.20)
6	Approved Fuel expenses	Rs. Crore	0.00	32.00	66.00		0.00	142.00	189.00	55.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(0.52)	(0.66)	15.08	0.00	(0.29)	120.32	180.19	59.20
8	Recoverable through FAC (7 - 6)	Rs. Crore	(0.52)	(32.66)	(50.92)	0.00	(0.29)	(21.68)	(8.81)	4.20

Maharashtra State Electricity Distribution Co. Ltd.
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Form 9: Generation Summary

S. No.	Particulars	Units	KSTPS III	VSTP I	VSTP II	VSTP III	VSTP IV	VSTP V	Kawas	Gandha r	KhSTPS II
1	Gross Generation	MU									
2	Net Generation	MU	85.16	262.23	178.04	191.40	190.87	110.26	16.45	58.61	66.41
3	Approved Energy Charge	Rs./kWh	1.49	1.84	1.73	1.77	1.76	1.77	3.03	2.98	2.27
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.31	1.68	1.62	1.61	1.59	1.64	2.12	2.14	2.00
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.18)	(0.16)	(0.11)	(0.16)	(0.17)	(0.13)	(0.91)	(0.84)	(0.27)
6	Approved Fuel expenses	Rs. Crore	10.00	43.00	33.00	27.00	28.00	15.00	9.00	6.00	20.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	11.12	44.14	28.86	30.77	30.32	18.08	3.50	12.53	13.25
8	Recoverable through FAC (7 - 6)	Rs. Crore	1.12	1.14	(4.14)	3.77	2.32	3.08	(5.50)	6.53	(6.75)

Maharashtra State Electricity Distribution Co. Ltd.
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Form 9: Generation Summary

S. No.	Particulars	Units	SIPAT TPS 2	SIPAT TPS 1	Mauda I	Mauda II	NTPC Solapur 2	NTPC Solapur	Lara	Gadarwar a
1	Gross Generation	MU								
2	Net Generation	MU	186.67	392.44	37.40	9.50		51.85	42.92	15.03
3	Approved Energy Charge	Rs./kWh	1.48	1.47	3.45	3.16		3.87	2.46	3.64
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.41	1.36	2.76	2.85		2.84	2.08	2.50
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.07)	(0.11)	(0.69)	(0.31)	0.00	(1.03)	(0.38)	(1.14)
6	Approved Fuel expenses	Rs. Crore	23.00	44.00	0.00	94.00		0.00	17.00	0.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	26.24	53.53	10.33	2.70	0.00	14.72	8.91	3.75
8	Recoverable through FAC (7 - 6)	Rs. Crore	3.24	9.53	10.33	(91.30)	0.00	14.72	(8.09)	3.75

Maharashtra State Electricity Distribution Co. Ltd.
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Form 9: Generation Summary

S. No.	Particulars	Units	Khargone	KAPP	TAPP 1&2	TAPP 3&4	JSW	CGPL	APML 125 MW	APML 1320 MW
1	Gross Generation	MU								
2	Net Generation	MU	10.98	83.20	19.24	297.91	191.63	529.17	0.00	792.30
3	Approved Energy Charge	Rs./kWh	3.13	2.47	2.19	3.42	2.79	2.07	2.84	1.84
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.58	2.29	2.41	3.39	2.38	1.97	2.43	1.80
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.55)	(0.18)	0.22	(0.03)	(0.41)	(0.10)	(0.41)	(0.04)
6	Approved Fuel expenses	Rs. Crore	5.00	21.00	21.00	81.00	46.00	91.00	21.00	143.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	2.83	19.03	4.65	101.02	45.55	104.20	0.00	142.79
8	Recoverable through FAC (7 - 6)	Rs. Crore	(2.17)	(1.97)	(16.35)	20.02	(0.45)	13.20	(21.00)	(0.21)

Maharashtra State Electricity Distribution Co. Ltd.
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Form 9: Generation Summary

S. No.	Particulars	Units	APML 1200 MW	APML 440 MW	EMCO Power	RIPL 450 MW	RIPL 750 MW	Sai Wardha	SSP	Pench	Dodson I
1	Gross Generation	MU									
2	Net Generation	MU	0.00	0.00	127.50	0.00	0.00	132.06	42.18	12.34	0.30
3	Approved Energy Charge	Rs./kWh	2.84	2.90	2.58	3.46	3.46		2.12	2.12	1.68
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.43	2.49	2.39	0.00	0.00	2.61	2.05	2.05	1.56
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.41)	(0.41)	(0.19)	(3.46)	(3.46)				
6	Approved Fuel expenses	Rs. Crore	189.00	75.00	30.00	0.00	0.00		22.00	2.00	1.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	0.00	0.00	30.41	0.00	0.00				
8	Recoverable through FAC (7 - 6)	Rs. Crore	(189.00)	(75.00)	0.41	0.00	0.00		(22.00)	(2.00)	(1.00)

Maharashtra State Electricity Distribution Co. Ltd.
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Form 9: Generation Summary

S. No.	Particulars	Units	Dodson II	Renewable - Solar	Renewable - Non Solar
1	Gross Generation	MU			
2	Net Generation	MU	0.87	376.12	1,023.73
3	Approved Energy Charge	Rs./kWh		3.62	4.93
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh		4.02	4.73
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh			
6	Approved Fuel expenses	Rs. Crore		142.00	883.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore			
8	Recoverable through FAC (7 - 6)	Rs. Crore	0.00	(142.00)	(883.00)

Maharashtra State Electricity Distribution Co. Ltd.
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Form 10: Energy Charge

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 & 07
1	Operational parameters										
1.1	Total Capacity	MW	210	1000	840	500	630	1920	500	500	420
1.2	Availability	%	99.47%	97.55%	59.84%	80.54%	97.11%	72.00%	87.65%	100.00%	79.29%
1.3	PLF	%		28%	56%	76%		72%	78%		
1.4	Gross Generation	MU		227.22	352.00	281.16		993.53	287.78		
1.5	Auxiliary Consumption excluding FGD	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%	10.81%
1.6	Auxiliary Consumption excluding FGD	MU	0.00	13.63	34.14	16.87	0.00	77.50	26.76	0.00	0.00
1.7	Auxiliary Consumption for FGD	%	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
1.9	Total Auxiliary Consumption	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%	10.81%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	0.00	13.63	34.14	16.87	0.00	77.50	26.76	0.00	0.00
1.11 (a)	Total Net Generation		0.00	213.59	317.86	264.29	0.00	916.03	261.02	0.00	0.00
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	-1.41	212.27	316.67	264.66	-1.38	903.71	256.10	-1.31	-2.11
1.12	Heat Rate	kcal/kWh	2787	2375	2630	2375	2754	2688	2430	2430	2622
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
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%
1.15	Transit Loss for Imported Coal	%									
2	Fuel parameters (for each primary and secondary fuel)										
2.1	Calorific Value										
2.1.1	Domestic Coal (As Billed)	kcal/kg		3753	3705	3530		4158	4355		
2.1.2	Imported Coal (As Billed)	kcal/kg									
2.1.3	Domestic Coal (As Received)	kcal/kg		3287	3180	3005		3633	3830		
2.1.4	Imported Coal (As Received)	kcal/kg			4789	4789					
2.1.5	Fuel 2	kcal/unit		10700	10643	10643		10363	10624		
2.1.6	Fuel 3	kcal/unit		9996	10158	10158		10376	10175		
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	120.00	120.00
2.2.2	Stacking Loss Actual	kcal/kg		97.28	139.25	142		112	159.57		
2.3	Calorific Value after stacking loss										
2.3.1	Domestic Coal (As Fired)	kcal/kg		3189	3061	2885		3521	3710		
2.3.2	Imported Coal (As Fired)	kcal/kg									
2.4	Landed Fuel Price per unit										
2.4.1	Domestic Coal	Rs./MT	0	3515.88	2772.50	2726.72	0.00	2811.24	3365.11	0.00	0.00
2.4.2	Imported Coal	Rs./MT	0.00	0.00	6671.82	6671.82	0.00	0.00	0.00	0.00	0.00
2.4.3	Fuel 3	Rs./unit	46197	46197	47957.00	47957.00	38421.80	41876.51	35118.30	66355	49198.20
2.4.4	Fuel 4	Rs./unit	33755	33755	41199.28	41199.28	47454.77	32737.77	30445.51	49932	38592.46
3	Fuel Consumption and Heat Contribution (for each fuel separately)										
3.1	Specific Fuel Consumption										
3.1.1	Domestic Coal	MT/kWh		0.74	0.85	0.82		0.76	0.65		
3.1.2	Imported Coal	MT/kWh		0.00	0.00	0.00		0.00	0.00		
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
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
3.2	Total Fuel Consumption										
3.2.1	Domestic Coal			168872.34	300906.68	230780.53		755795.21	188150.51		
3.2.2	Imported Coal				218.73	219.09		0.00	0.00		
3.2.3	Fuel 3			22.72	84.48	28.12		198.71	28.78		
3.2.4	Fuel 4			90.89	337.92	112.46		794.82	115.11		
3.3	Heat content										
3.3.1	Domestic Coal	Million kcal		538597.21	921126.11	665801.82		2661154.93	697951.82		
3.3.2	Imported Coal	Million kcal			669.57	632.06					
3.3.3	Fuel 3	Million kcal		207.39	766.95	255.25		1756.49	260.79		
3.3.4	Fuel 4	Million kcal		847.65	3202.63	1065.87		7694.53	1092.79		
	Total Heat content	Million kcal		539652.25	925765.26	667755.00	0.00	2670605.95	699305.40	0.00	0.00
4	Total Fuel Cost										
4.1	Domestic Coal	Rs. Crore		59.37	83.43	62.93		212.47	63.31		
4.2	Imported Coal	Rs. Crore			0.15	0.15		0.00	0.00		
4.3	Fuel 3	Rs. Crore		0.10	0.41	0.13		0.83	0.10		
4.4	Fuel 4	Rs. Crore		0.31	1.39	0.46		2.60	0.35		
	Total Fuel Cost	Rs. Crore	0.00	59.79	85.37	63.67		215.91	63.77		
5	Other Charges and Adjustments										
5.1	Other Charges (Pl. specify details)										
5.2	Other Adjustments (Pl. specify details)										
	Total Other Charges and Adjustments										
6 (a)	Total Cost (= 4 + 5)		0.00	59.79	85.37	63.67	0.00	215.91	63.77	0.00	0.00
6 (b)	Total Cost (As Billed)		-0.55	59.42	85.05	63.76	-0.47	213.00	62.57	-0.52	-0.66
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh		2.63	2.43	2.26		2.17	2.22		
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh		2.799	2.686	2.409		2.357	2.443		
8 (b)	Energy Charge as Billed (Zero Schedule)		3.915				3.39			4.000	3.136

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Form 10: Energy Charge

S. No.	Particulars	Units	GTPS Uran	Parli Unit 08	Chandrapur Unit 08,09	Koradi Unit 08,09,10	KSTPS	KSTPS III	VSTP I	VSTP II
1	Operational parameters									
1.1	Total Capacity	MW	672	250	1000	1980	2100	500	1260	1000
1.2	Availability	%	17.60%	100.00%	82.43%	66.57%	103.43%	102.00%	91.14%	80.38%
1.3	PLF	%	18%		79%	53%	99.79%	93.97%	88.98%	76.10%
1.4	Gross Generation	MU	87.71		569.36	776.59				
1.5	Auxiliary Consumption excluding FGD	%	3.10%	8.50%	6.00%	6.00%				
1.6	Auxiliary Consumption excluding FGD	MU	2.72	0.00	34.16	46.60				
1.7	Auxiliary Consumption for FGD	%	NA	NA	NA	NA				
1.8	Auxiliary Consumption for FGD	MU	NA	NA	NA	NA				
1.9	Total Auxiliary Consumption	%	3.10%	8.50%	6.00%	6.00%	7.04	6.25	9	7.05
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	2.72	0.00	34.16	46.60				
1.11 (a)	Total Net Generation		84.99	0.00	535.20	729.99	1,449.35	327.71	759.03	526.24
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	84.39	-0.74	535.27	713.93	440.73	85.16	262.23	178.04
1.12	Heat Rate	kcal/kWh	2035	2430	2375	2230	2401.43	2374.03	2430	2390
1.13	Secondary Fuel Oil Consumption	ml/kWh		0.5	0.5	0.5	0.5	0.5	0.5	0.5
1.14	Transit Loss for Domestic and Washed Coal	%		0.80%	0.80%	0.80%	0.2	0.2	0.2	0.2
1.15	Transit Loss for Imported Coal	%					0.2	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	8344		4262	3912	4268	4268	4057	4057
2.1.2	Imported Coal (As Billed)	kcal/kg								
2.1.3	Domestic Coal (As Received)	kcal/kg	8344		3737	3387	3868	3868	3370	3370
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit			10363	10644	9128	10117	9837	9837
2.1.6	Fuel 3	kcal/unit			10376	10354				
2.1.7	Fuel 4	kcal/unit								
2.2	Stacking Loss									
2.2.1	Stacking Loss Approved	kcal/kg		120.00	120.00	120.00				
2.2.2	Stacking Loss Actual	kcal/kg			101.00	88.00				
2.3	Calorific Value after stacking loss									
2.3.1	Domestic Coal (As Fired)	kcal/kg	8344		3636	3299				
2.3.2	Imported Coal (As Fired)	kcal/kg								
2.4	Landed Fuel Price per unit									
2.4.1	Domestic Coal	Rs./MT	7.10	0.00	3214.86	3488.54	1923.00	1923.00	2047.40	2047.40
2.4.2	Imported Coal	Rs./MT		0.00	6544.22	0.00				
2.4.3	Fuel 3	Rs./unit		0.00	42462.48	40808.20	60712.56	40947.06	40863.49	40863.49
2.4.4	Fuel 4	Rs./unit		#DIV/0!	32774.63	38441.97				
3	Fuel Consumption and Heat Contribution (for each fuel separately)									
3.1	Specific Fuel Consumption									
3.1.1	Domestic Coal	MT/kWh		#DIV/0!	0.65	0.67				
3.1.2	Imported Coal	MT/kWh		#DIV/0!	0.00	0.00				
3.1.3	Fuel 3	unit/kWh		0.100	0.100	0.100				
3.1.4	Fuel 4	unit/kWh		0.400	0.400	0.400				
3.2	Total Fuel Consumption									
3.2.1	Domestic Coal		21.39	#DIV/0!	371156.31	523819.60				
3.2.2	Imported Coal					0.00				
3.2.3	Fuel 3			0.00	56.94	77.66				
3.2.4	Fuel 4			0.00	227.74	310.63				
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal	178495.96	0.00	1349524.33	1728080.88				
3.3.2	Imported Coal	Million kcal				0.00				
3.3.3	Fuel 3	Million kcal		0.00	503.29	705.09				
3.3.4	Fuel 4	Million kcal		0.00	2204.75	3000.82				
	Total Heat content	Million kcal	178495.96	0.00	1352232.38	1731786.78				
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	15.19	#DIV/0!	119.32	182.74	334.31	334.31	558.75	558.75
4.2	Imported Coal	Rs. Crore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.3	Fuel 3	Rs. Crore	0.00	0.00	0.24	0.32			18.90	18.90
4.4	Fuel 4	Rs. Crore	0.00	#DIV/0!	0.75	1.19				
	Total Fuel Cost	Rs. Crore	15.19	#DIV/0!	120.31	184.25	334.31	334.31	577.65	577.65
5	Other Charges and Adjustments									
5.1	Other Charges (Pl. specify details)									
5.2	Other Adjustments (Pl. specify details)									
	Total Other Charges and Adjustments						0	0	0	0
6 (a)	Total Cost (= 4 + 5)		15.19	#DIV/0!	120.31	184.25	334.31	334.31	577.65	577.65
6 (b)	Total Cost (As Billed)		15.08	#DIV/0!	120.32	180.19				
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh	1.73	#DIV/0!	2.11	2.37				
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh	1.787	#DIV/0!	2.248	2.524	1.343	1.306	1.683	1.621
8 (b)	Energy Charge as Billed (Zero Schedule)			3.83						

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S. No.	Particulars	Units	VSTP III	VSTP IV	VSTP V	Kawas	Gandhar	KhSTPS-II	SIPAT TPS 2	SIPAT TPS 1
1	Operational parameters									
1.1	Total Capacity	MW	1000	1000	500	645	648	1500	1,000.000	1,980.000
1.2	Availability	%	102.90%	94.99%	103.01%	99.55%	92.57%	73.02%	98.06%	101.05%
1.3	PLF	%	98.59%	91.57%	97.55%	11.59%	43.16%	65.94%	96.78%	99.29%
1.4	Gross Generation	MU								
1.5	Auxiliary Consumption excluding FGD	%								
1.6	Auxiliary Consumption excluding FGD	MU								
1.7	Auxiliary Consumption for FGD	%								
1.8	Auxiliary Consumption for FGD	MU								
1.9	Total Auxiliary Consumption	%	6.25	6.25	7.25	2.75	2.75	6.25	6.25	6.25
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU								
1.11 (a)	Total Net Generation		687.66	638.68	336.56	54.08	202.34	689.88	675.03	1,371.20
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	191.40	190.87	110.26	16.45	58.61	66.41	186.67	392.44
1.12	Heat Rate	kcal/kWh	2390	2358.84	2358.84	2050	2040	2373.49	2390	2317.38
1.13	Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	-	-	0.5	0.5	0.5
1.14	Transit Loss for Domestic and Washed Coal	%	0.2	0.2	0.2	-	-	0.2	0.2	0.2
1.15	Transit Loss for Imported Coal	%	0.2	0.2	0.2	-	-	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	4057	4057	4057			3640	4043	4043
2.1.2	Imported Coal (As Billed)	kcal/kg								
2.1.3	Domestic Coal (As Received)	kcal/kg	3370	3370	3370			3064	3879	3879
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit	9837	9711	9484			9848	10473	10473
2.1.6	Fuel 3	kcal/unit								
2.1.7	Fuel 4	kcal/unit								
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								
2.3.2	Imported Coal (As Fired)	kcal/kg								
2.4	Landed Fuel Price per unit									
2.4.1	Domestic Coal	Rs./MT	2047.40	2047.40	2047.40			2328.38	2060.55	2060.55
2.4.2	Imported Coal	Rs./MT							7146.82	7146.82
2.4.3	Fuel 3	Rs./unit	41627.71	44299.25	50511.87			39598.34	45745.68	45745.68
2.4.4	Fuel 4	Rs./unit			1732.5					
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									
3.2.4	Fuel 4									
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal								
3.3.2	Imported Coal	Million kcal								
3.3.3	Fuel 3	Million kcal								
3.3.4	Fuel 4	Million kcal								
	Total Heat content	Million kcal								
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	558.75	558.75	558.75	11.98	44.75	378.91	380.71	380.71
4.2	Imported Coal	Rs. Crore	0.00	0.00	0.00			0.00	0.00	0.00
4.3	Fuel 3	Rs. Crore	18.90	18.90	18.90			9.51	12.61	12.61
4.4	Fuel 4	Rs. Crore								
	Total Fuel Cost	Rs. Crore	577.65	577.65	577.65	11.98	44.75	388.42	393.32	393.32
5	Other Charges and Adjustments									
5.1	Other Charges (Pl. specify details)									
5.2	Other Adjustments (Pl. specify details)									
	Total Other Charges and Adjustments		0	0	0					
6 (a)	Total Cost (= 4 + 5)		577.65	577.65	577.65	11.98	44.75	388.42	393.32	393.32
6 (b)	Total Cost (As Billed)									
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh								
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh	1.608	1.589	1.639	2.125	2.138	1.996	1.406	1.364
8 (b)	Energy Charge as Billed (Zero Schedule)									

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S. No.	Particulars	Units	Mauda I	Mauda II	NTPC Solapur	NTPC Solapur	Lara	Gadarwara	Khargone	KAPP
1	Operational parameters									
1.1	Total Capacity	MW	1000	1320	-	1320	800	800	1320	440
1.2	Availability	%	100.98%	100.35%		100.00%	101.55%	90.96%	54.10%	
1.3	PLF	%	20.96%	9.54%		14.29%	48.92%	61.13%	23.23%	
1.4	Gross Generation	MU								
1.5	Auxiliary Consumption excluding FGD	%								
1.6	Auxiliary Consumption excluding FGD	MU								
1.7	Auxiliary Consumption for FGD	%								
1.8	Auxiliary Consumption for FGD	MU								
1.9	Total Auxiliary Consumption	%	6.25	6.25		6.25	6.25	6.25	6.25	
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU								
1.11 (a)	Total Net Generation		146.17	87.84	0.00	131.53	272.97	341.13	213.84	242.94
1.11 (b)	MSDCL Net Generation (= 1.4 - 1.10)	MU	37.40	9.50		51.85	42.92	15.03	10.98	83.20
1.12	Heat Rate	kcal/kWh	2358.84	2239.8		2236.74	2228.16	2236.74	2173.5	
1.13	Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5		0.5	0.5	0.5	0.5	
1.14	Transit Loss for Domestic and Washed Coal	%	0.8	0.8		0.8	0.2	0.8	0.8	
1.15	Transit Loss for Imported Coal	%	0.2	0.2		0.2	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	3872	4043			4233	4502	4378	
2.1.2	Imported Coal (As Billed)	kcal/kg								
2.1.3	Domestic Coal (As Received)	kcal/kg	3277	3602		3661	3577	3753	3777	
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit	9566	9555		9,694.00	9501	10,623.00	9264	
2.1.6	Fuel 3	kcal/unit								
2.1.7	Fuel 4	kcal/unit								
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								
2.3.2	Imported Coal (As Fired)	kcal/kg								
2.4	Landed Fuel Price per unit									
2.4.1	Domestic Coal	Rs./MT	3479.59	4160.42		4234.76	3024.27	3,809.86	4077.94	
2.4.2	Imported Coal	Rs./MT	6760.09	6760.09		7667				
2.4.3	Fuel 3	Rs./unit	49096.98	49096.98		35,851.06	41263.17	46,883.10	44100.72	
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									
3.2.4	Fuel 4									
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal								
3.3.2	Imported Coal	Million kcal								
3.3.3	Fuel 3	Million kcal								
3.3.4	Fuel 4	Million kcal								
	Total Heat content	Million kcal								
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	495.41	495.41		455.95	162.55	157.83	244.01	
4.2	Imported Coal	Rs. Crore	0.00							
4.3	Fuel 3	Rs. Crore	0.00	0.00		0.00	15.41	4.34	12.86	
4.4	Fuel 4	Rs. Crore								
	Total Fuel Cost	Rs. Crore	495.41	495.41	0.00	455.95	177.95	162.17	256.86	
5	Other Charges and Adjustments									
5.1	Other Charges (Pl. specify details)									
5.2	Other Adjustments (Pl. specify details)									
	Total Other Charges and Adjustments									
6 (a)	Total Cost (= 4 + 5)		495.41	495.41	0.00	455.95	177.95	162.17	256.86	
6 (b)	Total Cost (As Billed)									
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh								
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh	2.763	2.846		2.838	2.076	2.497	2.579	2.2874
8 (b)	Energy Charge as Billed (Zero Schedule)									

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S. No.	Particulars	Units	GMR	RPL		SWPGL
1	Operational parameters					
1.1	Total Capacity	MW	200	450	750	240
1.2	Availability	%	95.81%	100.00%	100.00%	98.54%
1.3	PLF	%	85.69%			84.91%
1.4	Gross Generation	MU				147.11
1.5	Auxiliary Consumption excluding FGD	%				10.23%
1.6	Auxiliary Consumption excluding FGD	MU				15.05
1.7	Auxiliary Consumption for FGD	%				
1.8	Auxiliary Consumption for FGD	MU				
1.9	Total Auxiliary Consumption	%				10.23%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU				15.05
1.11 (a)	Total Net Generation					
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	127.50			132.06
1.12	Heat Rate	kcal/kWh	2211	2175	2175	2587
1.13	Secondary Fuel Oil Consumption	ml/kWh				0.38
1.14	Transit Loss for Domestic and Washed Coal	%				0.32
1.15	Transit Loss for Imported Coal	%				
2	Fuel parameters (for each primary and secondary fuel)					
2.1	Calorific Value					
2.1.1	Domestic Coal (As Billed)	kcal/kg				
2.1.2	Imported Coal (As Billed)	kcal/kg				
2.1.3	Domestic Coal (As Received)	kcal/kg				
2.1.4	Imported Coal (As Received)	kcal/kg				
2.1.5	Fuel 2	kcal/unit				
2.1.6	Fuel 3	kcal/unit				
2.1.7	Fuel 4	kcal/unit				
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				
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				
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					
3.2.4	Fuel 4					
3.3	Heat content					
3.3.1	Domestic Coal	Million kcal				
3.3.2	Imported Coal	Million kcal				
3.3.3	Fuel 3	Million kcal				
3.3.4	Fuel 4	Million kcal				
	Total Heat content	Million kcal				
4	Total Fuel Cost					
4.1	Domestic Coal	Rs. Crore				
4.2	Imported Coal	Rs. Crore				
4.3	Fuel 3	Rs. Crore				
4.4	Fuel 4	Rs. Crore				
	Total Fuel Cost	Rs. Crore				
5	Other Charges and Adjustments					
5.1	Other Charges (Pl. specify details)					
5.2	Other Adjustments (Pl. specify details)					
	Total Other Charges and Adjustments					
6 (a)	Total Cost (= 4 + 5)					
6 (b)	Total Cost (As Billed)					
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh				
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh	2.3854	0	0	
8 (b)	Energy Charge as Billed (Zero Schedule)					

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Bhusawal			Bhusawal Unit 04 and 05			Kha
			Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit						2606.51	
	Freight	Rs/unit							
	Freight Surcharge, if applicable	Rs/unit							
	Fuel Handling Charges	Rs/unit							
	Taxes and Duties (pl. specify details)	Rs/unit						776.15	
	Any other charges	Rs/unit							
	Total Price excluding Transit Loss	Rs/unit		0.00	0.00		0.00	3382.66	
	Normative Transit Loss	%			0.80%			0.80%	
	Total Price including Transit Loss	Rs/unit			0.00			3409.94	
	Other Fuel Related Variable Charges	Rs/unit						105.94	
	Total Price	Rs/unit			0.00			3515.88	

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Khaparkheda - 1 to 4		Khaparkheda Unit 05			Nashik TP	
			Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		2067.55			2139.55		
	Freight	Rs/unit							
	Freight Surcharge, if applicable	Rs/unit							
	Fuel Handling Charges	Rs/unit							
	Taxes and Duties (pl. specify details)	Rs/unit		609.01			491.59		
	Any other charges	Rs/unit							
	Total Price excluding Transit Loss	Rs/unit	0.00	2676.55		0.00	2631.14		
	Normative Transit Loss	%		0.80%			0.80%		
	Total Price including Transit Loss	Rs/unit		2698.14			2652.36		
	Other Fuel Related Variable Charges	Rs/unit		74.36			74.36		
	Total Price	Rs/unit		2772.50			2726.72		

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Consumption	Chandrapur Unit 03 to 07			Paras Unit 03 and 04		
				Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit				1798.56			2334.02
	Freight	Rs/unit							
	Freight Surcharge, if applicable	Rs/unit							
	Fuel Handling Charges	Rs/unit				862.82			
	Taxes and Duties (pl. specify details)	Rs/unit				107.73			493.74
	Any other charges	Rs/unit							455.80
	Total Price excluding Transit Loss	Rs/unit				2769.12			3283.56
	Normative Transit Loss	%	0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit	0.00			2791.45			3310.04
	Other Fuel Related Variable Charges	Rs/unit				19.80			55.07
	Total Price	Rs/unit	0.00			2811.24			3365.11

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Parli Unit 06 and 07			Koradi Unit 06 & 07			Approved in Tariff
			Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	
	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			0.00				
	Normative Transit Loss	%			0.80%			0.80%	
	Total Price including Transit Loss	Rs/unit			0.00			0.00	
	Other Fuel Related Variable Charges	Rs/unit							
	Total Price	Rs/unit			0.00			0.00	

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	GTPS Uran		Parli Unit 08			Chandrapur Uni	
			Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		6.65					
	Freight	Rs/unit							
	Freight Surcharge, if applicable	Rs/unit							
	Fuel Handling Charges	Rs/unit							
	Taxes and Duties (pl. specify details)	Rs/unit		0.21					
	Any other charges	Rs/unit		0.24					
	Total Price excluding Transit Loss	Rs/unit		7.10			0.00		
	Normative Transit Loss	%		0.00%			0.80%		
	Total Price including Transit Loss	Rs/unit		7.10			0.00		
	Other Fuel Related Variable Charges	Rs/unit							
	Total Price	Rs/unit		7.10			0.00		

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	08,09	Koradi Unit 08,09,10		
			Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit	2058.62			2854.45
	Freight	Rs/unit				
	Freight Surcharge, if applicable	Rs/unit				
	Fuel Handling Charges	Rs/unit	987.58			
	Taxes and Duties (pl. specify details)	Rs/unit	123.30			601.74
	Any other charges	Rs/unit				
	Total Price excluding Transit Loss	Rs/unit	3169.50			3456.19
	Normative Transit Loss	%	0.80%			0.80%
	Total Price including Transit Loss	Rs/unit	3195.06			3484.06
	Other Fuel Related Variable Charges	Rs/unit	19.80			4.48
	Total Price	Rs/unit	3214.86			3488.54

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Form 12: Fuel Inventory

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss unit (MT)	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	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit
State Generating Stations																		
1	Bhusawal - 3	Coal - Raw Coal	379384	136.32	3593	35664	11.14	3123	271	414777	147.36	3553				414777	147.36	3553
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	379384	136.32	3593	35664	11.14	3123	271	414777	147.36	3553	0	0.00	0	414777	147.36	3553
		Oil - LDO	675	3.12	46197			0		675	3.12	46197				675	3.12	46197
		Oil - FO	1766	5.96	33755			0		1766	5.96	33755				1766	5.96	33755
		Subtotal	2441	9.08	37195	0	0.00	0	0	2441	9.08	37195	0	0.00	0	2441	9.08	37195
		Other Variable Cost																
2	Bhusawal - 4 & 5	Coal - Raw Coal	379384	136	3593	35664	11	3123	271	414777	147.36	3553	169911	57	3383	244866	89.89	3671
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	379384	136.32	3593	35664	11.14	3123	271	414777	147.36	3553	169911	57.48	3383	244866	89.89	3671
		Oil - LDO	1468	7	46197			0		1468	6.78	46197	116	1		1352	6.25	46197
		Oil - FO	2644	9	33755			0		2644	8.92	33755	260	1		2384	8.05	33755
		Subtotal	4112	15.71	38197	0	0.00	0	0	4112	15.71	38197	376	1.41	37594	3736	14.29	38258
		Other Variable Cost												2	105.94			
3	Khaparkhedha - 1 to 4	Coal - Raw Coal	249598	69	2749	245357	62	2547	1053	493902	130.83	2649	313359	84	2677	180543	46.96	2601
		Coal - Imported Coal			0	228	0	6672	0	228	0.15	6672	228	0.15	6672	0	0.00	#DIV/0!
		Subtotal	249598	68.62	2749	245585	62.64	2551	1053	494130	130.99	2651	313586	84.02	2679	180543	46.96	2601
		Oil - LDO	840	4	48512			0		840	4.08	48512	33	0.16	47957	807	3.92	48535
		Oil - FO	4381	19	42736			0		4381	18.72	42736	312	1.29	41199	4069	17.44	42853
		Subtotal	5221	22.80	43665	0	0.00	0	0	5221	22.80	43665	345	1.44	41846	4876	21.35	43794
		Other Variable Cost												2.33	74.36			
4	Khaparkhedha - 5	Coal - Raw Coal	195116	50	2545	242202	66	2736	1058	436260	115.65	2651	239717	63	2631	196543	52.57	2675
		Coal - Imported Coal			0	228	0	6672		228	0.15	6672	228	0				
		Subtotal	195116	49.66	2545	242429	66.43	2740	1058	436487	115.80	2653	239944	63.22	2635	196543	52.57	2675
		Oil - LDO	1358	6	47614			0		1358	6.47	47614	62	0	47957	1296	6.17	47597
		Oil - FO	3256	13	39132			0		3256	12.74	39132	47	0	41199	3209	12.55	39102
		Subtotal	4614	19.21	41629	0	0.00	0	0	4614	19.21	41629	109	0.49	45057	4506	18.72	41546
		Other Variable Cost												1.78	74.36			
5	Nashik- 3,4 & 5	Coal - Raw Coal	223220	83	3725			0		223220	83.15	3725				223220	83.15	3725
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	223220	83.15	3725	0	0.00	0	0	223220	83.15	3725	0	0.00	0	223220	83.15	3725
		Oil - LDO	1964	8	38422			0		1964	7.55	38422				1964	7.55	38422
		Oil - FO	1138	5	47455			0		1138	5.40	47455				1138	5.40	47455
		Subtotal	3102	12.95	41735	0	0.00	0	0	3102	12.95	41735	0	0.00	0	3102	12.95	41735
		Other Variable Cost																
6	Chandrapur - 3 to 7	Coal - Raw Coal	682010	189	2778	582540	162	2778	477	1264073	350.04	2769	849256	235	2769	414817	114.87	2769
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	682010	189.49	2778	582540	161.81	2778	477	1264073	350.04	2769	849256	235.17	2769	414817	114.87	2769
		Oil - LDO	2833	12	42203	497	2	35872		3330	13.74	41259	157	1	41877	3174	13.08	41228
		Oil - FO	5329	19	36577	4185	13	30863		9514	32.41	34063	943	3	32738	8571	29.32	34209
		Subtotal	8162	31.45	38530	4682	14.70	31395	0	12844	46.15	35929	1100	3.74	34038	11745	42.40	36106
		Other Variable Cost												1.68	19.80			
7	Paras - 3 & 4	Coal - Raw Coal	269415	91	3394	149791	46	3059	1201	418006	136.89	3275	250548	82	3284	167458	54.62	3262
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	269415	91.44	3394	149791	45.82	3059	1201	418006	136.89	3275	250548	82.27	3284	167458	54.62	3262
		Oil - LDO	1414	5	35118			0		1414	4.97	35118	15	0	35118	1399	4.91	35118
		Oil - FO	2751	8	30446			0		2751	8.38	30446	146	0	30446	2605	7.93	30446
		Subtotal	4165	13.34	32032	0	0.00	0	0	4165	13.34	32032	162	0.50	30891	4003	12.84	32078
		Other Variable Cost												1.38	55.07			
8	Parli - 6 & 7	Coal - Raw Coal	167606	70	4168			0		167606	69.85	4168				167606	69.85	4168
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!				0	0.00	#DIV/0!
		Subtotal	167606	69.85	4168	0	0.00	0	0	167606	69.85	4168	0	0.00	0	167606	69.85	4168
		Oil - LDO	1394	9	66355			0		1394	9.25	66355				1394	9.25	66355
		Oil - FO	2771	14	49932			0		2771	13.84	49932				2771	13.84	49932

Maharashtra State Electricity Distribution Co. Ltd.
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Form 12: Fuel Inventory

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss unit (MT)	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	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit
		Subtotal	4165	23.09	55428	0	0.00	0	0	4165	23.09	55428	0	0.00	0	4165	23.09	55428
		Other Variable Cost																
9	Koradi - 6 & 7	Coal - Raw Coal	148714	50.13	3371					145485	49.00	3368				145485	49.00	3368
		Coal - Imported Coal			0					0	0.00	#DIV/0!						
		Subtotal	148714	50.13	3371	0	0.00	0	0	145485	49.00	3368	0	0.00	0	145485	49.00	3368
		Oil - LDO	1572.81	7.74	49198			0		1573	7.74	49198				1573	7.74	49198
		Oil - FO	3611.377	13.94	38592			0		3611	13.94	38592				3611	13.94	38592
		Subtotal	5184	21.68	41810	0	0.00	0	0	5184	21.68	41810	0	0.00	0	5184	21.68	41810
		Other Variable Cost																
10	GTPS Uran	Gas				23306372	16.544	7		23306372	16.54	7.10	23306372	16.544	7.10	0	0.00	#DIV/0!
11	Hydro (Ghatghar)	Water								0	0.00	#DIV/0!				0	0.00	#DIV/0!
12	Parli Replacement U-8	Coal - Raw Coal	73866	31	4171			0	-60	73926	30.81	4168			#DIV/0!	73926	30.81	4168
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	73866	30.81	4171	0	0.00	0	-60	73926	30.81	4168	0	0.00	0	73926	30.81	4168
		Oil - LDO	905	3	30003			0		905	2.72	30003				905	2.72	30003
		Oil - FO	1717	7	42065			0		1717	7.22	42065			#DIV/0!	1717	7.22	42065
		Subtotal	2622	9.94	37902	0	0.00	0	0	2622	9.94	37902	0	0.00	0	2622	9.94	37902
		Other Variable Cost																
13	Chandrapur - 8 & 9	Coal - Raw Coal	127160	38	2980	327885	107	3249	1183	453861	143.85	3170	411253	130	3170	42608	13.50	3170
		Coal - Imported Coal	1	0	6544			0		1	0.00	6544				1	0.00	6544
		Subtotal	127161	37.90	2980	327885	106.52	3249	1183	453862	143.85	3170	411253	130.35	3170	42609	13.51	3170
		Oil - LDO	1460	7	44760	509	2	35872		1969	8.36	42462	40	0	43073	1929	8.19	42450
		Oil - FO	1823	4	24021	508	2	29827		2331	5.89	25286	206	1	32775	2125	5.22	24560
		Subtotal	3283	10.91	33245	1017	3.34	32853	0	4300	14.26	33152	246	0.85	34449	4054	13.41	33073
		Other Variable Cost																
14	Koradi R U-8 to 10	Coal - Raw Coal	482687	157	3261	413790	129	3127	1477	898229	287.47	3200	648449	224	3456	249780	63.35	2536
		Coal - Imported Coal			0					0	0.00	#DIV/0!						
		Subtotal	482687	157.39	3261	413790	129.39	3127	1477	898229	287.47	3200	648449	224.12	3456	249780	63.35	2536
		Oil - LDO	2112	9	40808			0		2112	8.62	40808	122	0		1991	8.12	40808
		Oil - FO	3140	14	43667	2581	8	32086		5721	21.99	38442	1430	5		4291	16.50	38442
		Subtotal	5252	22.33	42517	2581	8.28	32086	0	7833	30.61	39080	1551	5.99	38628	6282	24.62	39192
		Other Variable Cost												0.29	4.48			
15	MSPGCL Dhariwal	Coal								0	0.00	#DIV/0!				0	0.00	#DIV/0!
16	Dodson I	Hydro								0	0.00	#DIV/0!				0	0.00	#DIV/0!
17	Dodson II	Hydro								0	0.00	#DIV/0!				0	0.00	#DIV/0!
Central Generating Stations																		
1	KSTPS	Domestic Coal	639116	122.44	1916	1101871	211.87	1923	2519	1738467	334	1923						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	639116	122	1916	1101871	212	1923	2519	1738467	334	1923	0	0	#DIV/0!	0	0	#DIV/0!
2	KSTPS III	Domestic Coal	639116	122.44	1916	1101871	211.87	1923	2519	1738467	334	1923						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	639116	122	1916	1101871	212	1923	2519	1738467	334	1923	0	0	#DIV/0!	0	0	#DIV/0!
3	VSTP I	Domestic Coal	780355	168.87	2164	1956291	389.89	1993	7562	2729085	559	2047						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	780355	169	2164	1956291	390	1993	7562	2729085	559	2047	0	0	#DIV/0!	0	0	#DIV/0!
4	VSTP II	Domestic Coal	780355	168.87	2164	1956291	389.89	1993	7562	2729085	559	2047						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	780355	169	2164	1956291	390	1993	7562	2729085	559	2047	0	0	#DIV/0!	0	0	#DIV/0!
5	VSTP III	Domestic Coal	780355	168.87	2164	1956291	389.89	1993	7562	2729085	559	2047						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						

Maharashtra State Electricity Distribution Co. Ltd.
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Form 12: Fuel Inventory

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss unit (MT)	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	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit
6	VSTP IV	Total	780355	169	2164	1956291	390	1993	7562	2729085	559	2047	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal	780355	168.87	2164	1956291	389.89	1993	7562	2729085	559	2047						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	780355	169	2164	1956291	390	1993	7562	2729085	559	2047	0	0	#DIV/0!	0	0	#DIV/0!
7	VSTP V	Domestic Coal	780355	168.87	2164	1956291	389.89	1993	7562	2729085	559	2047						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	780355	169	2164	1956291	390	1993	7562	2729085	559	2047	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!			#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!
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!			#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!
10	KhSTPS-II	Domestic Coal	848633	199.39	2350	782061	179.51	2295	3352	1627342	379	2328						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	848633	199	2350	782061	180	2295	3352	1627342	379	2328	0	0	#DIV/0!	0	0	#DIV/0!
11	SIPAT TPS 2	Domestic Coal	669769	145.13	2167	1181253	235.55	1994	3538	1847484	381	2060.55						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	0	0.00	#DIV/0!	44	0.03	7132	0.09	44	0.03	7146.82						
		Total	669769	145	2167	1181297	236	1994	3538	1847528	381	2061	0	0	#DIV/0!	0	0	#DIV/0!
12	SIPAT TPS 1	Domestic Coal	669769	145.13	2167	1181253	235.55	1994	3538	1847484	381	2060.55						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	0	0.00	#DIV/0!	44	0.03	7132	0.09	44	0.03	7146.82						
		Total	669769	145	2167	1181297	236	1994	3538	1847528	381	2061	0	0	#DIV/0!	0	0	#DIV/0!
13	Mauda I	Domestic Coal (Sp.)			#DIV/0!	126965	43.68	3440	1016	125949	44	3468						
		Domestic Coal	1002545	403.95	4029	3490	2.87	8215	28	1006006	407	4044						
		E-Auction	49281	44.90	9112			#DIV/0!		49281	45	9112						
		Imported Coal	18	0.01	6760			#DIV/0!		18	0	6760						
		Total	1051844	449	4267	130454	47	3568	1044	1181255	495	4194	0	0	#DIV/0!	0	0	#DIV/0!
14	Mauda II	Domestic Coal (Sp.)			#DIV/0!	126965	43.68	3440	1016	125949	44	3468						
		Domestic Coal	1002545	403.95	4029	3490	2.87	8215	28	1006006	407	4044						
		E-Auction	49281	44.90	9112			#DIV/0!		49281	45	9112						
		Imported Coal	18	0.01	6760			#DIV/0!		18	0	6760						
		Total	1051844	449	4267	130454	47	3568	1044	1181255	495	4194	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.)	55543	23.79	4283	47758	19.79	4145	382	102919	44	4235						
		Domestic Coal	428172	241.42	5638			#DIV/0!		428172	241	5638						
		E-Auction	43338	25.81	5956			#DIV/0!		43338	26	5956						
		Imported Coal	189300	145.14	7667			#DIV/0!		189300	145	7667						
		Total	716353	436	6089	47758	20	4145	382	763729	456	5970	0	0	#DIV/0!	0	0	#DIV/0!
17	Lara	Domestic Coal (Others)	89552	25.30	2826	61351	12.64	2060	491	150412	38	2523						
		Domestic Coal (NTPC mines)	292760	100.32	3427	101449	24.28	2394	812	393398	125	3167						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	382312	126	3286	162800	37	2268	1302	543810	163	2989	0	0	#DIV/0!	0	0	#DIV/0!

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Jul-20

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Form 12: Fuel Inventory

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss unit (MT)	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	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit	unit	Rs. Crore	Rs./unit
18	Gadarwara	Domestic Coal (Others)	172861	71.79	4153	11837	3.60	3040	95	184603	75	4084						
		Domestic Coal (NTPC mines)	54351	25.46	4685	15675	6.79	4332	125	69901	32	4614						
		Domestic Coal (Sp.)	70730	23.67	3346	76802	26.53	3454	614	146918	50	3417						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	297942	121	4059	104314	37	3539	834	401422	158	3932	0	0	#DIV/0!	0	0	#DIV/0!
19	Khargone	Domestic Coal (Others)	102855	51.63	5020			#DIV/0!		102855	52	5020						
		Domestic Coal (NTPC mines)	240338	126.22	5252			#DIV/0!		240338	126	5252						
		Domestic Coal (Sp.)	139213	56.36	4048	23190	9.79	4224	186	162218	66	4078						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	482406	234	4855	23190	10	4224	186	505411	244	4828	0	0	#DIV/0!	0	0	#DIV/0!
20	KAPP																	
21	TAPP 1&2																	
22	TAPP 3&4																	
Other Generating Stations																		
1	JSW	Coal				138760				138760								
2	CGPL	Coal																
3	APML 125 MW	Coal	566101			513717				1079818			545264			534554		
4	APML 1320 MW	Coal																
5	APML 1200 MW	Coal																
6	APML 440 MW	Coal																
7	EMCO Power	Coal	64162	20.97	3269	207232.59	68.97	3328	1671	271395	89.94	3314	252426	83.66	3314	18968	6.29	3314
8	RIPL 450 MW	Coal																
9	RIPL 750 MW	Coal																
10	SWPGL	Coal	68921			108298				177219			150430			26789		

Maharashtra State Electricity Distribution Co. Ltd.
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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	35664	35393	271	0.76%	
2	Bhusawal - 4	Coal	0.8	35664	35393	271	0.76%	
3	Bhusawal - 5	Coal	0.8					
4	Khaparkheda - 1 to 4	Coal	0.8	245585	244532	1053	0.43%	
5	Khaparkheda - 5	Coal	0.8	242429	241371	1058	0.44%	
6	Nashik- 3,4 & 5	Coal	0.8	0	0	0		
7	Chandrapur - 3	Coal	0.8	582540	582063	477	0.08%	
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	149791	148591	1201	0.80%	
13	Paras - 4	Coal	0.8					
14	Parli - 6	Coal	0.8	0	0	0	#DIV/0!	
15	Parli - 7	Coal	0.8					
16	Koradi - 6	Coal	0.8	0	0	0	#DIV/0!	
17	Koradi - 7	Coal	0.8					
18	GTPS Uran	Gas						
19	Hydro (Ghatghar)	Hydro						
20	Parli Replacement U 8	Coal	0.8	0	60	-60	#DIV/0!	
21	Chandrapur - 8	Coal	0.8	327885	326702	1183	0.36%	
22	Chandrapur - 9	Coal	0.8					
23	Koradi R U-8	Coal	0.8	413790	412313	1477	0.36%	
24	Koradi 9	Coal	0.8					
25	Koradi 10	Coal	0.8					
26	MSPGCL Dhariwal	Coal						
27	Dodson I	Hydro						
28	Dodson II	Hydro						
Central Generating Stations								
1	KSTPS	Coal	0.2	1101871	1099352	2519	0.2%	
2	KSTPS III	Coal	0.2	1101871	1099352	2519	0.2%	
3	VSTP I	Coal	0.2	1956291	1948730	7562	0.4%	
4	VSTP II	Coal	0.2	1956291	1948730	7562	0.4%	
5	VSTP III	Coal	0.2	1956291	1948730	7562	0.4%	
6	VSTP IV	Coal	0.2	1956291	1948730	7562	0.4%	
7	VSTP V	Coal	0.2	1956291	1948730	7562	0.4%	
8	Kawas	Gas	-		0		#DIV/0!	
9	Gandhar	Gas	-		0		#DIV/0!	
10	KhSTPS-II	Coal	0.2	782061	778709	3352	0.4%	
11	SIPAT TPS 2	Coal	0.2	1181297	1177759	3538	0.3%	
12	SIPAT TPS 1	Coal	0.2	1181297	1177759	3538	0.3%	
13	Mauda I	Coal	0.8	130454	129411	1044	0.8%	
14	Mauda II	Coal	0.8	130454	129411	1044	0.8%	
15	NTPC Solapur 2	Coal			0		#DIV/0!	
16	NTPC Solapur	Coal	0.8	47758	47376	382	0.8%	
17	Lara	Coal	0.2	162800	161497	1302	0.8%	
18	Gadarwara	Coal	0.8	104314	103480	834	0.8%	
19	Khargone	Coal	0.8	23190	23004	186	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		207233	205562	1671	0.8%	
8	RIPL 450 MW	Coal						
9	RIPL 750 MW	Coal						

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 14: Energy Sales - Metered

S. No.	Consumer Category	Units	Year	Sales in the month			Cumulative upto the preceding month Actual
			Approved by the Commission	Approved for the month	Actual sales in the preceding Quarter	Reasons for material variation	
1	Energy Sales in the License Area						
	HT Category						
	Industry (General)		33,829.98	2,728.39	2,204.63		
	Industry (Seasonal)		102.93	2.21	6.99		
	Commercial		1,887.38	153.38	86.96		
	Railways/Metro/Monorail		80.46	6.36	4.90		
	Public Water Works (PWW)		1,996.12	169.80	140.29		
	Agricultural - Pumpsets		1,243.85	18.05	18.52		
	Agricultural - Others		259.40	20.74	19.69		
	Group Housing Society (Residential)		239.68	19.72	18.43		
	Public Services - Government		273.16	23.08	19.70		
	Public Services - Others		825.16	69.23	54.18		
	Electric Vehicle Charging Stations		0.31	0.03	0.01		
	MSPGCL Auxiliary		183.74	13.91	8.49		
	Other Adjustment		4,842.00	403.50	384.03		
	Sub-total		45,764.17	3,628.41	2,966.83		
	LT Category						
	BPL		45.14	2.80	6.41		
	Residential		22,868.98	1,999.02	2,287.64		
	Non Residential		6,934.28	575.87	328.29		
	Public Water Works		892.76	70.68	72.66		
	AG Metered (Pumpsets)		17,571.05	1,533.05	1,083.42		
	AG Metered (Others)		140.00	11.11	11.18		
	Industrial		9,618.89	797.54	684.83		
	Street Lights		2,272.61	192.29	146.83		
	Public Services		572.79	50.83	39.03		
	Electric Vehicle Charging Stations		0.23	0.02	0.02		
	Prepaid		-	-	-		
	Sub-total		60,916.73	5,233.22	4,660.31		
2	Energy Sales outside the License						
	Sub total		-	-	-		
3	Total Energy Sales (1+2)		1,06,680.90	8,861.62	7,627.14		

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Jul-20

Financial Year : 2020-21

Form 15: Energy Sales - Unmetered

S. No	Consumer Category	Year			Sales in the month			Cumulative upto the preceding month Actual
		Approved by the Commission			Approved for the month MU	Jul-20		Reasons for material variation
		Load HP	Norm hrs./HP/Year	ECUM MU		Load HP	ECUM MU	
1	Zone 1	34,70,555.00		4,732.75				
	Unmetered Hrs>1318						332.31	
	Bhandup (U)						-	
	Nasik						139.17	
	Pune						16.66	
	Jalgaon						73.56	
	Baramati						102.92	
2	Zone 2	39,52,444.00		4,050.57	665.29			
	Unmetered Hrs>1318						379.09	
	Akola						28.21	
	Amravati						29.94	
	Aurangabad						95.16	
	Kalyan						-	
	Konkan						-	
	Kolhapur						6.59	
	Latur						145.66	
	Nagpur (U)						1.54	
	Chandrapur						-	
	Gondia						-	
	Nanded						71.97	
	Total	74,22,999.00		8,783.32	665.29		711.39	

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 16: Energy Availability

S. No.	Source of Power Purchase	Units	Year	For the month			Cumulative upto the month	
			Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Approved	Actual
1.0	Own Generation							
	Station 1	MU	-	-	-		-	-
	Station 2	MU	-	-	-		-	-
	Station 3	MU	-	-	-		-	-
	Sub total	MU	-	-	-		-	-
2.0	Power Purchase from other Sources							
2.1	State Generating Stations							
	Bhusawal - 3	MU	-	-	(1.41)		-	(4.46)
	Bhusawal - 4	MU	2,878.32	151.82	106.13		736.69	142.78
	Bhusawal - 5	MU	2,535.73	-	106.13		584.87	104.50
	Khaparkheda - 1 to 4	MU	4,467.19	379.41	316.67		1,125.98	937.80
	Khaparkheda - 5	MU	3,352.22	284.71	264.66		844.94	803.22
	Nashik- 3,4 & 5	MU	2,007.66	-	(1.38)		658.54	(4.22)
	Chandrapur - 3	MU	1,145.55	97.29	903.71		288.74	1,779.81
	Chandrapur - 4	MU	1,145.55	97.29			288.74	
	Chandrapur - 5	MU	2,727.51	231.65			687.48	
	Chandrapur - 6	MU	2,727.51	231.65			687.48	
	Chandrapur - 7	MU	2,727.51	231.65			687.48	
	Paras - 3	MU	1,586.88	134.78	128.05		399.98	537.21
	Paras - 4	MU	1,586.88	134.78	128.05		399.98	270.51
	Parli - 6	MU		-	(0.65)		-	3.18
	Parli - 7	MU		-	(0.65)		-	(1.63)
	Koradi - 6	MU	584.43	49.64	(2.11)		147.31	(6.36)
	Koradi - 7	MU	584.43	49.64			147.31	
	GTPS Uran	MU	2,898.32	246.16	84.39		730.54	460.97
	Hydro (Ghatghar)	MU	3,296.55	279.98	216.60		830.91	1,248.97
	Parli Replacement U 8	MU	246.85	-	(0.74)		246.85	69.55
	Chandrapur - 8	MU	3,422.63	290.69	267.63		862.69	838.87
	Chandrapur - 9	MU	3,422.63	290.69	267.63		862.69	848.36
	Koradi R U-8	MU	3,261.91	277.04	237.98		822.18	388.36
	Koradi 9	MU	3,261.91	277.04	237.98		822.18	520.95
	Koradi10	MU	3,261.91	277.04	237.98		822.18	378.08
	MSPGCL Dhariwal	MU		-	118.85		-	422.69
	Dodson I	MU	51.51	4.37	0.30		12.98	18.38
	Dodson II	MU	64.21	5.45	0.87		16.19	12.27
	Sub total	MU	53,245.80	4,022.77	3,616.66		13,714.91	9,769.79
2.2	Central Generating Stations							
	KSTPS	MU	4,222.49	358.62	440.73		1,064.30	1,294.16
	KSTPS III	MU	755.30	64.15	85.16		190.38	253.47
	VSTP I	MU	2,778.10	235.95	262.23		700.23	882.21
	VSTP II	MU	2,226.82	189.13	178.04		561.28	646.69
	VSTP III	MU	1,801.00	152.96	191.40		453.95	534.95
	VSTP IV	MU	1,888.12	160.36	190.87		475.91	568.98
	VSTP V	MU	1,028.26	87.33	110.26		259.18	296.71
	Kawas	MU	348.10	29.56	16.45		87.74	174.39
	Gandhar	MU	256.03	21.74	58.61		64.53	143.51
	KhSTPS-II	MU	1,033.69	87.79	66.41		260.55	240.70
	SIPAT TPS 2	MU	1,801.00	152.96	186.67		453.95	572.98
	SIPAT TPS 1	MU	3,560.12	302.37	392.44		897.35	1,119.44
	Mauda I	MU	933.85	-	37.40		432.21	37.40
	Mauda II	MU	3,390.27	296.56	9.50		880.10	9.50
	NTPC Solapur 2	MU		-	-		-	-
	NTPC Solapur	MU	251.00	-	51.85		251.00	51.85
	Lara	MU	1,579.96	134.19	42.92		398.24	146.92
	Gadarwara	MU	57.24	-	15.03		57.24	15.03
	Khargone	MU	342.52	29.09	10.98		86.33	10.98
	KAPP	MU	979.30	83.17	83.20		246.84	277.69
	TAPP 1&2	MU	1,143.71	97.14	19.24		288.28	105.87
	TAPP 3&4	MU	2,809.23	238.59	297.91		708.08	888.05
	Sub total	MU	33,186.09	2,721.67	2,747.31		8,817.66	8,271.47

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 16: Energy Availability

S. No.	Source of Power Purchase	Units	Year	For the month			Cumulative upto the month	
			Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Approved	Actual
2.3	Renewable Energy based Generating Stations							
	Renewable - Non Solar	MU	6,988.00	1,789.00	1,023.73		3,279.00	2,145.11
	Renewable - Solar	MU	13,284.00	392.00	376.12		1,867.00	1,254.45
	Sub total	MU	20,272.00	2,181.00	1,399.85		5,146.00	3,399.56
2.4	Other Generating Stations							
	JSW	MU	1,934.21	164.28	191.63		487.53	605.07
	CGPL	MU	5,157.89	438.07	529.17		1,300.07	1,340.27
	APML 125 MW	MU	870.25	73.91	-		219.35	171.26
	APML 1320 MW	MU	9,189.85	780.51	792.30		2,316.35	2,494.67
	APML 1200 MW	MU	7,862.98	667.81	-		1,981.90	1,644.08
	APML 440 MW	MU	3,063.28	260.17	-		772.12	344.66
	EMCO Power	MU	1,370.06	116.36	127.50		345.33	347.19
	RIPL 450 MW	MU	782.11	-	-		515.18	-
	RIPL 750 MW	MU	1,303.52	-	-		858.64	-
	Sai Wardha	MU	-	-	132.06			
	Sub total	MU	31,534.15	2,501.11	1,772.66		8,796.46	6,947.20
2.5	Traders							
	Station 1	MU	-	-	-		0	0
	Station 2	MU	-	-	-		0	0
	Station 3	MU	-	-	-		0	0
	Sub total	MU	-	-	-		-	-
2.6	Others							
	SSP	MU	1,209.94	102.76	42.18		304.97	124.82
	Pench	MU	136.50	11.59	12.34		34.41	24.69
	Inter State	MU		-	0.93		-	2.66
	NTPC NVVN Coal	MU	-	-	10.32		-	27.52
	Short Term	MU	-	-	247.42		-	2,253.00
	Inter state loss	MU	(1,274.00)	(106.17)	(554.03)		(318.50)	(585.94)
	Sub total	MU	72.44	8.19	(240.83)		20.88	1,846.75
	Total Power purchase from other sources (2.1+2.2+2.3+2.4+2.5+2.6)	MU	1,38,310.49	#####	9,295.65		36,495.90	30,234.78
3.0	Energy Availability							
3.1	Energy available for sale within the Licensee area (1+2)	MU	1,38,310.49	#####	9,295.65		36,495.90	30,234.78
	Infirm Non-PPA Wind power		888.00	74.00	-			
	Input for OA consumption		4,114.00	342.83	312.98			
	Energy injected and drawn at 33 Kv		573.00	47.75	48.61			
	Surplus power traded		1,106.00	92.17	21.71			
3.2	Energy available for sale within the Licensee area at transmission voltage	MU	1,41,633.49	11,711.65	9,608.63			
	Intra-state transmission loss		4,502.00	400.94	279.23			
3.3	Energy available for sale within the Licensee area at distribution voltage	MU	1,37,131.49	11,339.45	9,329.40			

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 17: Losses

Particulars	Units	Year	For the month			Cumulative upto the	
		Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Computed as per the sales approved for the entire year	Actual
Transmission Loss							
Net Energy input at Transmission Voltages	MU	1,41,633.49	11,711.65	9,608.63			
Energy Sales at Transmission Voltages (including EHV	MU	10,357.00	863.08	642.39			
Energy fed to Distribution System	MU	1,26,774.49	10,476.36	8,687.01			
Transmission Loss (=1.1 - 1.2 - 1.3)	MU	4,502.00	372.20	279.23			
Transmission Loss as % of Net Energy Input (=1.4 ÷ 1.1)	%	3.18%	3.18%	2.91%			
Distribution Loss							
Net Energy input at Distribution Voltages	MU	1,23,451.49	10,287.62	8,735.62			37,084.75
Energy sales (metered) at Distribution voltages	MU	92,427.90	7,702.33	6,984.75			26,659.51
Estimated consumption of unmetered categories of consumers	MU	8,783.32	731.94	711.39			3,330.88
Distribution Loss (=2.1 - 2.2 - 2.3)	MU	22,240.27	1,853.36	1,039.48			7,094.36
Distribution Loss as % of net energy input (=2.4 ÷ 2.1)	%	18%	18.0%	11.90%			19.13%
Excess Distribution Loss =[Distribution Loss (2.5) - Distribution loss approved] x Net Energy Input (2.1)	MU	-	-	413.40			413.40

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 19: Change in Power Purchase Cost

S. No.	Particulars	Units	Value
1	Average power purchase cost approved by the Commission (Form 17, Cell Ref. G50)	Rs./kWh	4.32
2	Actual average power purchase cost (Form 17, Cell Ref. L50)	Rs./kWh	4.45
3	Change in average power purchase cost (=2 -1)	Rs./kWh	0.13
4	Net Power Purchase (Form 17, Cell Ref. H50)	MU	9,827.97
5	Change in power purchase cost (=3 x 4/10)	Rs. Crore	132.01

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Jul-20

Financial Year : 2020-21

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

S. No.	Particulars	Units	Jul-20		
			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 generation	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.
Filing for the month Jul-20
Financial Year : 2020-21
Form 21: Adjustment for over-recovery/under-recovery

S. 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	-	-	-
1.2	Incremental cost in Month n-4 actually recovered in month n-2	Rs. Crore	-	-	-
1.3	(over-recovery)/under-recovery (=1.2 - 1.1)	Rs. Crore	-	-	-
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	-	-	-

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 22: Carrying cost for over-recovery/under-recovery

S. No.	Particulars	Units	Total
1	Adjustment factor for over-recovery/under-recovery (Sr. No. 3 of Form	Rs. Crore	-
2	Interest rate	%	-
3	Carrying cost for over-recovery/under-recovery	Rs. Crore	-

Ag	Non-Ag
-	-
-	-
-	-

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 23: Total Fuel Cost and Power Purchase Adjustment

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	Change in Fuel cost and power purchase cost attributable to Sales within the License Area (F) (Form 18)	Rs. Crore	132.01	15.08	116.92
2	Carrying cost for over-recovery/under-recovery (C) (Form 21)	Rs. Crore	-	-	-
3	Adjustment factor for over-recovery/under-recovery (B) (Form 20)	Rs. Crore	-	-	-
4	$Z_{FAC} = F+C+B$	Rs. Crore	132.01	15.08	116.92

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 24: FAC Fund

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	Opening Balance of FAC Fund	Rs. Crore	(377.35)	(78.28)	(299.06)
2	FAC for the month (Form 23 Sr. No. 4)	Rs. Crore	132.01	15.08	116.92
3	Holding cost of Fund	Rs. Crore	(2.64)	(0.55)	(2.09)
4	Closing Balance of FAC Fund (1+2)	Rs. Crore	(247.98)	(63.75)	(184.23)
5	Z _{FAC} leviable to consumer (equal to Sr. No. 3 if it is positive)	Rs. Crore	-	-	-
6	Z _{FAC} 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 Jul-20
Financial Year : 2020-21
Form 25: Calculation of FAC Charge

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	Energy Sales within the License Area	MU	8,338.53	1,794.81	6,543.72
2	Excess Distribution Loss	MU	413.40	88.98	324.42
3	Z _{FAC} leviable/refundable to consumer (Form 23)	Rs. Crore	132.01	15.08	116.92
4	Z _{FAC} per kWh	Rs./kWh	0.16	0.08	0.18
5	Cap at 20% of variable component of tariff	Rs./kWh			
6	FAC Charge allowable (Minimum of 4 and 5)	Rs./kWh	0.16	0.08	0.18

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Jul-20

Financial Year : 2020-21

Form 26: Calculation of FAC Charge for unmetered categories

S. No.	Unmetered consumer category	Jul-20			
		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.
Filing for the month Jul-20
Financial Year : 2020-21
Form 27: Recovery of FAC Charge

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	FAC leviable / refundable to consumer	Rs. Crore	132.01	15.08	116.92
2	FAC disallowed corresponding to excess Distribution Loss	Rs. Crore	6.54		
3	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of	Rs. Crore	6.54		
4	Carried forward FAC for recovery during future period (1-3-	Rs. Crore	118.92	15.08	116.92

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 28: FAC Summary

S. No.	Particulars	Units	Total	Ag	Non-Ag
1.0	Calculation of Z_{FAC}				
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	132.01	15.08	116.92
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	-	-	-
1.3	Adjustment factor for over-recovery/under-recovery (B)	Rs. Crore	-	-	-
1.4	Z_{FAC} = F+C+B	Rs. Crore	132.01	15.08	116.92
	Less: - FAC of Ag consumers to be billed in Billing Qtr of June 2020	Rs. Crore	-	-	-
	FAC to be Charged	Rs. Crore	132.01	15.08	116.92
2.1	Energy Sales within the License Area	MU	8,338.53	1,794.81	6,543.72
2.2	Excess Distribution Loss	MU	413.40	88.98	324.42
2.3	Z _{FAC} per kWh [(1.4/2.1)*10]	Rs./kWh	0.16	0.08	0.18
3.0	Allowable FAC				
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	6.54	0.75	5.80
3.2	FAC allowable [1.4-3.1]	Rs. Crore	125.46	14.33	111.13
4.0	Utilization of FAC Fund				
4.1	Opening Balance of FAC Fund	Rs. Crore	(377.35)	(78.28)	(299.06)
4.2	Z _{FAC} for the month (Sr. N. 3.2)	Rs. Crore	125.46	14.33	111.13
4.3	Holding cost of Fund	Rs. Crore	(2.64)	(0.55)	(2.09)
4.4	Closing Balance of FAC Fund	Rs. Crore	(254.52)	(64.50)	(190.03)
4.5	Z _{FAC} leviable/refundable to consumer	Rs. Crore	-	-	-
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	0	0	0

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 29: Category wise and slab wise FAC

S. No.	Consumer categories	Jul-20															
		ABR	Energy Charges	Average Cost of Supply	K -Factor= ABR/ACoS	Categorieswise FAC without cap	Categorieswise FAC with cap	Sales	PF%	Sales kWh	Rate per HP	FAC Amt. without cap	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under	FAC amount with CAP	Rate	Rate
		Rs./kWh	Rs./kWh	Rs./kWh				MU								Rs./kWh	Rs./kVah
1	LT Category							0									
	Domestic (LT-I)																
	BPL (0-30 Units)	3.69	1.12	7.31	0.50	0.09	0.22	6.41	1.00	6.41		0.06	(0.01)	0.05	0.14	0.07	
	Consumption > 30 Units per month																
	1-100 Units	6.03	3.46	7.31	0.82	0.15	0.69	1,332.55	1.00	1,332.55		19.64	(3.72)	15.92	92.21	0.12	
	101-300 Units	9.94	7.43	7.31	1.36	0.24	1.49	508.23	1.00	508.23		12.35	(2.34)	10.01	75.52	0.20	
	301-500 Units	12.84	10.32	7.31	1.76	0.31	2.06	76.80	1.00	76.80		2.41	(0.46)	1.95	15.85	0.25	
	Above 500 Units	13.54	11.71	7.31	1.85	0.33	2.34	370.07	1.00	370.07		12.25	(2.32)	9.93	86.67	0.27	
	Sub Total Domestic							2,287.64									
	Non Domestic (LT-II)																
	0-20 KW	10.61	7.36	7.31	1.45	0.26	1.47	254.80	1.00	254.80		6.61	(1.25)	5.36	37.51	0.21	
	>20-50 KW	14.01	10.72	7.31	1.92	0.34	2.14	43.89	1.00	43.89		1.50	(0.28)	1.22	9.41	0.28	
	>50 KW	16.11	12.83	7.31	2.20	0.39	2.57	29.61	1.00	29.61		1.17	(0.22)	0.94	7.60	0.32	
	Sub Total Non Dmestic							328.29									
	Public Water Works (LT-III)																
	0-20 KW	4.03	2.4	7.31	0.55	0.10	0.48	57.13	1.00	57.13		0.56	(0.11)	0.46	2.74	0.08	
	20-40 KW	5.68	3.78	7.31	0.78	0.14	0.76	6.71	1.00	6.71		0.09	(0.02)	0.08	0.51	0.11	
	above 40 kw	7.12	5.11	7.31	0.97	0.17	1.02	8.83	1.00	8.83		0.15	(0.03)	0.12	0.90	0.14	
	Sub Total PWW							72.66									
	Agriculture (LT-IV)																
	Unmetered Tariff																
	AG unmetered Pump set																
	Zone 1																
	A) 0-5 HP	4.45		7.31	0.61	0.05	-		1.00		5.52	-	-	-	-	-	
	B) 5HP -7.5 HP	4.37		7.31	0.60	0.05	-		1.00		5.42	-	-	-	-	-	
	C) Above 7.5 HP			7.31	-	-	-		1.00		-	-	-	-	-	-	
	Zone 2																
	A) 0-5 HP	4.38		7.31	0.60	0.05	-		1.00		5.43	-	-	-	-	-	
	B) 5HP -7.5 HP	5.08		7.31	0.69	0.06	-		1.00		6.30	-	-	-	-	-	
	C) Above 7.5 HP			7.31	-	-	-		1.00		-	-	-	-	-	-	
	Metered Tariff PUMP SETS	3.71	1.85	7.31	0.51	0.04	0.37		1.00	1,083.42		4.62	9.71	14.33	-	-	
	Metered Tariff OTHER	7.95	3.34	7.31	1.09	0.19	0.67	11.18	1.00	11.18		0.22	(0.04)	0.18	0.75	0.16	
	Sub Total Agriculture																
	LT Industries (LT-V)																
	0-20 KW	7.24	5.21	7.31	0.99	0.18	1.04	338.15	1.00	338.15		5.98	(1.13)	4.85	35.24	0.14	
	Above 20 KW	8.90	6.11	7.31	1.22	0.22	1.22	346.68	1.00	346.68		7.54	(1.43)	6.11	42.36	0.18	
	Sub Total LT Industries							684.83									
	Street Light (LT-VI)																
	Grampanchayat A, B & C Class Municipal Council	6.51	4.90	7.31	0.89	0.16	0.98	116.60	1.00	116.60		1.86	(0.35)	1.50	11.43	0.13	
	Municipal corporation Area	7.96	5.97	7.31	1.09	0.19	1.19	30.23	1.00	30.23		0.59	(0.11)	0.48	3.61	0.16	
	Sub Total Street Light							146.83									
	Public Services (LT X)																
	Government																
	0-20 KW	7.99	3.31	7.31	1.09	0.20	0.66	3.95	1.00	3.95		0.08	(0.01)	0.06	0.26	0.16	
	>20-50 KW	7.8	4.89	7.31	1.07	0.19	0.98	0.88	1.00	0.88		0.02	(0.00)	0.01	0.09	0.15	
	>50 KW	8.84	6.01	7.31	1.21	0.22	1.20	0.79	1.00	0.79		0.02	(0.00)	0.01	0.09	0.18	
	Other																
	0-20 KW	7.39	4.86	7.31	1.01	0.18	0.97	19.15	1.00	19.15		0.35	(0.07)	0.28	1.86	0.15	
	>20-50 KW	10.43	7.44	7.31	1.43	0.25	1.49	6.27	1.00	6.27		0.16	(0.03)	0.13	0.93	0.21	
	>50 KW	10.52	7.84	7.31	1.44	0.26	1.57	8.00	1.00	8.00		0.21	(0.04)	0.17	1.25	0.21	
								5.61									
	LT XI: LT – Electric Vehicle (EV) Charging Stations	5.50	4.05	7.31	0.75	0.13	0.81	0.02	1.00	0.02		0.00	(0.00)	0.00	0.00	0.11	
	Total LT Category					5.16		3,543.47		4,660.31		78.42	(4.28)	74.15	426.94		-

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Jul-20
Financial Year : 2020-21
Form 29: Category wise and slab wise FAC

S. No.	Consumer categories	Jul-20															
		ABR	Energy Charges	Average Cost of Supply	K -Factor= ABR/ACoS	Categorieswise FAC without cap	Categorieswise FAC with cap	Sales	PF%	Sales kWh	Rate per HP	FAC Amt. without cap	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under	FAC amount with CAP	Rate	Rate
		Rs./kWh	Rs./kWh	Rs./kWh				MU								Rs./kWh	Rs./kVah
	HT Category																
	HT																
	Industry (General)	8.55	7.02	7.31	1.19	0.21	1.43	1,654.44	0.98	1,623.22		34.58	(6.55)	28.02	232.28	0.17	0.17
	Industry (Seasonal)	10.22	7.28	7.31	1.62	0.29	1.68	7.97	0.86	6.89		0.20	(0.04)	0.16	1.16	0.23	0.20
	Commercial	13.46	11.47	7.31	1.90	0.34	2.36	94.04	0.97	91.30		3.09	(0.59)	2.51	21.57	0.27	0.27
	Railways/Metro/Monorail	8.40	6.76	7.31	1.16	0.21	1.37	5.52	0.99	5.45		0.11	(0.02)	0.09	0.75	0.17	0.17
	Public Water Works (PWW)	7.39	6.07	7.31	1.06	0.19	1.27	136.56	0.96	130.56		2.47	(0.47)	2.00	16.58	0.15	0.15
	Agricultural - Pumpsets	4.74	3.79	7.31	0.72	0.13	0.85	18.43	0.90	16.50		0.21	(0.04)	0.17	1.40	0.10	0.09
	Agricultural - Others	6.01	5.20	7.31	0.86	0.15	1.09	20.56	0.96	19.69		0.30	(0.06)	0.24	2.14	0.12	0.12
	Group Housing Society (Residential)	7.27	5.70	7.31	1.02	0.18	1.17	17.54	0.97	17.03		0.31	(0.06)	0.25	2.00	0.15	0.14
	Public Services - Government	9.28	7.74	7.31	1.30	0.23	1.59	20.24	0.97	19.70		0.46	(0.09)	0.37	3.13	0.19	0.18
	Public Services - Others	11.25	9.48	7.31	1.58	0.28	1.94	49.95	0.98	48.80		1.37	(0.26)	1.11	9.47	0.23	0.22
	Electric Vehicle Charging Stations	8.29	4.93	7.31	1.14	0.20	0.99	0.01	0.99	0.01		0.00	(0.00)	0.00	0.00	0.17	0.16
	EHV			7.31	-	-	-	-		-							
	Industry (General)	8.36	7.02	7.31	1.16	0.21	1.42	964.77	0.99	955.08		19.71	(3.74)	15.98	135.45	0.17	0.17
	Industry (Seasonal)	11.01	7.28	7.31	1.52	0.27	1.47	0.10	0.99	0.10		0.00	(0.00)	0.00	0.02	0.22	0.22
	Commercial	14.58	11.47	7.31	2.00	0.36	2.31	2.34	0.99	2.32		0.08	(0.02)	0.07	0.54	0.29	0.29
	Railways/Metro/Monorail	7.08	6.76	7.31	1.62	0.29	2.27	0.36	0.60	0.22		0.01	(0.00)	0.01	0.05	0.24	0.14
	Public Water Works (PWW)	6.67	6.07	7.31	0.92	0.16	1.22	9.76	1.00	9.72		0.16	(0.03)	0.13	1.18	0.13	0.13
	Agricultural - Pumpsets	3.95	3.79	7.31	0.60	0.11	0.83	2.23	0.91	2.02		0.02	(0.00)	0.02	0.17	0.09	0.08
	Agricultural - Others		5.20	7.31	-	-	1.04			-		-	-	-	-	-	-
	Group Housing Society (Residential)	5.70	5.70	7.31	0.80	0.14	1.17	1.91	0.97	1.85		0.03	(0.01)	0.02	0.22	0.12	0.11
	Public Services - Government		7.74	7.31	-	-	1.55			-		-	-	-	-	-	-
	Public Services - Others	10.13	9.48	7.31	1.39	0.25	1.90	7.88	1.00	7.87		0.20	(0.04)	0.16	1.49	0.20	0.20
	Electric Vehicle Charging Stations		4.93	7.31	-	-	0.99			-		-	-	-	-	-	-
	Total HT Category					4.21	31.91	3,014.59		2,958.34		63.32	(12.00)	51.32	429.60		3.22
	Grand Total					9.37	31.91	6,558.06		7,618.65		141.74	(16.28)	125.46	856.53		3.22