

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-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)	3,728.77	5,166.61	8,895.38
2	Actual Sales in Tariff Order (MU)	3,287.41	5,537.20	8,824.61
3	Difference (2-1)	(441.36)	370.59	(70.77)

B. Distribution Loss

Sr. No.	Particulars	
1	Approved Distribution Loss Target (%)	18.02%
2	Actual Cumulative Dist. Loss (%)	9.77%
3	Difference (2-1)	-8.24%

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	8,419.65	3,422.24	4.06	8,011.03	3,323.04	4.15	(408.61)	(99.20)	0.08
2	Gas	287.87	118.47	4.12	245.92	79.22	3.22	(41.95)	(39.24)	(0.89)
3	Hydro	391.13	94.49	2.42	516.00	125.61	2.43	124.87	31.12	0.02
4	Nuclear	405.39	115.65	2.85	257.31	87.31	3.39	(148.08)	(28.34)	0.54
5	Solar	654.00	322.65	4.93	428.97	191.51	4.46	(225.03)	(131.14)	(0.47)
6	Non Solar	559.00	202.24	3.62	334.97	137.21	4.10	(224.03)	(65.03)	0.48
7	Short Term	-	-	-	141.64	41.34	2.92	141.64	41.34	2.92
8	REC	-	10.83	-	-	-	-	-	(10.83)	-
9	Inter state transmission	-	276.79	-	-	355.54	-	-	78.76	-
10	Sale of surplus power	-	-	-	(20.95)	(7.62)	3.64	(20.95)	(7.62)	3.64
	Total	10,717.03	4,563.36	4.26	9,914.90	4,333.17	4.37	(802.14)	(230.18)	0.11

D. FAC computation for the month

S. No.	Particulars	Units	Month Sep-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	111.37
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	111.37
2.0	Calculation of FAC Charge		
2.1	Energy Sales within the License Area	MU	8,824.61
2.2	Excess Distribution Loss	MU	-
2.3	Z _{FAC} per kWh [(1.3/2.1)*10]	Rs./kWh	0.13
3.0	Allowable FAC		
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	-
3.2	FAC allowable [1.4-3.1]	Rs. Crore	111.37

E. FAC leviable to Consumers

S. No.	Particulars	Units	Month Sep-20
1.0	Opening Balance of FAC Fund	Rs. Crore	(122.79)
2.0	FAC Allowable as computed in above table	Rs. Crore	111.37
3.0	Holding cost of Fund	Rs. Crore	(0.80)
4.0	Closing Balance of FAC Fund	Rs. Crore	(12.22)
5.0	FAC leviable/refundable to consumer	Rs. Crore	21.85

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

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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					MSPGCL							
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MMT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel	Fuel available under FSA WCL	Fuel available under FSA MCL	Fuel available under FSA SECL	Fuel available under FSA SCCL	Reallocat ion of Coal - WCL Raw	Reallocat ion of Coal MCL Raw	Reallocat ion of Coal SECL raw	Reallocat ion of Coal SCCL raw
State Generating Stations											MMT	MMT	MMT	MMT	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	0.330	0.000	0.400	0.000	0.004	0.000	0.100	0.000
2	Bhusawal TPS	Bhusawal - 4	500	500	Coal	2.68	WCL,SECL	3.5	1.85		1.590	0.000	1.910	0.000	0.000	0.000	1.160	0.000
3	Bhusawal TPS	Bhusawal - 5	500	500	Coal	2.68	WCL,SECL				0.930	3.070	1.000	0.000	1.400	0.614	0.200	0.000
4	Khaparkhedda TPS	Khaparkhedda - 1 to 4	840	840	Coal	4.98	WCL, MCL, SECL	5	-0.04		0.500	0.810	1.000	0.000	1.017	0.165	0.200	0.000
5	Khaparkhedda TPS	Khaparkhedda - 5	500	500	Coal	2.68	WCL, MCL, SECL	2.31	0.36		2.350	0.000	0.720	0.000	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		11.890	0.000	0.910	0.000	10.170	0.000	0.000	0.000
7	Chandrapur TPS	Chandrapur - 3	210	210	Coal	1.20	WCL,SECL											
8	Chandrapur TPS	Chandrapur - 4	210	210	Coal	1.20	WCL,SECL											
9	Chandrapur TPS	Chandrapur - 5	500	500	Coal	2.85	WCL,SECL	12.8	-1.88									
10	Chandrapur TPS	Chandrapur - 6	500	500	Coal	2.85	WCL,SECL											
11	Chandrapur TPS	Chandrapur - 7	500	500	Coal	2.85	WCL,SECL											
12	Paras TPS	Paras - 3	250	250	Coal	1.37	WCL	2.5	0.24		2.500	0.000	0.000	0.000	1.530	0.000	0.000	0.000
13	Paras TPS	Paras - 4	250	250	Coal	1.37	WCL											
14	Parli TPS	Parli - 6	250	250	Coal	1.37	WCL				2.360	0.000	0.000	0.000	0.150	0.000	0.000	0.600
15	Parli TPS	Parli - 7	250	250	Coal	1.37	WCL											
16	Koradi TPS	Koradi - 6	210	210	Coal	1.05	WCL, MCL, SECL	2.19	-0.11	0.340	1.100	0.750	0.000	0.000	0.220	0.000	0.000	
17	Koradi TPS	Koradi - 7	210	210	Coal	1.05	WCL, MCL, SECL											
18	GTPS Uran	GTPS Uran	672	672	Gas	3.5 MMSCMD	GAIL	1.89 MMSCMD	1.6 MMSCMD	No alternate arrangement at prevailing APM price								
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	Hydro													
20	Parli TPS	Parli Replacement U 8	250	250	Coal	1.37	WCL,SCCL	1.71	-0.34		1.060	0.000	0.000	0.650	0.000	0.000	0.000	0.350
21	Chandrapur TPS	Chandrapur - 8	500	500	Coal	2.68	WCL	3.47	1.88		3.470	0.000	0.000	0.000	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		5.200	0.000	0.000	0.980	5.670	0.000	0.000	0.600
24	Koradi TPS	Koradi 9	660	660	Coal	3.32	(Bridge											
25	Koradi TPS	Koradi10	660	660	Coal	3.32	linkage)											
26	MSPGCL Under Case IV	MSPGCL Dhariwal</																

Maharashtra State Electricity Distribution Co. Ltd.
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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					MSPGCL							
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MMT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel	Fuel available under FSA WCL	Fuel available under FSA MCL	Fuel available under FSA SECL	Fuel available under FSA SCCL	Reallocation of Coal - WCL Raw	Reallocation of Coal MCL Raw	Reallocation of Coal SECL raw	Reallocation of Coal SCCL raw
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	0.12										
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	125	Coal	12.50	SECL/WCL/MCL	4.91 MMT (for 1180 MW) 5.85 MMT (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	2.6										
8	RattanIndia Amravati Power station 450 MW	1 to 5	1320	450	coal	1.91	SECL	5.49										
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	0.093		Special Forward E-Auction								

Maharashtra State Electricity Distribution Co
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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	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				
12	Paras TPS	Paras - 3	0.000	1.200	0.000	2.730
13	Paras TPS	Paras - 4				
14	Parli TPS	Parli - 6	0.000	2.200	0.000	2.950
15	Parli TPS	Parli - 7				
16	Koradi TPS	Koradi - 6	1.512	0.000	0.130	1.862
17	Koradi TPS	Koradi - 7				
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	Koradi10				
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				
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- I)				

Maharashtra State Electricity Distribution Co
Filing for the month Sep-20
Financial Year : 2020-21
Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit				
			Washed coal	MoU coal	Imported coal	Net coal availability as per FUP
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.**Filing for the month Sep-20****Financial Year : 2020-21**

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 Generating Stations														
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%	89.71%	93.73%	92.06%	87.64%	0.00%	13.03%	97.06%
3	Bhusawal TPS	Bhusawal - 5	500	500	470	Coal	85%	88.45%	92.45%	93.46%	91.14%	92.10%	91.60%	95.62%
4	Khaparkhedda TPS	Khaparkhedda - 1	840	840	760	Coal	85%	59.18%	63.11%	68.80%	60.11%	64.18%	68.77%	59.97%
5	Khaparkhedda TPS	Khaparkhedda - 5	500	500	470	Coal	85%	83.41%	81.06%	81.79%	79.01%	80.90%	89.26%	89.70%
6	Nashik TPS	Nashik- 3	210	210		Coal	80%	97.11%	97.11%	97.11%	97.11%	97.11%	97.11%	0.00%
		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%	83.99%	86.17%	86.17%	86.17%	85.47%	80.80%	83.78%
8	Chandrapur TPS	Chandrapur - 4	210	210	192	Coal	80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	43.38%
9	Chandrapur TPS	Chandrapur - 5	500	500	457	Coal	80%	80.80%	81.04%	82.00%	82.18%	82.18%	80.79%	75.15%
10	Chandrapur TPS	Chandrapur - 6	500	500	457	Coal	80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11	Chandrapur TPS	Chandrapur - 7	500	500	457	Coal	80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	Paras TPS	Paras - 3	250	250	227	Coal	85%	64.65%	91.01%	68.42%	70.03%	64.54%	56.06%	84.71%
13	Paras TPS	Paras - 4	250	250	227	Coal	85%	59.78%	53.74%	73.44%	67.37%	24.15%	51.27%	94.77%
14	Parli TPS	Parli - 6	250	250	227	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	12.86%
15	Parli TPS	Parli - 7	250	250	227	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	62.10%
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%	40.98%	38.44%	40.36%	40.41%	40.54%	40.00%	40.72%
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585		Hydro	90%							
20	Parli TPS	Parli Replacement	250	250	250	Coal	85%	100.00%	58.39%	100.00%	100.00%	100.00%	100.00%	100.00%
21	Chandrapur TPS	Chandrapur - 8	500	500	470	Coal	85%	94.21%	93.98%	96.74%	87.92%	93.68%	92.42%	94.41%
22	Chandrapur TPS	Chandrapur - 9	500	500	470	Coal	85%	5.08%	92.46%	94.45%	96.13%	95.61%	94.33%	96.13%
23	Koradi TPS	Koradi R U-8	660	660	589	Coal	85%	64.54%	67.13%	71.18%	74.82%	77.40%	76.92%	64.72%
24	Koradi TPS	Koradi 9	660	660	589	Coal	85%	59.80%	61.72%	69.28%	69.99%	73.06%	71.42%	62.59%
25	Koradi TPS	Koradi10	660	660	589	Coal	85%	55.12%	52.16%	51.96%	53.99%	61.79%	62.08%	51.85%
26	MSPGCL Under Case IV	MSPGCL Dharwad	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%
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%

Maharashtra State Electricity Distribution Co. Ltd.**Filing for the month Sep-20****Financial Year : 2020-21**

Form 2: Station wise normative Vs actual Availability

[illegible]

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

S. No.	Name of Station	Name of Unit	Actual Availabilit y for the Day 8	Actual Availabilit y for the Day 9	Actual Availabilit y for the Day 10	Actual Availabilit y for the Day 11	Actual Availabilit y for the Day 12	Actual Availabilit y for the Day 13	Actual Availabilit y for the Day 14	Actual Availabilit y for the Day 15	Actual Availabilit y for the Day 16	Actual Availabilit y for the Day 17	Actual Availabilit y for the Day 18	Actual Availabilit y for the Day 19
State Generating Stations														
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	93.96%	80.95%	96.30%	95.00%	89.73%	100.00%	99.08%	95.90%	91.65%	100.00%	100.00%	98.95%
3	Bhusawal TPS	Bhusawal - 5	96.27%	86.07%	90.04%	100.00%	100.00%	100.00%	98.15%	93.65%	94.10%	97.92%	100.00%	96.68%
4	Khaparkheda TPS	Khaparkheda - 1	59.43%	71.06%	75.37%	77.37%	79.51%	84.62%	84.49%	83.29%	83.22%	84.82%	85.45%	74.89%
5	Khaparkheda TPS	Khaparkheda - 5	91.30%	91.86%	81.60%	91.37%	92.40%	94.18%	95.13%	94.86%	96.78%	96.21%	97.74%	96.51%
6	Nashik TPS	Nashik- 3	0.00%	0.00%	0.00%	0.00%	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	78.93%	81.09%	82.01%	82.83%	80.80%	82.35%	80.92%	76.47%	78.76%	80.31%	80.31%	80.68%
8	Chandrapur TPS	Chandrapur - 4	75.79%	77.11%	76.78%	76.78%	75.34%	76.78%	74.50%	73.90%	76.78%	75.95%	76.78%	73.52%
9	Chandrapur TPS	Chandrapur - 5	78.55%	82.18%	82.18%	82.18%	85.18%	83.41%	85.18%	84.70%	83.62%	82.10%	85.18%	81.43%
10	Chandrapur TPS	Chandrapur - 6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34.20%	82.12%	85.18%	85.18%	83.88%
11	Chandrapur TPS	Chandrapur - 7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	Paras TPS	Paras - 3	62.12%	68.63%	81.17%	66.91%	73.72%	81.18%	62.41%	81.96%	99.76%	87.90%	96.70%	98.71%
13	Paras TPS	Paras - 4	75.68%	50.90%	62.97%	60.25%	71.87%	82.91%	73.87%	93.65%	86.40%	94.99%	91.78%	99.56%
14	Parli TPS	Parli - 6	97.42%	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	97.42%	92.35%	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	40.83%	40.59%	41.21%	41.30%	41.24%	38.31%	40.03%	20.12%	22.09%	41.86%	42.23%	27.99%
19	MSPGCL Hydro	Hydro (Ghatghar)												
20	Parli TPS	Parli Replacemen	97.25%	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	92.95%	90.31%	91.06%	93.92%	89.84%	87.85%	92.36%	92.09%	92.46%	89.69%	92.76%	91.84%
22	Chandrapur TPS	Chandrapur - 9	96.13%	95.57%	94.98%	94.76%	95.38%	91.61%	96.13%	95.34%	94.83%	94.86%	95.13%	91.45%
23	Koradi TPS	Koradi R U-8	70.84%	86.06%	78.28%	69.67%	81.32%	82.52%	77.83%	83.67%	82.17%	82.38%	75.74%	69.00%
24	Koradi TPS	Koradi 9	75.75%	82.82%	71.27%	66.45%	79.21%	78.72%	74.40%	75.75%	74.54%	79.40%	69.30%	68.80%
25	Koradi TPS	Koradi10	56.24%	63.15%	60.87%	55.04%	61.72%	60.77%	60.79%	56.60%	59.99%	61.75%	59.81%	59.81%
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%	93.31%	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	86.20%	85.20%	85.33%	86.70%	87.53%	82.10%	84.73%	87.31%	86.35%	85.65%	86.06%	87.54%
4	VSTP II	Unit-I, II	93.56%	93.56%	92.76%	88.24%	92.81%	93.37%	93.56%	93.06%	93.56%	93.56%	93.56%	93.56%
5	VSTP III	Unit-I, II	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%
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%

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

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

S. No.	Name of Station	Name of Unit	Actual Availability for the Day 20	Actual Availability for the Day 21	Actual Availability for the Day 22	Actual Availability for the Day 23	Actual Availability for the Day 24	Actual Availability for the Day 25	Actual Availability for the Day 26	Actual Availability for the Day 27	Actual Availability for the Day 28	Actual Availability for the Day 29	Actual Availability for the Day 30	Actual Average Availability for the month (%)
State Generating Stations														
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	100.00%	100.00%	100.00%	100.00%	100.00%	86.88%	99.90%	100.00%	96.36%	96.24%	96.33%	89.68%
3	Bhusawal TPS	Bhusawal - 5	98.76%	88.23%	84.80%	74.63%	90.74%	95.16%	99.37%	100.00%	96.75%	76.60%	97.15%	93.33%
4	Khaparkheda TPS	Khaparkheda - 1	85.97%	82.50%	78.84%	78.30%	69.65%	74.62%	82.77%	71.66%	57.52%	71.95%	73.44%	73.83%
5	Khaparkheda TPS	Khaparkheda - 5	95.59%	91.59%	87.17%	90.44%	85.82%	92.87%	91.52%	88.55%	83.67%	86.23%	87.66%	89.54%
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%	80.92%
		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%	98.67%
7	Chandrapur TPS	Chandrapur - 3	75.14%	72.48%	73.88%	77.89%	77.89%	78.93%	78.64%	75.95%	78.33%	76.83%	70.03%	79.80%
8	Chandrapur TPS	Chandrapur - 4	73.38%	74.79%	74.61%	76.78%	74.45%	76.78%	76.78%	76.14%	76.78%	75.11%	71.04%	59.34%
9	Chandrapur TPS	Chandrapur - 5	81.24%	81.72%	82.63%	78.77%	79.77%	81.82%	81.67%	84.00%	85.18%	85.02%	82.97%	82.16%
10	Chandrapur TPS	Chandrapur - 6	83.72%	79.04%	84.14%	78.58%	78.93%	85.01%	84.71%	85.18%	74.97%	73.70%	85.18%	82.12%
11	Chandrapur TPS	Chandrapur - 7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.06%	6.67%	0.00%	0.36%
12	Paras TPS	Paras - 3	82.92%	75.23%	71.75%	79.17%	79.48%	87.36%	90.59%	79.02%	92.20%	86.54%	94.47%	79.31%
13	Paras TPS	Paras - 4	89.54%	85.16%	68.25%	80.25%	67.10%	71.64%	96.58%	84.10%	96.40%	86.48%	49.15%	74.80%
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%	97.01%
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%	98.40%
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	41.37%	18.43%	19.87%	17.90%	17.66%	17.53%	17.72%	21.73%	40.45%	40.56%	40.41%	33.76%
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%	98.47%
21	Chandrapur TPS	Chandrapur - 8	85.90%	92.09%	91.65%	86.60%	87.74%	90.19%	88.91%	92.28%	91.38%	90.23%	87.54%	91.17%
22	Chandrapur TPS	Chandrapur - 9	94.56%	91.23%	93.98%	90.28%	89.29%	92.14%	91.83%	89.88%	89.19%	87.80%	93.18%	90.46%
23	Koradi TPS	Koradi R U-8	56.48%	44.14%	74.86%	69.02%	68.34%	70.27%	81.35%	67.19%	68.47%	59.52%	51.12%	71.57%
24	Koradi TPS	Koradi 9	63.42%	35.40%	73.12%	66.51%	62.76%	65.87%	78.55%	57.34%	69.49%	65.80%	52.31%	68.49%
25	Koradi TPS	Koradi 10	48.24%	28.22%	0.00%	0.00%	0.00%	0.00%	0.00%	28.07%	60.23%	59.94%	52.00%	46.07%
26	MSPGCL Under Case IV	MSPGCL Dhariw												
27	Dodson	Dodson I												
28	Dodson	Dodson II												
Central Generating Stations														Maharashtra's share
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%	93.28%
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%	83.55%
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%	73.17%
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%	94.38%
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%	87.64%
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%	93.70%

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

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

S. No.	Name of Station	Name of Unit	Actual Average Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
State Generating Stations					
1	Bhusawal TPS	Bhusawal - 3			
2	Bhusawal TPS	Bhusawal - 4			
3	Bhusawal TPS	Bhusawal - 5			
4	Khaparkheda TPS	Khaparkheda - 1		MERC Availability was not achieved due to losses on External Factors like PCQ, Backing Down as per LD, etc	
5	Khaparkheda TPS	Khaparkheda - 5			
6	Nashik TPS	Nashik- 3		Low System Demand / Bioler validity	
		Nashik- 4			
		Nashik- 5			
7	Chandrapur TPS	Chandrapur - 3		Duct Leakages, CVSM Problem	
8	Chandrapur TPS	Chandrapur - 4		Unit outage due to IPT Diff Expansion	
9	Chandrapur TPS	Chandrapur - 5			
10	Chandrapur TPS	Chandrapur - 6		Unit Outage due to BTL	
11	Chandrapur TPS	Chandrapur - 7		Unit Outage GTR-7R Problem	
12	Paras TPS	Paras - 3		Under forced outage From 22-09-2020 @20.15Hrs To 22-09-2020 @23.33Hrs	
13	Paras TPS	Paras - 4		Under forced outage From 05-09-2020 @05.00Hrs To 05-09-2020 @16.22Hrs	
				Under forced outage From 22-09-2020 @13.41Hrs To 22-09-2020 @17.00Hrs	
				Under forced outage From 24-09-2020 @08.13Hrs To 24-09-2020 @10.27Hrs	
14	Parli TPS	Parli - 6			
15	Parli TPS	Parli - 7			
16	Koradi TPS	Koradi - 6			
17	Koradi TPS	Koradi - 7		under Zero zero schedule From 06.09.2019	
18	GTPS Uran	GTPS Uran		GT-7, GT-8 & B0 unit were unavailable during the month.	
19	MSPGCL Hydro	Hydro (Ghatghar)			
20	Parli TPS	Parli Replacement			
21	Chandrapur TPS	Chandrapur - 8			
22	Chandrapur TPS	Chandrapur - 9			
23	Koradi TPS	Koradi R U-8			
24	Koradi TPS	Koradi 9			
25	Koradi TPS	Koradi10			
26	MSPGCL Under Case IV	MSPGCL Dhariw			
27	Dodson	Dodson I			
28	Dodson	Dodson II			
Central Generating Stations			Plant Availability as per REA		
1	KSTPS	Unit-I to VI	94.34%		
2	KSTPS III	-	101.95%		
3	VSTP I	Unit-I to VI	92.75%		
4	VSTP II	Unit-I, II	103.13%		
5	VSTP III	Unit-I, II	103.04%		
6	VSTP IV	Unit-I, II	101.28%		
7	VSTP V	Unit-I	103.01%		

Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Sep-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 (%)	Reasons for lower Availability	Efforts taken to improve Availability
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	83.11%		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV	85.84%		
10	KhSTPS-II	Unit-I to III	51.59%		
11	SIPAT TPS 2	Unit-I, II	100.72%		
12	SIPAT TPS 1	Unit-I to III	92.72%		
13	Mauda I	Unit-I, II	101.99%		
14	Mauda II	Unit-I, II	98.77%		
15	NTPC Solapur 2	-			
16	NTPC Solapur	Unit-I, II	98.11%		
17	Lara	Unit-I	100.01%		
18	Gadarwara	Unit-I	72.58%		
19	Khargone	Unit-I, II	100.73%		
20	KAPP				
21	TAPP 1&2				
22	TAPP 3&4				
	Total				
IPPs					
1	JSW Ratnagiri	Unit 1			
2	CGPL Mundra	Unit 10 to 50			
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5			
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5			
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3		Unit 2 withdrawn at 19.41 hrs on 01.09.2020 due to APH-2A hot PA bellow leakage.	
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5			
7	GMR Energy Limited	Unit 1			
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5			
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6			
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4			

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
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	0	414777		
2	Bhusawal TPS	Bhusawal - 4	500	500	223286	443389	586370		
3	Bhusawal TPS	Bhusawal - 5	500	500	223286				
4	Khaparkheda TPS	Khaparkheda - 1 to	840	840	415397	371285	485893		
5	Khaparkheda TPS	Khaparkheda - 5	500	500	223286	235031	402872		
6	Nashik TPS	Nashik- 3,4 & 5	630	420	307046	0	223220		
7	Chandrapur TPS	Chandrapur - 3	210	210	99896	747953	1115760		
8	Chandrapur TPS	Chandrapur - 4	210	210	99896				
9	Chandrapur TPS	Chandrapur - 5	500	500	237847				
10	Chandrapur TPS	Chandrapur - 6	500	500	237847				
11	Chandrapur TPS	Chandrapur - 7	500	500	237847				
12	Paras TPS	Paras - 3	250	250	114228	233694	318361		
13	Paras TPS	Paras - 4	250	250	114228				
14	Parli TPS	Parli - 6	250	250	114228	6781	174362		
15	Parli TPS	Parli - 7	250	250	114228				
16	Koradi TPS	Koradi - 6	210	210	87699	0	125839		
17	Koradi TPS	Koradi - 7	210	210	87699				
18	GTPS Uran	GTPS Uran	672	672	-	40283821	40283821		
19	MSPGCL Hydro	Hydro (Ghatghar)	2585	2,585	-	-	-		
20	Parli TPS	Parli Replacement U	250	250	114228	9560	83426		
21	Chandrapur TPS	Chandrapur - 8	500	500	223286	471111	545203		
22	Chandrapur TPS	Chandrapur - 9	500	500	223286				
23	Koradi TPS	Koradi R U-8	660	660	276743	544927	800694		
24	Koradi TPS	Koradi 9	660	660	276743				
25	Koradi TPS	Koradi 10	660	660	276743				
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	862782	940125	1467127		
2	KSTPS III	-	500	120	201369				
3	VSTP I	Unit-I to VI	1260	432	616265	2359651	2734017		
4	VSTP II	Unit-I, II	1000	336	470956				
5	VSTP III	Unit-I, II	1000	275	466938				
6	VSTP IV	Unit-I, II	1000	294	460850				
7	VSTP V	Unit-I	500	161	232909				
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 D)	648	200		0	0		
10	KhSTPS-II	Unit-I to III	1500	148	777167	636572	1371489		
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	435175	1314989	1617454		
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	835465				
13	Mauda I	Unit-I, II	1000	394	429861	59781	1132112		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
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
14	Mauda II	Unit-I, II	1320	531	569950	57761	1152112		
15	NTPC Solapur 2	-	-		-				
16	NTPC Solapur	Unit-I, II	1320	642	614713	186679	869430		
17	Lara	Unit-I	800	114	357780	373908	543924		
18	Gadarwara	Unit-I	800	25	314251	215341	418134		
19	Khargone	Unit-I, II	1320	50	478385	96967	368411		
20	KAPP		440	152					
21	TAPP 1&2		320	160					
22	TAPP 3&4		1080	393					
IPPs									
1	JSW Ratnagiri	Unit 1	300	300	77682	55000	83224		
2	CGPL Mundra	Unit 10 to 50	4000	760	176086	881540	1455437		
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	125	1026993	964248	1411417		
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	214982	268238.93	287101.36		
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	1320	450	156788	0	0		
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	1320	750	261313				
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	540	240	96216	64593.63	119770.42		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
Form 4: Implementation of Fuel Utilisation Plan

Sr. No.	Name of Generating Station	Name of Units	Fuel Requireme nt of Each Unit/Station n (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	414777	3.915	0.00%		
2	Bhusawal TPS	Bhusawal - 4	223286	586370	2.783	63.04%		
3	Bhusawal TPS	Bhusawal - 5	223286					
4	Khaparkheda TPS	Khaparkheda - 1 to 4	415397	485893	2.726	70.76%		
5	Khaparkheda TPS	Khaparkheda - 5	223286	402872	2.396	81.16%		
6	Nashik TPS	Nashik- 3,4 & 5	307046	223220	3.394	0.00%	Tolling of Coal to IPP under CASE - IV	
7	Chandrapur TPS	Chandrapur - 3	99896	1115760	2.454	46.03%		
8	Chandrapur TPS	Chandrapur - 4	99896					
9	Chandrapur TPS	Chandrapur - 5	237847					
10	Chandrapur TPS	Chandrapur - 6	237847					
11	Chandrapur TPS	Chandrapur - 7	237847					
12	Paras TPS	Paras - 3	114228	318361	2.295	71.13%		
13	Paras TPS	Paras - 4	114228					
14	Parli TPS	Parli - 6	114228	174362	3.158	13.92%		
15	Parli TPS	Parli - 7	114228					
16	Koradi TPS	Koradi - 6	87699	125839	3.136	0.00%		
17	Koradi TPS	Koradi - 7	87699					
18	GTPS Uran	GTPS Uran	-	40283821	1.762	33.76%		
19	MSPGCL Hydro	Hydro (Ghatghar)	-	-				
20	Parli TPS	Parli Replacement U 8	114228	83426	3.141	35.61%		
21	Chandrapur TPS	Chandrapur - 8	223286	545203	2.309	83.56%		
22	Chandrapur TPS	Chandrapur - 9	223286					
23	Koradi TPS	Koradi R U-8	276743	800694	2.491	60.49%		
24	Koradi TPS	Koradi 9	276743					
25	Koradi TPS	Koradi10	276743					
26	MSPGCL Under Case IV	MSPGCL Dhariwal						
27	Dodson	Dodson I						
28	Dodson	Dodson II						
Central Generating Stations								
1	KSTPS	Unit-I to VI	862782	1467127	1.316	91.63%		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
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	%		
2	KSTPS III	-	201369	1407127	1.296	94.57%		
3	VSTP I	Unit-I to VI	616265	2734017	1.628	87.88%		
4	VSTP II	Unit-I, II	470956		1.568	96.59%		
5	VSTP III	Unit-I, II	466938		1.554	98.35%		
6	VSTP IV	Unit-I, II	460850		1.536	97.61%		
7	VSTP V	Unit-I	232909		1.589	96.28%		
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: 1.975 N-APM: 2.057	35.82%		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)		0	APM: 1.975 RLNG: 5.385	33.19%		
10	KhSTPS-II	Unit-I to III	777167	1371489	2.171	51.24%		
11	SIPAT TPS 2	Unit-I, II	435175	1617454	1.551	98.33%		
12	SIPAT TPS 1	Unit-I to III	835465		1.504	91.49%		
13	Mauda I	Unit-I, II	429861	1132112	2.928	47.53%		
14	Mauda II	Unit-I, II	569950		2.942	17.70%		
15	NTPC Solapur 2	-	-			0.00%		
16	NTPC Solapur	Unit-I, II	614713	869430	2.854	26.90%		
17	Lara	Unit-I	357780	543924	1.861	86.81%		
18	Gadarwara	Unit-I	314251	418134	2.469	50.04%		
19	Khargone	Unit-I, II	478385	368411	2.781	19.46%		
20	KAPP				2.2874			
21	TAPP 1&2				2.4143			
22	TAPP 3&4				3.3909			
IPPs								
1	JSW Ratnagiri	Unit 1	77682	83,224	2.3269	83.84%		
2	CGPL Mundra	Unit 10 to 50	176086	14,55,437	1.9217	84.52%		
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	1026993	14,11,417	2.7407	78.96%		
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3			1.8045	46.20%		
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5			2.7407	78.96%		
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5			2.8007	16.34%		
7	GMR Energy Limited	Unit 1	214982	2,87,101	2.3856	87.91%		
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	156788	0	0.0000	0.00%		
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	261313			0.00%		
10	Sai Wardha Power Generation Limited, 240 MW PPA Warora	Unit 1 to 4	96216	1,19,770	0.0000	0.00%		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
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	Actual Net Generation for the Day 10	Actual Net Generation for the Day 11
State Generating Stations																		
1	Bhusawal TPS	Bhusawal - 3	210	210	80%	3.5800	4.49	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.06	-0.06	-0.05	-0.06
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	2.7990	11.28	9.25	10.62	10.45	9.08	-0.23	0.69	8.61	9.16	9.08	10.09	8.28
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	2.7990	11.28	9.28	10.47	10.53	9.83	10.48	9.65	8.50	9.59	9.55	9.59	8.50
4	Khaparkhedha TPS	Khaparkhedha - 1	840	840	85%	2.6860	3.87	1.90	2.40	2.44	2.36	2.41	3.02	3.05	3.13	3.13	3.06	3.15
		Khaparkhedha - 2				2.6860	3.87	2.65	2.74	2.92	2.33	2.88	2.58	-0.14	-0.08	1.97	3.39	3.45
		Khaparkhedha - 3				2.6860	3.87	2.92	3.20	3.51	3.03	3.05	3.29	3.55	3.64	3.60	3.39	3.16
		Khaparkhedha - 4				2.6860	3.87	2.85	2.87	3.37	2.87	2.95	3.17	3.46	3.56	3.72	3.67	3.52
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	85%	2.4090	9.59	8.83	9.12	9.19	8.78	8.96	9.69	8.75	9.84	10.26	9.08	9.24
6	Nashik TPS	Nashik- 3	630	420	80%	3.6070	0.89	-0.02	0.00	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	-0.03
		Nashik- 4				3.6070	0.89	-0.01	-0.04	-0.02	-0.01	-0.02	-0.01	-0.04	-0.02	-0.02	-0.02	-0.03
		Nashik- 5				3.6070	0.89	-0.02	0.00	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.02	-0.01	-0.02
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	2.3570	4.65	3.63	3.78	3.65	3.67	3.64	3.45	3.46	3.44	3.55	3.55	3.56
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	2.3570	4.65	-0.07	-0.05	-0.05	-0.05	-0.05	-0.09	1.76	3.33	3.36	3.36	3.37
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	2.3570	11.06	8.71	8.88	8.98	8.87	9.04	8.43	8.08	8.51	9.03	8.97	8.25
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	2.3570	11.06	-0.18	-0.17	-0.15	-0.12	-0.12	-0.09	-0.07	-0.07	-0.07	-0.06	-0.07
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	2.3570	11.06	-0.07	-0.06	-0.09	-0.09	-0.09	-0.09	-0.09	-0.10	-0.10	-0.10	-0.10
12	Paras TPS	Paras - 3	250	250	85%	2.4430	5.44	3.28	4.76	3.45	3.72	3.33	2.86	3.86	2.97	3.61	4.16	3.11
13	Paras TPS	Paras - 4	250	250	85%	2.4430	5.44	3.05	2.86	3.88	3.54	1.08	2.66	4.12	3.61	2.74	3.33	3.22
14	Parli TPS	Parli - 6	250	250	85%	2.9820	5.44	-0.01	-0.02	-0.02	-0.02	-0.01	-0.04	0.56	3.81	4.55	4.17	4.15
15	Parli TPS	Parli - 7	250	250	85%	2.9820	5.44	-0.04	-0.03	-0.05	-0.04	-0.05	-0.09	2.08	4.27	4.23	4.09	4.19
16	Koradi TPS	Koradi - 6	210	210	72%	3.2320	4.50	-0.04	-0.04	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.04	-0.04	-0.04
17	Koradi TPS	Koradi - 7	210	210	72%	3.2320	4.50	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.04
18	GTPS Uran	GTPS Uran	672	672	85%	1.7870	7.58	6.33	5.93	6.24	6.25	6.25	6.20	6.34	6.29	6.30	6.39	6.45
19	MSPGCL Hydro	Hydro (Ghatghar)	2585	2585	90%	0.0000												
20	Parli TPS	Parli Replacement U 8	250	250	85%	2.9480	5.49	-0.06	2.66	4.80	4.72	5.12	4.84	4.35	4.56	4.83	4.73	4.42
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.2480	11.28	10.07	10.54	10.86	9.70	10.46	10.01	8.67	9.99	10.13	10.31	9.21
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.2480	11.28	0.31	10.41	10.66	10.74	10.64	10.14	8.90	10.28	10.76	10.67	9.12
23	Koradi TPS	Koradi R U-8	660	660	85%	2.5240	14.89	9.14	10.02	10.46	10.90	11.41	11.20	9.12	10.36	12.61	10.90	10.01
24	Koradi TPS	Koradi 9	660	660	85%	2.5240	14.89	8.62	9.24	10.25	10.17	10.65	10.33	8.99	11.08	12.06	10.23	9.61
25	Koradi TPS	Koradi10	660	660	85%	2.5240	14.89	7.94	7.60	7.52	7.93	9.11	9.14	7.34	8.25	9.24	8.92	8.12
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%	1.4896												
2	KSTPS III	-	500	120	85%	1.4440												
3	VSTP I	Unit-I to VI	1260	432	85%	1.8407												
4	VSTP II	Unit-I, II	1000	336	85%	1.7529												
5	VSTP III	Unit-I, II	1000	275	85%	1.7305												
6	VSTP IV	Unit-I, II	1000	294	85%	1.7107												
7	VSTP V	Unit-I	500	161	85%	1.7745												
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- 1 C), UNIT-VI (ST- 2 C)	645	204		APM: 2.0407 NAPM: 2.4901 RLNG: 4.3408												
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV	648	200		APM: 2.0478 NAPM: 2.4666												
10	KhSTPS-II	Unit-I to III	1500	148	85%	2.0407												
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	85%	1.5443												
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	85%	1.5013												
13	Mauda I	Unit-I, II	1000	394	85%	2.8435												
14	Mauda II	Unit-I, II	1320	531	85%	2.9289												
15	NTPC Solapur 2	-	-			0.0000												
16	NTPC Solapur	Unit-I, II	1320	642	85%	2.9133												

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

[illegible]

Form 5: MoD Operations of the Contracted Source

[illegible]

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

[illegible]

Maharashtra State Electricity Distribution Co. Ltd
Filing for the month Sep-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 28	Actual Net Generation for the Day 29	Actual Net Generation for the Day 30	Actual Net Generation for the month (MU)	Reasons for lower generation	In Case generation from least cost generator is not fully utilised before scheduling power from costly generator, reasons for the same
State Generating Stations								
1	Bhusawal TPS	Bhusawal - 3	-0.06	-0.05	-0.06	-1.58		
2	Bhusawal TPS	Bhusawal - 4	8.78	9.13	9.64	470.05		
3	Bhusawal TPS	Bhusawal - 5	8.77	7.00	9.66			
4	Khaparkheda TPS	Khaparkheda - 1	3.00	3.18	2.65	376.93		
		Khaparkheda - 2	3.50	3.68	3.73			
		Khaparkheda - 3	-0.05	1.86	3.16			
		Khaparkheda - 4	3.25	3.72	3.20			
5	Khaparkheda TPS	Khaparkheda - 5	8.65	9.35	9.59	274.65		
6	Nashik TPS	Nashik- 3	-0.02	-0.02	0.00	-1.43		
		Nashik- 4	-0.02	-0.01	-0.01			
		Nashik- 5	-0.01	-0.02	0.00			
7	Chandrapur TPS	Chandrapur - 3	3.39	3.32	2.99	562.23		
8	Chandrapur TPS	Chandrapur - 4	3.34	3.27	2.97			
9	Chandrapur TPS	Chandrapur - 5	8.90	9.16	8.91			
10	Chandrapur TPS	Chandrapur - 6	7.79	8.04	9.07			
11	Chandrapur TPS	Chandrapur - 7	0.22	0.41	-0.23	227.87		
12	Paras TPS	Paras - 3	4.48	4.42	4.93			
13	Paras TPS	Paras - 4	4.71	4.49	2.68			
14	Parli TPS	Parli - 6	-0.01	-0.02	-0.02	42.26		
15	Parli TPS	Parli - 7	-0.05	-0.05	-0.06			
16	Koradi TPS	Koradi - 6	-0.04	-0.03	-0.03	-1.98		
17	Koradi TPS	Koradi - 7	-0.03	-0.03	-0.02			
18	GTPS Uran	GTPS Uran	6.26	6.28	6.27	156.57		
19	MSPGCL Hydro	Hydro (Ghatghar)						
20	Parli TPS	Parli Replacement U 8	-0.02	-0.02	-0.02	57.06		
21	Chandrapur TPS	Chandrapur - 8	9.61	9.98	9.70	567.65		
22	Chandrapur TPS	Chandrapur - 9	9.35	9.76	10.42			
23	Koradi TPS	Koradi R U-8	10.07	8.71	7.59	796.35		
24	Koradi TPS	Koradi 9	10.17	9.80	7.79			
25	Koradi TPS	Koradi10	8.87	8.84	7.50			
26	MSPGCL Under Case IV	MSPGCL Dhariwal				112.84		
27	Dodson	Dodson I						
28	Dodson	Dodson II						
Central Generating Stations								
1	KSTPS	Unit-I to VI				391.08		
2	KSTPS III	-				82.35		
3	VSTP I	Unit-I to VI				250.34		
4	VSTP II	Unit-I, II				217.29		
5	VSTP III	Unit-I, II				182.82		
6	VSTP IV	Unit-I, II				195.81		
7	VSTP V	Unit-I				104.31		
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)				47.91		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV				41.44		
10	KhSTPS-II	Unit-I to III				47.92		
11	SIPAT TPS 2	Unit-I, II				183.16		
12	SIPAT TPS 1	Unit-I to III				349.14		
13	Mauda I	Unit-I, II				134.01		
14	Mauda II	Unit-I, II				75.68		
15	NTPC Solapur 2	-						
16	NTPC Solapur	Unit-I, II				172.73		

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

S. No.	Name of Station	Name of Unit	Actual Net Generation for the Day 28	Actual Net Generation for the Day 29	Actual Net Generation for the Day 30	Actual Net Generation for the month (MU)	Reasons for lower generation	In Case generation from least cost generator is not fully utilised before scheduling power from costly generator, reasons for the same
17	Lara	Unit-I				77.55		
18	Gadarwara	Unit-I				18.68		
19	Khargone	Unit-I, II				19.30		
20	KAPP					94.46		
21	TAPP 1&2					-1.01		
22	TAPP 3&4					163.87		
IPPs								
1	JSW Ratnagiri	Unit 1	6.25	6.67	6.46	181.09		
2	CGPL Mundra	Unit 1 to 5	15.77	17.41	17.30	462.48		
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	2.92	2.96	2.93	71.06		
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	14.38	14.70	15.25	439.05		
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	28.06	28.42	28.10	682.21		
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5	3.60	5.13	6.07	51.78		
7	GMR Energy Limited	Unit 1	4.29	4.41	4.38	126.58		
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	0.00	0.00	0.00	0.00		
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	0.00	0.00	0.00	0.00		
10	Sai Wardha Power Generation Limited, 240 Short Term Bilateral*	Unit 1 to 4	0.00	0.00	0.00	0.00		
	Short Term Powe	IEX	1.32	1.49	3.59	141.64		
	Total							

Maharashtra State Electricity Distribution Co. Ltd.
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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%	3.5800	NA	NA	01.09.2020	30.09.2020	Less demand and Market power available at cheaper rate.
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	2.7990	NA	NA	20.09.2020	25.09.2020	Less demand and Market power available at cheaper rate.
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	2.7990	NA	NA	NA	NA	
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	2.6860	NA	NA	NA	NA	
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	2.4090	NA	NA	NA	NA	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	3.6070	NA	NA	01.09.2020	30.09.2020	Less demand and Market power available at cheaper rate.
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	2.3570	NA	NA	NA	NA	
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	2.3570	NA	NA	NA	NA	
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	2.3570	NA	NA	NA	NA	
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	2.3570	NA	NA	NA	NA	
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	2.3570	NA	NA	NA	NA	
12	Paras TPS	Paras - 3	250	250	85%	2.4430	NA	NA	NA	NA	
13	Paras TPS	Paras - 4	250	250	85%	2.4430	NA	NA	NA	NA	
14	Parli TPS	Parli - 6	250	250	85%	2.9820	NA	NA	1) 01.09.2020 2) 12.09.2020	1) 07.09.2020 2) 30.09.2020	Less demand and Market power available at cheaper rate.
15	Parli TPS	Parli - 7	250	250	85%	2.9820	NA	NA	1) 01.09.2020 2) 14.09.2020	1) 07.09.2020 2) 30.09.2020	Less demand and Market power available at cheaper rate.
16	Koradi TPS	Koradi - 6	210	210	72%	3.2320	NA	NA	01.09.2020	30.09.2020	Less demand and Market power available at cheaper rate.
17	Koradi TPS	Koradi - 7	210	210	72%	3.2320	NA	NA	01.09.2020	30.09.2020	Less demand and Market power available at cheaper rate.
18	GTPS Uran	GTPS Uran	672	672	85%	1.7870	NA	NA	NA	NA	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%						
20	Parli TPS	Parli Replacement U 8	250	250	85%	2.9480	NA	NA	1) 01.09.2020 2) 14.09.2020	1) 02.09.2020 2) 30.09.2020	Less demand and Market power available at cheaper rate.
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.2480	NA	NA	NA	NA	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.2480	NA	NA	NA	NA	
23	Koradi TPS	Koradi R U-8	660	660	85%	2.5240	NA	NA	NA	NA	
24	Koradi TPS	Koradi 9	660	660	85%	2.5240	NA	NA	NA	NA	
25	Koradi TPS	Koradi10	660	660	85%	2.5240	NA	NA	NA	NA	
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185			NA	NA	NA	NA	VC- 2.6840 from 13.08.2020 to 08.09.2020, VC- 2.8890 from 09.09.20 to 17.09.2020, VC -2.7980 from 18.09.2020 to 23.09.2020, VC - 2.7920 from 24.09.2020
27	Dodson	Dodson I	12	12							
28	Dodson	Dodson II	34	34							
Central Generating Stations											
1	KSTPS	Unit-I to VI	2100	635	85%	1.4896	NA	NA	NA	NA	
2	KSTPS III	-	500	120	85%	1.4440	NA	NA	NA	NA	
3	VSTP I	Unit-I to VI	1260	432	85%	1.8407	NA	NA	NA	NA	
4	VSTP II	Unit-I, II	1000	336	85%	1.7529	NA	NA	NA	NA	
5	VSTP III	Unit-I, II	1000	275	85%	1.7305	NA	NA	NA	NA	
6	VSTP IV	Unit-I, II	1000	294	85%	1.7107	NA	NA	NA	NA	
7	VSTP V	Unit-I	500	161	85%	1.7745	NA	NA	NA	NA	

Maharashtra State Electricity Distribution Co. Ltd.

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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	
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: 2.0407 NAPM: 2.4901 RLNG: 4.3408	NA	NA	1A: 24.09.2020 1B: 24.09.2020 1C: 24.09.2020 2A: 01.09.2020 2B: 1) 20.09.2020 2) 24.09.2020 2C: 1) 01.09.2020 2) 24.09.2020	1A: 29.09.2020 1B: 28.09.2020 1C: 28.09.2020 2A: 30.09.2020 2B: 1) 22.09.2020 2) 30.09.2020 2C: 1) 20.09.2020 2) 30.09.2020	Schedule from other beneficiaries less than Tech. Minimum
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		APM: 2.0478 NAPM: 2.4666 RLNG: 4.4828	NA	NA	GT1: 1) 01.09.2020 2) 05.09.2020 3) 27.09.2020 GT2: 1) 01.09.2020 2) 24.09.2020 3) 27.09.2020 GT3: 22.09.2020 ST: 24.09.2020	GT1: 1) 04.09.2020 2) 24.09.2020 3) 30.09.2020 GT2: 1) 05.09.2020 2) 24.09.2020 3) 30.09.2020 GT3: 25.09.2020 ST: 30.09.2020	Schedule from other beneficiaries less than Tech. Minimum
10	KhSTPS-II	Unit-I to III	1500	148	85%	2.0407	NA	NA	NA	NA	
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	85%	1.5443	NA	NA	NA	NA	
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	85%	1.5013	NA	NA	NA	NA	
13	Mauda I	Unit-I, II	1000	394	85%	2.8435	NA	NA	U#1: 1) 01.09.2020 2) 20.09.2020 U#2: 1) 01.09.2020 2) 18.09.2020	U#1: 1) 01.09.2020 2) 29.09.2020 U#2: 1) 02.09.2020 2) 26.09.2020	Less demand during off peak hours & peak power purchased from market
14	Mauda II	Unit-I, II	1320	531	85%	2.9289	NA	NA	U#1: 1) 01.09.2020 2) 17.09.2020 U#2: 1) 01.09.2020 2) 02.09.2020 3) 17.09.2020	U#1: 1) 02.09.2020 2) 30.09.2020 U#2: 1) 02.09.2020 2) 16.09.2020 3) 30.09.2020	
15	NTPC Solapur 2	-	-		85%	0.0000					
16	NTPC Solapur	Unit-I, II	1320	642	85%	2.9133	NA	NA	U#1: 17.09.2020 U#2: 1) 01.09.2020 2) 11.09.2020	U#1: 30.09.2020 U#2: 1) 04.09.2020 2) 30.09.2020	
17	Lara	Unit-I	800	114	85%	2.2414	NA	NA	NA	NA	
18	Gadarwara	Unit-I	800	25	85%	2.6546	NA	NA	NA	NA	

Form 6: Details of plants running at Technical Minimum / Zero ScheduleIPP

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

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Normative Availability as per PPA	Fuel (Coal/Gas /Hydro/Wind /Solar)	Variable Rate as per MoD stake approved by SLDC (01-09-20 to 11-09-20)	Scheduled Energy Generation from 01-09-20 to 11-09-20 (Mus)	Variable Rate as per MoD stake approved by SLDC (12-09-20 to 30-09-20)	Scheduled Energy Generation from 12-09-20 to 30-09-20 (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	3.42	0.00	3.58	0.00	0.00	-1.58	
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	Coal	2.69	84.93	2.80	116.04	200.97	470.05	
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	Coal	2.69	104.58	2.80	153.84	258.42		
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	Coal	2.35	130.65	2.69	250.85	381.50	376.93	
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	Coal	2.12	102.41	2.41	171.00	273.41	274.65	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	Coal	3.60	0.00	3.61	0.00	0.00	-1.43	
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	Coal	2.36	41.78	2.36	67.65	109.42		
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	Coal	2.36	16.20	2.36	66.32	82.52		
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	Coal	2.36	96.46	2.36	163.46	259.92	562.23	
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	Coal	2.36	0.00	2.36	129.97	129.97		
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	Coal	2.36	0.00	2.36	1.64	1.64		
12	Paras TPS	Paras - 3	250	250	85%	Coal	2.60	40.37	2.44	78.26	118.63	227.87	
13	Paras TPS	Paras - 4	250	250	85%	Coal	2.60	35.90	2.44	80.13	116.03		
14	Parli TPS	Parli - 6	250	250	85%	Coal	3.01	17.89	2.98	0.00	17.89	42.26	
15	Parli TPS	Parli - 7	250	250	85%	Coal	3.01	19.86	2.98	7.97	27.83		
16	Koradi TPS	Koradi - 6	210	210	72%	Coal	3.24	0.00	3.23	0.00	0.00	-1.98	
17	Koradi TPS	Koradi - 7	210	210	72%	Coal	3.24	0.00	3.23	0.00	0.00		
18	GTPS Uran	GTPS Uran	672	672	85%	Gas	1.78	69.60	1.79	88.75	158.35	156.57	
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	2.95	42.95	2.95	11.49	54.45	57.06	
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	Coal	2.16	109.57	2.25	175.10	284.67	567.65	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	Coal	2.16	102.48	2.25	176.62	279.10		
23	Koradi TPS	Koradi R U-8	660	660	85%	Coal	2.70	117.56	2.52	190.28	307.84		
24	Koradi TPS	Koradi 9	660	660	85%	Coal	2.70	113.02	2.52	186.26	299.28	796.35	
25	Koradi TPS	Koradi10	660	660	85%	Coal	2.70	92.95	2.52	114.27	207.22		
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		Coal		44.17		65.47	109.63	112.84	
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	1.54	145.25	1.49	245.79	391.08	391.08	
2	KSTPS III	-	500	120	85%	Coal	1.51	30.20	1.44	52.08	82.35	82.35	
3	VSTP I	Unit-I to VI	1260	432	85%	Coal	1.87	90.85	1.84	156.18	250.34	250.34	
4	VSTP II	Unit-I, II	1000	336	85%	Coal	1.78	80.63	1.75	135.62	217.29	217.29	
5	VSTP III	Unit-I, II	1000	275	85%	Coal	1.76	68.55	1.73	114.22	182.82	182.82	
6	VSTP IV	Unit-I, II	1000	294	85%	Coal	1.74	72.44	1.71	123.37	195.81	195.81	
7	VSTP V	Unit-I	500	161	85%	Coal	1.80	39.52	1.77	64.79	104.31	104.31	
8	Kawas	UNIT-I (GT-1A),	645	204		APM	2.04	20.67	2.04	24.89	45.84	47.91	
		UNIT-II (GT-1 B),				NAPM	2.82	0.00	2.49	2.08	2.08		
		UNIT-III (GT-2 A),				RLNG	4.35	0.00	4.34	0.00	0.00		
		UNIT-IV (GT-2 B),				RLNG-C	-	0.00	-	0.00	0.00		
9	Gandhar	UNIT-V (ST-1 C),	648	200		RLNG-C	-	0.00	-	0.00	0.00	41.44	
		UNIT-VI (ST-2 C),				APM	2.05	11.62	2.05	10.82	22.44		
		UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-1)				NAPM	2.76	8.34	2.47	10.66	19.00		
						RLNG	4.21	0.00	4.48	0.00	0.00		
10	KhSTPS-II	Unit-I to III	1500	148	85%	Coal	2.14	15.78	2.04	30.46	47.92	47.92	

Maharashtra State Electricity Distribution Co. Ltd.

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

S. No.	Place (Pwer Exchange/DEEP Portal) / Tender ID in which participated during the month	Bid Quantity (MW)	Bid Rate (Rs/kWh)	Is Bid was sucesfull?	If sucessful, details for the month		
					Buyer	Rate (Rs/kWh)	Quantum (MU)
1	DEEP Portal/	4 to 16 MW	4.89	Yes	Maharashtra Airport Development Corporation	4.89	5.93
2	Power Exchange				IEX	3.14	15.02
	Total						20.95

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	(1.58)	470.05	376.93	274.65	(1.43)	562.23	227.87
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	2.78	2.73	2.40	3.39	2.45	2.29
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.00)	(0.49)	(0.08)	(0.06)	0.00	(0.09)	(0.70)
6	Approved Fuel expenses	Rs. Crore	0.00	188.00	104.00	68.00	6.00	219.00	78.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(0.62)	130.83	102.75	65.82	(0.48)	137.95	52.29
8	Recoverable through FAC (7 - 6)	Rs. Crore	(0.62)	(57.17)	(1.25)	(2.18)	(6.48)	(81.05)	(25.71)

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	42.26	(1.98)	156.57	242.77	57.06	567.65	796.35	391.08
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	3.16	3.14	1.76	0.21	3.14	2.31	2.49	1.32
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.84)	(0.00)	(0.92)	0.21	(0.69)	(0.14)	0.21	(0.22)
6	Approved Fuel expenses	Rs. Crore	0.00	30.00	64.00		0.00	138.00	183.00	53.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	13.34	(0.62)	27.59	5.18	17.92	131.08	198.37	51.46
8	Recoverable through FAC (7 - 6)	Rs. Crore	13.34	(30.62)	(36.41)	5.18	17.92	(6.92)	15.37	(1.54)

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	82.35	250.34	217.29	182.82	195.81	104.31	47.91	41.44	47.92
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	1.30	1.63	1.57	1.55	1.54	1.59	1.98	2.01	2.17
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.19)	(0.21)	(0.16)	(0.22)	(0.22)	(0.18)	(1.05)	(0.97)	(0.10)
6	Approved Fuel expenses	Rs. Crore	9.00	42.00	32.00	26.00	27.00	15.00	9.00	6.00	19.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	10.67	40.75	34.06	28.41	30.07	16.57	9.48	8.32	10.40
8	Recoverable through FAC (7 - 6)	Rs. Crore	1.67	(1.25)	2.06	2.41	3.07	1.57	0.48	2.32	(8.60)

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	183.16	349.14	134.01	75.68		172.73	77.55	18.68
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	1.55	1.50	2.93	2.94		2.85	1.86	2.47
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.07	0.03	(0.52)	(0.22)	0.00	(1.02)	(0.60)	(1.17)
6	Approved Fuel expenses	Rs. Crore	22.00	43.00	0.00	91.00		0.00	16.00	0.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	28.40	52.52	39.24	22.26	0.00	49.29	14.43	4.61
8	Recoverable through FAC (7 - 6)	Rs. Crore	6.40	9.52	39.24	(68.74)	0.00	49.29	(1.57)	4.61

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	19.30	94.46	(1.01)	163.87	181.09	462.48	71.06	439.05
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	2.78	2.29	0.00	3.39	2.33	1.92	2.74	1.80
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.35)	(0.18)	(2.19)	(0.03)	(0.46)	(0.15)	(0.10)	(0.04)
6	Approved Fuel expenses	Rs. Crore	4.00	20.00	21.00	79.00	44.00	88.00	20.00	139.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	5.37	21.63	0.00	55.55	42.14	88.87	19.48	79.23
8	Recoverable through FAC (7 - 6)	Rs. Crore	1.37	1.63	(21.00)	(23.45)	(1.86)	0.87	(0.52)	(59.77)

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	682.21	51.78	126.58	0.00	0.00	0.00	232.96	36.31	3.96
3	Approved Energy Charge	Rs./kWh	2.84	2.90	2.58	3.46	3.46	0.00	2.12	2.12	1.68
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.74	2.80	2.39	0.00	0.00	0.00	2.05	2.05	1.54
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.10)	(0.10)	(0.19)	(3.46)	(3.46)	0.00	(0.07)	(0.07)	(0.14)
6	Approved Fuel expenses	Rs. Crore	183.00	73.00	29.00	0.00	0.00	0.00	21.00	2.00	1.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	186.97	14.50	30.20	0.00	0.00	0.00	47.76	7.44	0.61
8	Recoverable through FAC (7 - 6)	Rs. Crore	3.97	(58.50)	1.20	0.00	0.00	0.00	26.76	5.44	(0.39)

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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	0.00	334.97	428.97
3	Approved Energy Charge	Rs./kWh		3.62	4.93
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh		4.10	4.46
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.00	0.48	(0.47)
6	Approved Fuel expenses	Rs. Crore		202.00	323.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	0.00	137.21	191.51
8	Recoverable through FAC (7 - 6)	Rs. Crore	0.00	(64.79)	(131.49)

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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%	91.51%	73.83%	89.54%	80.92%	52.76%	77.06%	97.70%	79.29%
1.3	PLF	%		63.04%	70.76%	81.16%		46.03%	71.13%	13.92%	
1.4	Gross Generation	MU		499.89	420.35	291.05		621.86	256.55	50.10	
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	29.99	40.77	17.46	0.00	48.51	23.86	4.66	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	29.99	40.77	17.46	0.00	48.51	23.86	4.66	0.00
1.11 (a)	Total Net Generation		0.00	469.90	379.57	273.59	0.00	573.36	232.69	45.44	0.00
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	-1.58	470.05	376.93	274.65	-1.43	562.23	227.87	42.26	-1.98
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		3869	3665	3711		4043	4354	3916	
2.1.2	Imported Coal (As Billed)	kcal/kg									
2.1.3	Domestic Coal (As Received)	kcal/kg		3344	3140	3186		3518	3829	3391	
2.1.4	Imported Coal (As Received)	kcal/kg									
2.1.5	Fuel 2	kcal/unit		10678	10684	10684		10779	10453	10421	
2.1.6	Fuel 3	kcal/unit		10308	10218	10218		10110	10184	10296	
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		270.45	150.00	150		-30	39.58	58.00	
2.3	Calorific Value after stacking loss										
2.3.1	Domestic Coal (As Fired)	kcal/kg		3224	3020	3066		3548	3790	3333	
2.3.2	Imported Coal (As Fired)	kcal/kg									
2.4	Landed Fuel Price per unit										
2.4.1	Domestic Coal	Rs./MT	0	3534.47	2763.34	2887.47	0.00	2951.25	3227.61	3909.38	0.00
2.4.2	Imported Coal	Rs./MT	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00		0.00
2.4.3	Fuel 3	Rs./unit	46197	46203	86327.05	47597.32	38180.79	41690.00	35118.30	45610	49198.20
2.4.4	Fuel 4	Rs./unit	33755	33765	46681.64	39065.18	47656.76	32292.23	30445.51	37338	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	0.87	0.77		0.75	0.64	0.73	
3.1.2	Imported Coal	MT/kWh		0.00	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			367461.24	364486.36	225009.17		469484.66	164188.64	36453.98	
3.2.2	Imported Coal										
3.2.3	Fuel 3			49.99	100.88	29.11		124.37	25.65	5.01	
3.2.4	Fuel 4			199.96	403.53	116.42		497.49	102.62	20.04	
3.3	Heat content										
3.3.1	Domestic Coal	Million kcal		1184860.38	1100748.79	689878.11		1665731.56	622205.41	121501.11	
3.3.2	Imported Coal	Million kcal									
3.3.3	Fuel 3	Million kcal		455.32	919.40	265.25		1143.54	228.75	44.53	
3.3.4	Fuel 4	Million kcal		1923.05	3847.05	1109.89		4692.64	975.05	192.50	
	Total Heat content	Million kcal		1187238.75	1105515.24	691253.25	0.00	1671567.74	623409.21	121738.14	0.00
4	Total Fuel Cost										
4.1	Domestic Coal	Rs. Crore		129.88	100.72	64.97		138.56	52.99	14.25	
4.2	Imported Coal	Rs. Crore				0.00		0.00	0.00	0.00	
4.3	Fuel 3	Rs. Crore		0.23	0.87	0.14		0.52	0.09	0.02	
4.4	Fuel 4	Rs. Crore		0.68	1.88	0.45		1.61	0.31	0.07	
	Total Fuel Cost	Rs. Crore	0.00	130.78	103.47	65.56		140.68	53.40	14.35	
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	130.78	103.47	65.56	0.00	140.68	53.40	14.35	0.00
6 (b)	Total Cost (As Billed)		-0.62	130.83	102.75	65.82	-0.48	137.95	52.29	13.34	-0.62
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh		2.62	2.46	2.25		2.26	2.08	2.86	
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh		2.783	2.726	2.396		2.454	2.295	3.158	
8 (b)	Energy Charge as Billed (Zero Schedule)		3.915				3.39				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	%	33.76%	98.47%	90.81%	62.04%	94.34%	101.95%	92.75%	103.13%
1.3	PLF	%	33.76%	35.61%	83.56%	60.49%	91.63%	94.57%	87.88%	96.59%
1.4	Gross Generation	MU	160.87	64.10	601.75	860.45				
1.5	Auxiliary Consumption excluding FGD	%	3.10%	8.50%	6.00%	6.00%				
1.6	Auxiliary Consumption excluding FGD	MU	4.99	5.45	36.11	51.63				
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	4.99	5.45	36.11	51.63				
1.11 (a)	Total Net Generation		155.88	58.65	565.65	808.82	1,287.90	319.18	725.48	646.41
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	156.57	57.06	567.65	796.35	391.08	82.35	250.34	217.29
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	8464	3916	4178	4039	4264	4264	3933	3933
2.1.2	Imported Coal (As Billed)	kcal/kg								
2.1.3	Domestic Coal (As Received)	kcal/kg	8464	3391	3653	3514	3850	3850	3343	3343
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit		10421	10779	10680	10067	10117	9780	9780
2.1.6	Fuel 3	kcal/unit		10296	10110	10245				
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		69.00	-29.00	81.00				
2.3	Calorific Value after stacking loss									
2.3.1	Domestic Coal (As Fired)	kcal/kg	8464	3322	3682	3433				
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	3909.38	3345.08	3583.37	1898.56	1898.56	1961.49	1961.49
2.4.2	Imported Coal	Rs./MT		0.00	6544.22	0.00				
2.4.3	Fuel 3	Rs./unit		45609.99	42475.47	40717.50	29753.55	40947.06	42415.23	42415.23
2.4.4	Fuel 4	Rs./unit		37337.64	32292.23	36687.44				
3	Fuel Consumption and Heat Contribution (for each fuel separately)									
3.1	Specific Fuel Consumption									
3.1.1	Domestic Coal	MT/kWh		0.73	0.64	0.65				
3.1.2	Imported Coal	MT/kWh		0.00	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		38677915.44	46799.22	387379.83	557739.83				
3.2.2	Imported Coal					0.00				
3.2.3	Fuel 3			6.41	60.18	86.04				
3.2.4	Fuel 4			25.64	240.70	344.18				
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal	327368.42	155466.99	1426332.54	1914720.85				
3.3.2	Imported Coal	Million kcal				0.00				
3.3.3	Fuel 3	Million kcal		56.98	553.28	783.87				
3.3.4	Fuel 4	Million kcal		246.31	2270.43	3289.86				
	Total Heat content	Million kcal	327368.42	155770.29	1429156.25	1918794.58				
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	27.47	18.2956	129.58	199.86	278.54	278.54	536.27	536.27
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	0.03	0.26	0.35			18.90	18.90
4.4	Fuel 4	Rs. Crore	0.00	0.10	0.78	1.26				
	Total Fuel Cost	Rs. Crore	27.47	18.42	130.61	201.47	278.54	278.54	555.17	555.17
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)		27.47	18.42	130.61	201.47	278.54	278.54	555.17	555.17
6 (b)	Total Cost (As Billed)		27.59	17.92	131.08	198.37				
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh	1.71	2.87	2.17	2.34				
8 (a)	Energy Charge (= 6/1.11)	Rs./kWh	1.762	3.141	2.309	2.491	1.316	1.296	1.628	1.568
8 (b)	Energy Charge as Billed (Zero Schedule)									

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Form 10: Energy Charge

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	%	103.04%	101.28%	103.01%	83.11%	85.84%	51.59%	100.72%	92.72%
1.3	PLF	%	98.35%	97.61%	96.28%	35.82%	33.19%	51.24%	98.33%	91.49%
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		663.87	658.85	321.47	161.78	150.60	518.81	663.75	1,222.82
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	182.82	195.81	104.31	47.91	41.44	47.92	183.16	349.14
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	3933	3933	3933			3669	3815	3815
2.1.2	Imported Coal (As Billed)	kcal/kg								
2.1.3	Domestic Coal (As Received)	kcal/kg	3343	3343	3343			2992	3587	3587
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit	9780	9780	9440			9872	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	1961.49	1961.49	1961.49			2474.02	2101.40	2101.40
2.4.2	Imported Coal	Rs./MT							#DIV/0!	#DIV/0!
2.4.3	Fuel 3	Rs./unit	41627.71	45223.42	56249.42			38315.41	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	536.27	536.27	536.27	11.98	44.75	339.31	339.89	339.89
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	555.17	555.17	555.17	11.98	44.75	348.82	352.50	352.50
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)		555.17	555.17	555.17	11.98	44.75	348.82	352.50	352.50
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	1.554	1.536	1.589	1.979	2.008	2.171	1.551	1.504
8 (b)	Energy Charge as Billed (Zero Schedule)									

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Form 10: Energy Charge

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	%	101.99%	98.77%		98.11%	100.01%	72.58%	100.73%	
1.3	PLF	%	47.53%	17.70%		26.90%	86.81%	50.04%	19.46%	
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		320.83	157.74		239.72	468.79	270.23	173.41	275.81
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	134.01	75.68		172.73	77.55	18.68	19.30	94.46
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	4037	4262		3328	3826	4468	4488	
2.1.2	Imported Coal (As Billed)	kcal/kg								
2.1.3	Domestic Coal (As Received)	kcal/kg	3584	3388		3137	3254	3719	3917	
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit	9548	9575		9,710	9501	10,618	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	4043.85	4039.18		3634	2456.63	3,734.04	4,567.67	
2.4.2	Imported Coal	Rs./MT	7603.58	7603.58		7667				
2.4.3	Fuel 3	Rs./unit	49096.98	49096.98		35,781.13	41263.15	44,512.29	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	478.36	478.36		485.75	133.62	157.76	177.33	
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	478.36	478.36	0.00	485.75	149.03	162.10	190.19	
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)		478.36	478.36	0.00	485.75	149.03	162.10	190.19	
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	2.928	2.942		2.854	1.861	2.469	2.781	2.287
8 (b)	Energy Charge as Billed (Zero Schedule)									

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
Form 10: Energy Charge

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Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
Form 10: Energy Charge

S. No.	Particulars	Units	GMR	RPL		SWPGL
1	Operational parameters					
1.1	Total Capacity	MW	200	450	750	240
1.2	Availability	%	99.52%	100.00%	100.00%	100.00%
1.3	PLF	%	87.91%	0.00%	0.00%	0.00%
1.4	Gross Generation	MU				
1.5	Auxiliary Consumption excluding FGD	%				
1.6	Auxiliary Consumption excluding FGD	MU				0.00
1.7	Auxiliary Consumption for FGD	%				
1.8	Auxiliary Consumption for FGD	MU				
1.9	Total Auxiliary Consumption	%				0.00%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU				0.00
1.11 (a)	Total Net Generation					
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	126.58	0.00	0.00	0.00
1.12	Heat Rate	kcal/kWh	2211	2175	2175	2587
1.13	Secondary Fuel Oil Consumption	ml/kWh				
1.14	Transit Loss for Domestic and Washed Coal	%				
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				4483
2.1.2	Imported Coal (As Billed)	kcal/kg				
2.1.3	Domestic Coal (As Received)	kcal/kg				3801
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	2.386	0.000	0.000	0.000
8 (b)	Energy Charge as Billed (Zero Schedule)					

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

S.No.	Particulars	Unit	Bhusawal			Bhusawal Unit 04 and 05			Khaparkheda - 1 to 4			Khaparkheda Unit 06	
			Approved in Tariff	Stock	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit						2608.99			2057.77		
	Freight	Rs/unit											
	Freight Surcharge, if applicable	Rs/unit											
	Fuel Handling Charges	Rs/unit											
	Taxes and Duties (pl. specify details)	Rs/unit						826.74			617.65		
	Any other charges	Rs/unit											
	Total Price excluding Transit Loss	Rs/unit		3552.77	0.00		0.00	3435.73		0.00	2675.43		0.00
	Normative Transit Loss	%		0.80%	0.80%			0.80%			0.80%		
	Total Price including Transit Loss	Rs/unit		3581.42	0.00			3463.44			2697.00		
	Other Fuel Related Variable Charges	Rs/unit						71.03			66.33		
	Total Price	Rs/unit		3581.42	0.00			3534.47			2763.34		

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

S.No.	Particulars	Unit	nit 05	Nashik TPS			Chandrapur Unit 03 to 07			Paras Unit 03 and 04			Par
			Consumption	Approved in Tariff	Stock	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit	2152.49						1953.31			2167.34	
	Freight	Rs/unit											
	Freight Surcharge, if applicable	Rs/unit											
	Fuel Handling Charges	Rs/unit							838.77				
	Taxes and Duties (pl. specify details)	Rs/unit	646.08						102.86			482.82	
	Any other charges	Rs/unit										462.70	
	Total Price excluding Transit Loss	Rs/unit	2798.57		3725.23				2894.94			3112.86	
	Normative Transit Loss	%	0.80%		0.80%	0.80%			0.80%			0.80%	
	Total Price including Transit Loss	Rs/unit	2821.14		3755.27	0.00			2918.29			3137.96	
	Other Fuel Related Variable Charges	Rs/unit	66.33						32.97			89.65	
	Total Price	Rs/unit	2887.47		3755.27	0.00			2951.25			3227.61	

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

S.No.	Particulars	Unit	i Unit 06 and 07		Koradi Unit 06 & 07			GTPS Uran			Parli Unit 08		
			Stock	Consumption	Approved in Tariff	Stock	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Stock	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit	2823.67									2823.67	
	Freight	Rs/unit											
	Freight Surcharge, if applicable	Rs/unit											
	Fuel Handling Charges	Rs/unit											
	Taxes and Duties (pl. specify details)	Rs/unit	509.24									509.24	
	Any other charges	Rs/unit	545.19									545.19	
	Total Price excluding Transit Loss	Rs/unit	3878.10	0.00		3347.02				0.00		3878.10	0.00
	Normative Transit Loss	%	0.80%	0.80%		0.80%	0.80%			0.00%		0.80%	0.80%
	Total Price including Transit Loss	Rs/unit	3909.38	0.00		3374.01	0.00			0.00		3909.38	0.00
	Other Fuel Related Variable Charges	Rs/unit											
	Total Price	Rs/unit	3909.38	0.00		3374.01	0.00			0.00		3909.38	0.00

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

S.No.	Particulars	Unit	Chandrapur Unit 08,09			Koradi Unit 08,09,10		
			Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit			2216.91			2331.48
	Freight	Rs/unit						
	Freight Surcharge, if applicable	Rs/unit						
	Fuel Handling Charges	Rs/unit			116.75			
	Taxes and Duties (pl. specify details)	Rs/unit			951.96			1206.21
	Any other charges	Rs/unit						
	Total Price excluding Transit Loss	Rs/unit			3285.62			3537.69
	Normative Transit Loss	%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			3312.12			3566.22
	Other Fuel Related Variable Charges	Rs/unit			32.97			17.16
	Total Price	Rs/unit			3345.08			3583.37

S. No.	Station/Unit	Fuel	Opening inventory actual			Purchase during the month			Transit Loss	Available at Plant boundary during the month			Consumption during the month			Closing inventory actual		
			Quantity unit (MT)	Cost Rs. Crore	Price Rs./unit	Quantity unit (MT)	Cost Rs. Crore	Price Rs./unit	unit (MT)	Quantity unit	Cost Rs. Crore	Price Rs./unit	Quantity unit	Cost Rs. Crore	Price Rs./unit	Quantity unit	Cost Rs. Crore	Price Rs./unit
State Generating Stations																		
1	Bhusawal - 3	Coal - Raw Coal	414777	147.36	3553			0		414777	147.36	3553				414777	147.36	3553
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	414777	147.36	3553	0	0.00	0	0	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	146327	56	3827	443389	144	3253	3347	586370	199.02	3394	439091	151	3436	147279	48.16	3270
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	146327	56.00	3827	443389	144.23	3253	3347	586370	199.02	3394	439091	150.86	3436	147279	48.16	3270
		Oil - LDO	1238	6	46203			0		1238	5.72	46203	42	0	46190	1196	5.53	46203
		Oil - FO	2020	7	33764			0		2020	6.82	33764	274	1	33755	1746	5.90	33765
		Subtotal	3258	12.54	38491	0	0.00	0	0	3258	12.54	38491	316	1.12	35408	2942	11.42	38822
Other Variable Cost													3	71.03				
3	Khaparkhedha - 1 to 4	Coal - Raw Coal	116923	33	2848	371285	96	2581	2315	485893	128.53	2645	410966	110	2675	74927	18.58	2480
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!			#DIV/0!	0	0.00	#DIV/0!
		Subtotal	116923	33.30	2848	371285	95.83	2581	2315	485893	128.53	2645	410966	109.95	2675	74927	18.58	2480
		Oil - LDO	1245	6	45745			0		1245	5.70	45745	23	0.20	86327	1222	5.50	44981
		Oil - FO	4762	19	40318			0		4762	19.20	40318	881	4.11	46682	3882	15.09	38875
		Subtotal	6008	24.90	41443	0	0.00	0	0	6008	24.90	41443	904	4.31	47691	5104	20.59	40337
Other Variable Cost													2.73	66.33				
4	Khaparkhedha - 5	Coal - Raw Coal	169304	48	2819	235031	62	2626	1464	402872	109.06	2707	242756	68	2799	160116	41.13	2569
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	169304	47.73	2819	235031	61.71	2626	1464	402872	109.06	2707	242756	67.94	2799	160116	41.13	2569
		Oil - LDO	1296	6	47597			0		1296	6.17	47597			#DIV/0!	1296	6.17	47597
		Oil - FO	3154	12	39065			0		3154	12.32	39065			#DIV/0!	3154	12.32	39065
		Subtotal	4450	18.49	41551	0	0.00	0	0	4450	18.49	41551	0	0.00	0	4450	18.49	41551
Other Variable Cost													2	66.33				
5	Nashik- 3,4 & 5																	

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 unit (MT)	Cost Rs. Crore	Price Rs./unit	Quantity unit (MT)	Cost Rs. Crore	Price Rs./unit		Quantity unit	Cost Rs. Crore	Price Rs./unit	Quantity unit	Cost Rs. Crore	Price Rs./unit	Quantity unit	Cost Rs. Crore	Price Rs./unit
		Other Variable Cost																
9	Koradi - 6 & 7	Coal - Raw Coal	139551.19	46.92	3362					125839	42.12	3347				125839	42.12	3347
		Coal - Imported Coal			0					0	0.00	#DIV/0!						
		Subtotal	139551	46.92	3362	0	0.00	0	0	125839	42.12	3347	0	0.00	0	125839	42.12	3347
		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				40283821	28.607	7		40283821	28.61	7.10	40283821	28.607	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	9560	4.18	4377		83426	34.99	4195	48079	18.65	3878	35347	16.35	4625
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!				0	0.00	#DIV/0!
		Subtotal	73866	30.81	4171	9560	4.18	4377	0	83426	34.99	4195	48079	18.65	3878	35347	16.35	4625
		Oil - LDO	905	3	30003			0		905	2.72	30003	19	0.09	45610	886	2.63	29668
		Oil - FO	1717	7	42065			0		1717	7.22	42065	86	0.32	37338	1631	6.90	42315
		Subtotal	2622	9.94	37902	0	0.00	0	0	2622	9.94	37902	105	0.41	38835	2517	9.53	37863
		Other Variable Cost																
13	Chandrapur - 8 & 9	Coal - Raw Coal	79715	26	3267	471111	155	3289	5623	545203	179.13	3286	427944	141	3286	117259	38.53	3286
		Coal - Imported Coal	1	0	6544			0		1	0.00	6544				1	0.00	6544
		Subtotal	79715	26.05	3267	471111	154.94	3289	5623	545203	179.13	3286	427944	140.61	3286	117259	38.53	3286
		Oil - LDO	1866	8	42475			0		1866	7.93	42475	35	0	41690	1831	7.78	42490
		Oil - FO	1879	4	23548			0		1879	4.42	23548	111	0	32292	1768	4.07	22999
		Subtotal	3745	12.35	32980	0	0.00	0	0	3745	12.35	32980	146	0.50	34545	3599	11.85	32916
		Other Variable Cost											1	32.97				
14	Koradi R U-8 to 10	Coal - Raw Coal	246477	66	2665	544927	208	3817	4422	800694	276.75	3456	645335	228	3538	155359	48.45	3118
		Coal - Imported Coal			0					0	0.00	#DIV/0!						
		Subtotal	246477	65.68	2665	544927	208.02	3817	4422	800694	276.75	3456	645335	228.30	3538	155359	48.45	3118
		Oil - LDO	1529	6	40808	819	3.32	40548		2348	9.56	40718	27	0	40718	2321	9.45	40718
		Oil - FO	2705	10	38442	1817	6	34076		4522	16.59	36687	1364	5	36687	3158	11.59	36687
		Subtotal	4233	16.64	39296	2636	9.51	36087	0	6870	26.15	38065	1391	5.11	36766	5479	21.04	38395
		Other Variable Cost												1.11	17.16			
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	528881	105.82	2000.76	940125	172.73	1837.27	1879	1467127	279	1898.56						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	528881	106	2000.76	940125	173	1837.27	1879	1467127	279	1898.56	0	0	#DIV/0!	0	0	#DIV/0!
2	KSTPS III	Domestic Coal	528881	105.82	2000.76	940125	172.73	1837.27	1879	1467127	279	1898.56						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	528881	106	2001	940125	173	1837	1879	1467127	279	1898.56	0	0	#DIV/0!	0	0	#DIV/0!
3	VSTP I	Domestic Coal	384237	76.53	1992	2359651	459.74	1948	9871	2734017	536	1961.49						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	384237	77	1992	2359651	460	1948	9871	2734017	536	1961.49	0	0	#DIV/0!	0	0	#DIV/0!
4	VSTP II	Domestic Coal	384237	76.53	1992	2359651	459.74	1948	9871	2734017	536	1961						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	384237	77	1992	2359651	460	1948	9871	2734017	536	1961	0	0	#DIV/0!	0	0	#DIV/0!
5	VSTP III	Domestic Coal	384237	76.53	1992	2359651	459.74	1948	9871	2734017	536	1961						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	384237	77	1992	2359651	460	1948	9871	2734017	536	1961	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal	384237	76.53	1992	2359651	459.74	1948	9871	2734017	536	1961						

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	E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	384237	77	1992	2359651	460	1948	9871	2734017	536	1961	0	0	#DIV/0!	0	0	#DIV/0!
7	VSTP V	Domestic Coal	384237	76.53	1992	2359651	459.74	1948	9871	2734017	536	1961						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
8	Kawas	Total	384237	77	1992	2359651	460	1948	9871	2734017	536	1961	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
9	Gandhar	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!
		Domestic Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
10	KhSTPS-II	E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	738043	168.92	2289	636572	170.39	2677	3126	1371489	339	2474.02						
11	SIPAT TPS 2	Domestic Coal	306908	62.22	2027	1314989	277.68	2112	4443	1617454	340	2101.40						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal	0	0.00	#DIV/0!			#DIV/0!		0	0.00	#DIV/0!						
12	SIPAT TPS 1	Total	306908	62	2027	1314989	278	2112	4443	1617454	340	2101	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal	306908	62.22	2027	1314989	277.68	2112	4443	1617454	340	2101.40						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
13	Mauda I	Imported Coal	0	0.00	#DIV/0!			#DIV/0!		0	0.00	#DIV/0!						
		Total	306908	62	2027	1314989	278	2112	4443	1617454	340	2101.40	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal (Sp.)	73700	27.69	3757	59781	22.90	3830	478	133002	51	3803.62						
14	Mauda II	Domestic Coal	952231	385.07	4044			#DIV/0!		952231	385	4043.85						
		E-Auction	46800	42.64	9112			#DIV/0!		46800	43	9111.84						
		Imported Coal	79	0.06	7604			#DIV/0!		79	0	7603.58						
15	NTPC Solapur 2	Total	1072809	455	4246	59781	23	3830	478	1132112	478	4225.38	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal (Sp.)	73700	27.69	3757	59781	22.90	3830	478	133002	51	3803.62						
		Domestic Coal	952231	385.07	4044			#DIV/0!		952231	385	4043.85						
16	NTPC Solapur	E-Auction	46800	42.64	9112			#DIV/0!		46800	43	9111.84						
		Imported Coal	79	0.06	7604			#DIV/0!		79	0	7603.58						
		Total	1072809	455	4246	59781	23	3830	478	1132112	478	4225.38	0	0	#DIV/0!	0	0	#DIV/0!
17	Lara	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!						
18	NTPC Solapur	Total	0	0	#DIV/0!	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal (Sp.)	24761	9.73	3931	186679	64.44	3451.98	1493	209947	74	3533.06						
		Domestic Coal (NTPC mines)	103651	60.32	5819			#DIV/0!		103651	60	5819.47						
19	Lara	Domestic Coal	324653	181.17	5580			#DIV/0!		324653	181	5580.29						
		E-Auction	41878	24.94	5956			#DIV/0!		41878	25	5956.27						
		Imported Coal	189300	145.14	7667			#DIV/0!		189300	145	7667.23						
20	Lara	Total	684244	421	6157	186679	64	3452	1493	869430	486	5586.95	0	0	#DIV/0!	0	0	#DIV/0!
		Domestic Coal (Others)	53806	12.96	2409	271882	66.52	2447	2175	323514	79	2456.79						
		Domestic Coal (NTPC mines)	119201	35.59	2985	102025	18.55	1818	816	220410	54	2456.19						
21	Lara	E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	173007	49	2806	373908	85	2275	2991	543924	134	2456.55	0	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	Available at Plant boundary during the month			Consumption during the month			Closing inventory actual		
			Quantity unit (MT)	Cost Rs. Crore	Price Rs./unit	Quantity unit (MT)	Cost Rs. Crore	Price Rs./unit		Quantity unit	Cost Rs. Crore	Price Rs./unit	Quantity unit	Cost Rs. Crore	Price Rs./unit	Quantity unit	Cost Rs. Crore	Price Rs./unit
18	Gadarwara	Domestic Coal (Others)	124819	58.51	4687	126334	42.66	3377	1011	250142	101	4044.23						
		Domestic Coal (NTPC mines)	1846	0.86	4644			#DIV/0!		1846	1	4643.75						
		Domestic Coal (Sp.)	77851	28.66	3681	89007	27.09	3043	712	166146	56	3354.92						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	204516	88	4304	215341	70	3239	1723	418134	158	3772.98	0	0	#DIV/0!	0	0	#DIV/0!
19	Khargone	Domestic Coal (Others)	27350	13.32	4871	77741	31.56	4060	622	104468	45	4296.11						
		Domestic Coal (NTPC mines)	209268	109.91	5252			#DIV/0!		209268	110	5251.96						
		Domestic Coal (Sp.)	35602	14.95	4201	19227	7.59	3947	154	54674	23	4123.39						
		E-Auction			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Imported Coal			#DIV/0!			#DIV/0!		0	0	#DIV/0!						
		Total	272219	138	5076	96967	39	4037	776	368411	177	4813.43	0	0	#DIV/0!	0	0	#DIV/0!
20	KAPP																	
21	TAPP 1&2																	
22	TAPP 3&4																	
Other Generating Stations																		
1	JSW	Coal	28224			55000				83224			83218			6		
2	CGPL	Coal	573897			881540				1455437			1041858			413579		
3	APML 125 MW	Coal	447169			964248				1411417			865471			545946		
4	APML 1320 MW	Coal																
5	APML 1200 MW	Coal																
6	APML 440 MW	Coal																
7	EMCO Power	Coal	19752	6.51	3297	268238.93	88.05	3282	890	287101	94.56	3294	250483	82.89	3309	36619	11.67	3187
8	RIPL 450 MW	Coal																
9	RIPL 750 MW	Coal																
10	SWPGL	Coal	55177			64593.63				119770.42			51677.14			68093		

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	0	0	0	#DIV/0!	
2	Bhusawal - 4	Coal	0.8	443389	440042	3347	0.75%	
3	Bhusawal - 5	Coal	0.8					
4	Khaparkheda - 1 to 4	Coal	0.8					
5	Khaparkheda - 5	Coal	0.8	235031	233567	1464	0.62%	
6	Nashik- 3,4 & 5	Coal	0.8	0	0	0		
7	Chandrapur - 3	Coal	0.8	747953	740401	7552	1.01%	
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	233694	231866	1828	0.78%	
13	Paras - 4	Coal	0.8					
14	Parli - 6	Coal	0.8	6781	6756	25	0.37%	
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	9560	9560	0	0.00%	
21	Chandrapur - 8	Coal	0.8	471111	465488	5623	1.19%	
22	Chandrapur - 9	Coal	0.8					
23	Koradi R U-8	Coal	0.8	544927	540506	4422	0.81%	
24	Koradi 9	Coal	0.8					
25	Koradi10	Coal	0.8					
26	MSPGCL Dhariwal	Coal						
27	Dodson I	Hydro						
28	Dodson II	Hydro						
Central Generating Stations								
1	KSTPS	Coal	0.2	940125	938246	1879	0.2%	
2	KSTPS III	Coal	0.2	940125	938246	1879	0.2%	
3	VSTP I	Coal	0.2	2359651	2349780	9871	0.4%	
4	VSTP II	Coal	0.2	2359651	2349780	9871	0.4%	
5	VSTP III	Coal	0.2	2359651	2349780	9871	0.4%	
6	VSTP IV	Coal	0.2	2359651	2349780	9871	0.4%	
7	VSTP V	Coal	0.2	2359651	2349780	9871	0.4%	
8	Kawas	Gas	-		0		#DIV/0!	
9	Gandhar	Gas	-		0		#DIV/0!	
10	KhSTPS-II	Coal	0.2	636572	633446	3126	0.5%	
11	SIPAT TPS 2	Coal	0.2	1314989	1310546	4443	0.3%	
12	SIPAT TPS 1	Coal	0.2	1314989	1310546	4443	0.3%	
13	Mauda I	Coal	0.8	59781	59303	478	0.8%	
14	Mauda II	Coal	0.8	59781	59303	478	0.8%	
15	NTPC Solapur 2	Coal						
16	NTPC Solapur	Coal	0.8	186679	185186	1493	0.8%	
17	Lara	Coal	0.2	373908	370916	2991	0.8%	
18	Gadarwara	Coal	0.8	215341	213618	1723	0.8%	
19	Khargone	Coal	0.8	96967	96192	776	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		268239	267349	890	0.3%	
8	RIPL 450 MW	Coal						
9	RIPL 750 MW	Coal						
10	SWPGL	Coal						

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Sep-20

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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	2,790.17	2,526.66		
	Industry (Seasonal)		102.93	1.95	2.57		
	Commercial		1,887.38	147.90	97.89		
	Railways/Metro/Monorail		80.46	6.18	5.51		
	Public Water Works (PWW)		1,996.12	163.27	132.82		
	Agricultural - Pumpsets		1,243.85	69.59	49.53		
	Agricultural - Others		259.40	20.36	19.01		
	Group Housing Society (Residential)		239.68	19.94	17.81		
	Public Services - Government		273.16	22.88	21.42		
	Public Services - Others		825.16	69.54	54.59		
	Electric Vehicle Charging Stations		0.31	0.03	0.03		
	MSPGCL Auxiliary		183.74	13.47	8.81		
	Other Adjustment		4,842.00	403.50	350.76		
	Sub-total		45,764.17	3,728.77	3,287.41		
	LT Category						
	BPL		45.14	3.30	8.58		
	Residential		22,868.98	1,899.91	1,889.72		
	Non Residential		6,934.28	553.45	345.06		
	Public Water Works		892.76	70.68	72.00		
	AG Metered (Pumpsets)		17,571.05	991.18	1,613.80		
	AG Metered (Others)		140.00	10.58	14.39		
	Industrial		9,618.89	733.03	735.81		
	Street Lights		2,272.61	190.15	160.72		
	Public Services		572.79	49.02	39.92		
	Electric Vehicle Charging Stations		0.23	0.02	0.03		
	Prepaid		-	-	-		
	Sub-total		60,916.73	4,501.32	4,880.03		
2	Energy Sales outside the License						
	Sub total		-	-	-		
3	Total Energy Sales (1+2)		1,06,680.90	8,230.09	8,167.44		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
Form 15: Energy Sales - Unmetered

S. No.	Consumer Category	Year			Sales in the month			Cumulative upto the preceding Quarter Actual
		Approved by the Commission			Approved for the month	Actual Month_____		Reasons for material variation
		Load	Norm	ECUM		Load	ECUM	
		HP	hrs./HP/Year	MU		HP	MU	
1	Zone 1	34,70,555.00		4,732.75				
	Unmetered						314.53	
	Hrs>1318							
	Bhandup (U)						-	
	Nasik						115.29	
	Pune						15.12	
	Jalgaon						66.12	
	Baramati						118.00	
2	Zone 2	39,52,444.00		4,050.57	665.29			
	Unmetered						342.64	
	Hrs>1318							
	Akola						21.45	
	Amravati						33.36	
	Aurangabad						78.05	
	Kalyan						-	
	Konkan						-	
	Kolhapur						5.45	
	Latur						123.10	
	Nagpur (U)						1.62	
	Chandrapur						-	
	Gondia						-	
	Nanded						79.62	
	Total	74,22,999.00		8,783.32	665.29		657.18	

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
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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	-	-	-		0	0
	Station 2	MU	-	-	-		0	0
	Station 3	MU	-	-	-		0	0
	Sub total	MU	-	-	-		-	-
2.0	Power Purchase from other Sources							
2.1	State Generating Stations							
	Bhusawal - 3	MU	-	-	(1.58)		-	(9.08)
	Bhusawal - 4	MU	2,878.32	287.64	235.03		1,430.53	525.43
	Bhusawal - 5	MU	2,535.73	287.64	235.03		1,160.15	561.98
	Khaparkhedha - 1 to 4	MU	4,467.19	367.17	376.93		2,239.71	2,077.42
	Khaparkhedha - 5	MU	3,352.22	275.53	274.65		1,680.70	1,646.09
	Nashik- 3,4 & 5	MU	2,007.66	17.71	(1.43)		1,000.12	(8.64)
	Chandrapur - 3	MU	1,145.55	94.16	562.23		574.35	3,803.07
	Chandrapur - 4	MU	1,145.55	94.16			574.35	
	Chandrapur - 5	MU	2,727.51	224.18			1,367.49	
	Chandrapur - 6	MU	2,727.51	224.18			1,367.49	
	Chandrapur - 7	MU	2,727.51	224.18			1,367.49	
	Paras - 3	MU	1,586.88	130.43	113.94		795.61	740.03
	Paras - 4	MU	1,586.88	130.43	113.94		795.61	750.77
	Parli - 6	MU		-	21.13		-	17.18
	Parli - 7	MU		-	21.13		-	23.33
	Koradi - 6	MU	584.43	48.04	(1.98)		293.02	(12.29)
	Koradi - 7	MU	584.43	48.04			293.02	
	GTPS Uran	MU	2,898.32	238.22	156.57		1,453.13	855.36
	Hydro (Ghatghar)	MU	3,296.55	270.95	242.77		1,652.79	2,039.10
	Parli Replacement U 8	MU	246.85	-	57.06		246.85	126.95
	Chandrapur - 8	MU	3,422.63	281.31	283.83		1,716.00	1,655.92
	Chandrapur - 9	MU	3,422.63	281.31	283.83		1,716.00	1,642.03
	Koradi R U-8	MU	3,261.91	268.10	265.45		1,635.42	842.61
	Koradi 9	MU	3,261.91	268.10	265.45		1,635.42	975.88
	Koradi10	MU	3,261.91	268.10	265.45		1,635.42	835.48
	MSPGCL Dhariwal	MU		-	112.84		-	792.57
	Dodson I	MU	51.51	4.23	3.96		25.82	35.90
	Dodson II	MU	64.21	5.28	-		32.20	19.61
	Sub total	MU	53,245.80	4,339.07	3,886.22		26,688.70	19,936.70
2.2	Central Generating Stations							
	KSTPS	MU	4,222.49	347.05	391.08		2,117.03	2,500.61
	KSTPS III	MU	755.30	62.08	82.35		378.69	499.37
	VSTP I	MU	2,778.10	228.34	250.34		1,392.86	1,634.89
	VSTP II	MU	2,226.82	183.03	217.29		1,116.46	1,306.89
	VSTP III	MU	1,801.00	148.03	182.82		902.97	1,072.79
	VSTP IV	MU	1,888.12	155.19	195.81		946.65	1,119.31
	VSTP V	MU	1,028.26	84.51	104.31		515.54	591.35
	Kawas	MU	348.10	28.61	47.91		174.53	295.71
	Gandhar	MU	256.03	21.04	41.44		128.36	245.88
	KhSTPS-II	MU	1,033.69	84.96	47.92		518.26	397.60
	SIPAT TPS 2	MU	1,801.00	148.03	183.16		902.97	1,121.15
	SIPAT TPS 1	MU	3,560.12	292.61	349.14		1,784.94	2,199.04
	Mauda I	MU	933.85	-	134.01		494.55	225.21
	Mauda II	MU	3,390.27	286.99	75.68		1,750.64	122.83
	NTPC Solapur 2	MU		-	-		-	-
	NTPC Solapur	MU	251.00	-	172.73		251.00	274.51
	Lara	MU	1,579.96	129.86	77.55		792.14	302.39
	Gadarwara	MU	57.24	-	18.68		57.24	55.68
	Khargone	MU	342.52	28.15	19.30		171.73	56.01
	KAPP	MU	979.30	80.49	94.46		490.99	560.08
	TAPP 1&2	MU	1,143.71	94.00	(1.01)		573.42	154.10
	TAPP 3&4	MU	2,809.23	230.90	163.87		1,408.46	1,642.12
	Sub total	MU	33,186.09	2,633.87	2,848.83		16,869.41	16,377.51
2.3	Renewable Energy based Generating Stations							
	Renewable - Non Solar	MU	6,988.00	654.00	428.97		6,999.00	4,478.62

Maharashtra State Electricity Distribution Co. Ltd.
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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
	Renewable - Solar	MU	13,284.00	559.00	334.97		3,214.00	2,379.66
	Sub total	MU	20,272.00	1,213.00	763.94		10,213.00	6,858.27
2.4	Other Generating Stations							
	JSW	MU	1,934.21	158.98	181.09		969.75	1,155.72
	CGPL	MU	5,157.89	423.94	462.48		2,586.01	2,603.41
	APML 125 MW	MU	870.25	71.53	71.06		436.32	260.62
	APML 1320 MW	MU	9,189.85	755.33	439.05		4,607.52	4,577.13
	APML 1200 MW	MU	7,862.98	646.27	682.21		3,942.26	2,501.95
	APML 440 MW	MU	3,063.28	251.78	51.78		1,535.84	396.44
	EMCO Power	MU	1,370.06	112.61	126.58		686.91	702.68
	RIPL 450 MW	MU	782.11	-	-		515.18	-
	RIPL 750 MW	MU	1,303.52	-	-		858.64	-
	Sai Wardha	MU	-	-	-		-	183.38
	Sub total	MU	31,534.15	2,420.43	2,014.25		16,138.42	12,381.33
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	99.45	232.96		606.63	521.23
	Pench	MU	136.50	11.22	36.31		68.44	96.53
	Inter State	MU	-	-	0.76		-	4.70
	NTPC NVVN Coal	MU	-	-	10.94		-	57.80
	Short Term	MU	-	-	141.64		-	3,116.46
	Inter state loss	MU	(1,274.00)	(106.17)	(331.15)		(106.17)	(331.15)
	Sub total	MU	72.44	4.50	91.46		568.90	3,465.58
	Total Power purchase from other sources (2.1+2.2+2.3+2.4+2.5+2.6)	MU	1,38,310.49	10,610.87	9,604.70		70,478.44	59,019.40
3.0	Energy Availability							
3.1	Energy available for sale within the Licensee area (1+2)	MU	1,38,310.49	10,610.87	9,604.70		70,478.44	59,019.40
	Infirm Non-PPA Wind power		888.00	74.00	-			
	Input for OA consumption		4,114.00	342.83	312.11			
	Energy injected and drawn at 33 Kv		573.00	47.75	47.53			
	Surplus power traded		1,106.00	92.17	20.95			
3.2	Energy available for sale within the Licensee area at transmission voltage	MU	1,41,633.49	10,887.78	9,937.76			
	Intra-state transmission loss		4,502.00	400.94	289.19			
3.3	Energy available for sale within the Licensee area at distribution voltage	MU	1,37,131.49	10,542.40	9,648.58			

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
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Form 17: Losses

Particulars	Units	Year	For the month			Cumulative upto the month	
		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	10,887.78	9,937.76			
Energy Sales at Transmission Voltages (including EHV	MU	10,357.00	863.08	776.82			
Energy fed to Distribution System	MU	1,26,774.49	9,679.32	8,871.76			
Transmission Loss (=1.1 - 1.2 - 1.3)	MU	4,502.00	345.38	289.19			
Transmission Loss as % of Net Energy Input (=1.4 ÷ 1.1)	%	3.18%	3.17%	2.91%			
Distribution Loss							
Net Energy input at Distribution Voltages	MU	1,23,451.49	10,287.62	8,919.28			54,503.82
Energy sales (metered) at Distribution voltages	MU	92,427.90	7,702.33	7,390.62			40,893.20
Estimated consumption of unmetered categories of consumers	MU	8,783.32	731.94	657.18			4,699.46
Distribution Loss (=2.1 - 2.2 - 2.3)	MU	22,240.27	1,853.36	871.49			8,911.17
Distribution Loss as % of net energy input (=2.4 ÷ 2.1)	%	18%	18.0%	9.77%			16.35%
Excess Distribution Loss = [Distribution Loss (2.5) - Distribution loss approved] x Net Energy Input (2.1)	MU	-	-	-			-

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
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Form 18: Power Purchase Cost

S. No.	Source of Power Purchase	Year							Actual for the month							
		Approved by the Commission							Sep-20							
		Net Purchase	Variable Cost	Variable Cost	Fixed Charge	Other Charge	Power Purchase Cost	Average power purchase cost	Net Purchase	Variable Cost	Variable Cost	Fixed Charge	Change in Law Impact	Other Charge	Power Purchase Cost	Average power purchase cost
	MU	Rs./kWh	Rs. Crore	Rs. Crore	Rs. Crore	Rs. Crore	Rs./kWh	MU	Rs./kWh	Rs. Crore	Rs. Crore	Rs. Crore	Rs. Crore	Rs. Crore	Rs. Crore	Rs./kWh
1.0	Own Generation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.0	Power Purchase from other Sources	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1	State Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bhusawal - 3	-	-	-	12.02	-	12.02	-	(1.58)	3.92	(0.62)	13.69	-	-	13.08	(82.85)
	Bhusawal - 4	287.64	3.27	93.96	47.14	-	141.11	4.91	235.03	2.78	65.41	47.14	-	-	112.56	4.79
	Bhusawal - 5	287.64	3.27	93.96	47.14	-	141.11	4.91	235.03	2.78	65.41	47.14	-	-	112.56	4.79
	Khaparkhedha - 1 to 4	367.17	2.81	103.12	37.32	-	140.44	3.82	376.93	2.73	102.75	40.92	-	-	143.67	3.81
	Khaparkhedha - 5	275.53	2.46	67.72	45.05	-	112.77	4.09	274.65	2.40	65.82	47.01	-	-	112.83	4.11
	Nashik- 3,4 & 5	17.71	3.39	6.01	39.94	-	45.96	25.94	(1.43)	3.39	(0.48)	39.94	-	-	39.46	(276.72)
	Chandrapur - 3	94.16	2.54	23.91	13.98	-	37.89	4.02								
	Chandrapur - 4	94.16	2.54	23.91	13.98	-	37.89	4.02								
	Chandrapur - 5	224.18	2.54	56.93	13.98	-	70.91	3.16	562.23	2.45	137.95	48.84	-	-	186.79	3.32
	Chandrapur - 6	224.18	2.54	56.93	13.98	-	70.91	3.16								
	Chandrapur - 7	224.18	2.54	56.93	13.98	-	70.91	3.16								
	Paras - 3	130.43	2.99	38.99	22.64	-	61.63	4.72	113.94	2.29	26.15	22.04	-	-	48.18	4.23
	Paras - 4	130.43	2.99	38.99	22.64	-	61.63	4.72	113.94	2.29	26.15	22.04	-	-	48.18	4.23
	Parli - 6	-	-	-	21.31	-	21.31	-	21.13	3.16	6.67	22.94	-	-	29.61	14.02
	Parli - 7	-	-	-	21.31	-	21.31	-	21.13	3.16	6.67	22.94	-	-	29.61	14.02
	Koradi - 6	48.04	3.14	15.06	7.77	-	22.83	4.75	(1.98)	3.14	(0.62)	21.82	-	-	21.20	(107.34)
	Koradi - 7	48.04	3.14	15.06	7.77	-	22.83	4.75								
	GTPS Uran	238.22	2.68	63.92	15.70	-	79.61	3.34	156.57	1.76	27.59	10.39	-	-	37.98	2.43
	Hydro (Ghatghar)	270.95	-	-	23.05	47.28	70.33	2.60	242.77	0.21	5.18	16.66	-	47.09	68.93	2.84
	Parli Replacement U 8	-	3.83	-	28.46	-	28.46	-	57.06	3.14	17.92	32.59	-	-	50.51	8.85
	Chandrapur - 8	281.31	2.45	69.00	46.90	-	115.90	4.12	283.83	2.31	65.54	51.17	-	-	116.71	4.11
	Chandrapur - 9	281.31	2.45	69.00	46.90	-	115.90	4.12	283.83	2.31	65.54	51.17	-	-	116.71	4.11
	Koradi R U-8	268.10	2.28	61.22	43.81	-	105.03	3.92	265.45	2.49	66.12	45.29	-	-	111.41	4.20
	Koradi 9	268.10	2.28	61.22	43.81	-	105.03	3.92	265.45	2.49	66.12	45.29	-	-	111.41	4.20
	Koradi10	268.10	2.28	61.22	43.81	-	105.03	3.92	265.45	2.49	66.12	45.29	-	-	111.41	4.20
	MSPGCL Dhariwal	-	-	-	-	-	-	-	112.84	2.79	31.46	-	-	-	31.46	2.79
	Dodson I	4.23	1.68	0.71	-	-	0.71	1.68	3.96	1.54	0.61	-	-	0.11	0.72	1.82
	Dodson II	5.28	-	-	0.76	-	0.76	1.44	-	-	-	0.76	-	-	0.76	-
	Sub total	4,339.07	2.48	1,077.79	695.14	47.28	1,820.21	4.19	3,886.22	2.35	913.46	695.11	-	47.20	1,655.77	4.26
2.2	Central Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	KSTPS	347.05	1.49	51.78	26.40	-	78.18	2.25	391.08	1.32	51.46	25.22	-	5.92	82.60	2.11
	KSTPS III	62.08	1.45	8.99	9.75	-	18.74	3.02	82.35	1.30	10.67	9.83	-	1.46	21.96	2.67
	VSTP I	228.34	1.78	40.75	22.12	-	62.87	2.75	250.34	1.63	40.75	21.10	-	(2.07)	59.78	2.39
	VSTP II	183.03	1.68	30.74	14.11	-	44.85	2.45	217.29	1.57	34.06	13.70	-	(0.54)	47.23	2.17
	VSTP III	148.03	1.72	25.46	16.97	-	42.42	2.87	182.82	1.55	28.41	16.85	-	(0.63)	44.63	2.44
	VSTP IV	155.19	1.71	26.49	27.47	-	53.96	3.48	195.81	1.54	30.07	27.12	-	(0.43)	56.76	2.90
	VSTP V	84.51	1.71	14.48	16.55	-	31.03	3.67	104.31	1.59	16.57	15.62	-	0.04	32.23	3.09
	Kawas	28.61	2.93	8.39	10.89	-	19.28	6.74	47.91	1.98	9.48	10.36	-	(0.06)	19.78	4.13
	Gandhar	21.04	2.89	6.08	13.50	-	19.58	9.30	41.44	2.01	8.32	12.78	-	0.37	21.47	5.18
	KhSTPS-II	84.96	2.20	18.72	9.52	-	28.24	3.32	47.92	2.17	10.40	5.75	-	0.18	16.33	3.41
	SIPAT TPS 2	148.03	1.44	21.28	20.01	-	41.28	2.79	183.16	1.55	28.40	19.89	-	2.78	51.08	2.79
	SIPAT TPS 1	292.61	1.43	41.71	42.87	-	84.58	2.89	349.14	1.50	52.52	42.85	-	4.23	99.61	2.85
	Mauda I	-	3.34	-	44.10	-	44.10	-	134.01	2.93	39.24	43.19	-	1.10	83.53	6.23
	Mauda II	286.99	3.07	87.99	47.10	-	135.09	4.71	75.68	2.94	22.26	46.35	-	0.66	69.27	9.15
	NTPC Solapur 2	-	-	-	40.54	-	40.54	-	-	-	-	-	-	-	-	-
	NTPC Solapur	-	3.75	-	40.54	-	40.54	-	172.73	2.85	49.29	65.21	-	0.45	114.95	6.65
	Lara	129.86	2.38	30.96	18.06	-	49.02	3.77	77.55	1.86	14.43	15.56	-	0.56	30.55	3.94
	Gadawara	-	3.52	-	5.28	-	5.28	-	18.68	2.47	4.61	5.41	-	0.25	10.27	5.50
	Khargone	28.15	3.03	8.53	6.04	-	14.57	5.18	19.30	2.78	5.37	10.76	-	0.24	16.36	8.48
	RRAS (Thermal)	-	-	-	-	-	-	-	-	-	-	-	-	(0.10)	(0.10)	-
	RRAS (Gas)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NTPC FC Instalment 3/3	-	-	-	-	-	-	-	-	-	-	85.67	-	-	85.67	-
	KAPP	80.49	2.39	19.26	-	-	19.26	2.39	94.46	2.29	21.63	-	-	2.03	23.66	2.50
	TAPP 1&2	94.00	2.13	19.98	-	-	19.98	2.13	(1.01)	-	-	-	-	1.02	1.02	(10.01)
	TAPP 3&4	230.90	3.31	76.41	-	-	76.41	3.31	163.87	3.39	55.55	-	-	7.08	62.63	3.82
	Sub total	2,633.87	2.04	537.99	431.82	-	969.81	3.68	2,848.83	1.87	533.51	493.23	-	24.53	1,051.28	3.69
2.3	Renewable Energy based Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renewable - Non Solar	654.00	4.93	322.65	-	-	322.65	4.93	428.97	4.46	191.51	-	-	-	191.51	4.46
	Renewable - Solar	559.00	3.62	202.24	-	-	202.24	3.62	334.97	4.10	137.21	-	-	-	137.21	4.10
	Sub total	1,213.00	4.33	524.89	-	-	524.89	4.33	763.94	4.30	328.72	-	-	-	328.72	4.30
2.4	Other Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	JSW	158.98	2.79	44.43	13.17	-	57.59	3.62	181.09	2.33	37.93	13.08	4.21	-	55.22	3.05
	CGPL	423.94	2.01	85.07	40.03	0.03	125.13	2.95	462.48	1.92	80.80	39.50	8.08	0.02	128.39	2.78
	APML 125 MW	71.53	2.84	20.29	10.13	-	30.42	4.25	71.06	2.74	17.26	9.99	2.21	0.18	29.65	4.17
	APML 1320 MW	755.33	1.84	138.83	87.11	-	225.94	2.99	439.05	1.80	65.73	84.62	13.50	-	163.85	3.73
	APML 1200 MW	646.27	2.84	183.34	97.24	-	280.59	4.34	682.21	2.74	165.73	95.91	21.24	1.72	284.60	4.17
	APML 440 MW	251.78	2.90	73.00	36.75	-	109.74	4.36	51.78</							

Maharashtra State Electricity Distribution Co. Ltd.
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Form 19: Change in Power Purchase Cost

S. No.	Particulars	Units	Value
Month			
1	Average power purchase cost approved by the Commission (Form 17, Cell Ref. G50)	Rs./kWh	4.26
2	Actual average power purchase cost (Form 17, Cell Ref. L50)	Rs./kWh	4.37
3	Change in average power purchase cost (=2 -1)	Rs./kWh	0.11
4	Net Power Purchase (Form 17, Cell Ref. H50)	MU	9,914.90
5	Change in power purchase cost (=3 x 4/10)	Rs. Crore	111.37

Maharashtra State Electricity Distribution Co. Ltd.

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

S. No.	Particulars	Units	Sep-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.
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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.
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Form 22: Carrying cost for over-recovery/under-recovery

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

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-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	111.37	15.61	95.76
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	111.37	15.61	95.76

Maharashtra State Electricity Distribution Co. Ltd.**Filing for the month Sep-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	(122.79)	(49.34)	(73.45)
2	FAC for the month (Form 23 Sr. No. 4)	Rs. Crore	111.37	15.61	95.76
3	Holding cost of Fund	Rs. Crore	(0.80)	(0.33)	(0.47)
4	Closing Balance of FAC Fund (1+2)	Rs. Crore	(12.22)	(34.07)	21.85
5	Z _{FAC} leviable to consumer (equal to Sr. No. 3 if it is positive)	Rs. Crore	21.85	-	21.85
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 Sep-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	8,824.61	2,270.97	6,553.64
2	Excess Distribution Loss	MU	-	-	-
3	Z _{FAC} leviable/refundable to consumer (Form 23)	Rs. Crore	111.37	15.61	95.76
4	Z _{FAC} per kWh	Rs./kWh	0.13	0.07	0.15
5	Cap at 20% of variable component of tariff	Rs./kWh			
6	FAC Charge allowable (Minimum of 4 and 5)	Rs./kWh	0.13	0.07	0.15

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-20
Financial Year : 2020-21
Form 26: Calculation of FAC Charge for unmetered categories

S. No.	Unmetered consumer category	Sep-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.
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Form 27: Recovery of FAC Charge

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	FAC leviable / refundable to consumer	Rs. Crore	111.37	15.61	95.76
2	FAC disallowed corresponding to excess Distribution Loss	Rs. Crore	-		
3	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of ____	Rs. Crore	0		
4	Carried forward FAC for recovery during future period (1-3-4)	Rs. Crore	111.37	15.61	95.76

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Sep-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	111.37	15.61	95.76
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	111.37	15.61	95.76
	Less: - FAC of Ag consumers to be billed in Billing Qtr of June 2020	Rs. Crore	-	-	-
	FAC to be Charged	Rs. Crore	111.37	15.61	95.76
2.1	Energy Sales within the License Area	MU	8,824.61	2,270.97	6,553.64
2.2	Excess Distribution Loss	MU	-	-	-
2.3	Z _{FAC} per kWh [(1.4/2.1)*10]	Rs./kWh	0.13	0.07	0.15
3.0	Allowable FAC				
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	0	0	0
3.2	FAC allowable [1.4-3.1]	Rs. Crore	111.37	15.61	95.76
4.0	Utilization of FAC Fund				
4.1	Opening Balance of FAC Fund	Rs. Crore	(122.79)	(49.34)	(73.45)
4.2	Z _{FAC} for the month (Sr. N. 3.2)	Rs. Crore	111.37	15.61	95.76
4.3	Holding cost of Fund	Rs. Crore	(0.80)	(0.33)	(0.47)
4.4	Closing Balance of FAC Fund	Rs. Crore	(12.22)	(34.07)	21.85
4.5	Z _{FAC} leviable/refundable to consumer	Rs. Crore	21.85	-	21.85
5.0	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of	Rs. Crore	21.85	-	21.85
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.
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Financial Year : 2020-21
Form 29: Category wise and slab wise FAC

S. No.	Consumer categories	Sep-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 Recovery	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	0.07	0.22	8.58	1.00	8.58		0.06	(0.01)	0.05	0.19	0.06	
	Consumption > 30 Units per month																
	1-100 Units	6.03	3.46	7.31	0.82	0.12	0.69	551.55	1.00	551.55		6.65	(1.19)	5.46	38.17	0.10	
	101-300 Units	9.94	7.43	7.31	1.36	0.20	1.49	969.64	1.00	969.64		19.27	(3.44)	15.83	144.09	0.16	
	301-500 Units	12.84	10.32	7.31	1.76	0.26	2.06	192.78	1.00	192.78		4.95	(0.88)	4.06	39.79	0.21	
	Above 500 Units	13.54	11.71	7.31	1.85	0.27	2.34	175.75	1.00	175.75		4.76	(0.85)	3.91	41.16	0.22	
	Sub Total Domestic							1,889.72									
	Non Domestic (LT-II)																
	0-20 KW	10.61	7.36	7.31	1.45	0.21	1.47	270.28	1.00	270.28		5.73	(1.02)	4.71	39.79	0.17	
	>20-50 KW	14.01	10.72	7.31	1.92	0.28	2.14	42.76	1.00	42.76		1.20	(0.21)	0.98	9.17	0.23	
	>50 KW	16.11	12.83	7.31	2.20	0.32	2.57	32.02	1.00	32.02		1.03	(0.18)	0.85	8.22	0.26	
	Sub Total Non Dmestic							345.06									
	Public Water Works (LT-III)																
	0-20 KW	4.03	2.4	7.31	0.55	0.08	0.48	56.68	1.00	56.68		0.46	(0.08)	0.38	2.72	0.07	
	20-40 KW	5.68	3.78	7.31	0.78	0.11	0.76	7.05	1.00	7.05		0.08	(0.01)	0.07	0.53	0.09	
	above 40 kw	7.12	5.11	7.31	0.97	0.14	1.02	8.27	1.00	8.27		0.12	(0.02)	0.10	0.85	0.12	
	Sub Total PWW							72.00									
	Agriculture (LT-IV)																
	Unmetered Tariff																
	AG unmetered Pump set																
	Zone 1																
	A) 0-5 HP	4.45		7.31	0.61	0.04	-		1.00		4.51	-	-	-	-	-	
	B) 5HP -7.5 HP	4.37		7.31	0.60	0.04	-		1.00		4.43	-	-	-	-	-	
	C) Above 7.5 HP			7.31	-	-	-		1.00		-	-	-	-	-	-	
	Zone 2																
	A) 0-5 HP	4.38		7.31	0.60	0.04	-		1.00		4.44	-	-	-	-	-	
	B) 5HP -7.5 HP	5.08		7.31	0.69	0.05	-		1.00		5.15	-	-	-	-	-	
	C) Above 7.5 HP			7.31	-	-	-		1.00		-	-	-	-	-	-	
	Metered Tariff PUMP SETS	3.71	1.85	7.31	0.51	0.03	0.37		1.00	1,613.80		5.63	9.98	15.61	-	-	
	Metered Tariff OTHER	7.95	3.34	7.31	1.09	0.16	0.67	14.39	1.00	14.39		0.23	(0.04)	0.19	0.96	0.13	
	Sub Total Agriculture																
	LT Industries (LT-V)																
	0-20 KW	7.24	5.21	7.31	0.99	0.14	1.04	327.16	1.00	327.16		4.73	(0.84)	3.89	34.09	0.12	
	Above 20 KW	8.90	6.11	7.31	1.22	0.18	1.22	408.65	1.00	408.65		7.27	(1.30)	5.97	49.94	0.15	
	Sub Total LT Industrees							735.81									
	Street Light (LT-VI)																
	Grampanchayat A, B & C Class Municipal Council	6.51	4.90	7.31	0.89	0.13	0.98	126.95	1.00	126.95		1.65	(0.29)	1.36	12.44	0.11	
	Municipal corporation Area	7.96	5.97	7.31	1.09	0.16	1.19	33.77	1.00	33.77		0.54	(0.10)	0.44	4.03	0.13	
	Sub Total Street Light							160.72									
	Public Services (LT X)																
	Government																
	0-20 KW	7.99	3.31	7.31	1.09	0.16	0.66	4.12	1.00	4.12		0.07	(0.01)	0.05	0.27	0.13	
	>20-50 KW	7.8	4.89	7.31	1.07	0.16	0.98	0.95	1.00	0.95		0.01	(0.00)	0.01	0.09	0.13	
	>50 KW	8.84	6.01	7.31	1.21	0.18	1.20	1.03	1.00	1.03		0.02	(0.00)	0.01	0.12	0.15	
	Other																
	0-20 KW	7.39	4.86	7.31	1.01	0.15	0.97	18.89	1.00	18.89		0.28	(0.05)	0.23	1.84	0.12	
	>20-50 KW	10.43	7.44	7.31	1.43	0.21	1.49	6.64	1.00	6.64		0.14	(0.02)	0.11	0.99	0.17	
	>50 KW	10.52	7.84	7.31	1.44	0.21	1.57	8.29	1.00	8.29		0.17	(0.03)	0.14	1.30	0.17	
								6.10									
	LT XI: LT – Electric Vehicle (EV) Charging Stations	5.50	4.05	7.31	0.75	0.11	0.81	0.03	1.00	0.03		0.00	(0.00)	0.00	0.00	0.09	
	Total LT Category					4.22		3,232.41		4,880.03		65.04	(0.63)	64.41	430.74		-

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

S. No.	Consumer categories	Sep-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 Recovery	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	0.17	1.43	1,874.62	0.98	1,839.24		32.04	(5.72)	26.32	263.20	0.14	0.14
	Industry (Seasonal)	10.22	7.28	7.31	1.62	0.24	1.68	2.81	0.86	2.43		0.06	(0.01)	0.05	0.41	0.19	0.17
	Commercial	13.46	11.47	7.31	1.90	0.28	2.36	105.29	0.97	102.22		2.83	(0.51)	2.33	24.15	0.23	0.22
	Railways/Metro/Monorail	8.40	6.76	7.31	1.16	0.17	1.37	5.31	0.99	5.25		0.09	(0.02)	0.07	0.72	0.14	0.14
	Public Water Works (PWW)	7.39	6.07	7.31	1.06	0.15	1.27	131.20	0.96	125.44		1.94	(0.35)	1.59	15.93	0.13	0.12
	Agricultural - Pumpsets	4.74	3.79	7.31	0.72	0.11	0.85	12.83	0.90	11.49		0.12	(0.02)	0.10	0.97	0.09	0.08
	Agricultural - Others	6.01	5.20	7.31	0.86	0.13	1.09	19.85	0.96	19.01		0.24	(0.04)	0.20	2.06	0.10	0.10
	Group Housing Society (Residential)	7.27	5.70	7.31	1.02	0.15	1.17	16.78	0.97	16.29		0.24	(0.04)	0.20	1.91	0.12	0.12
	Public Services - Government	9.28	7.74	7.31	1.30	0.19	1.59	22.01	0.97	21.42		0.41	(0.07)	0.34	3.41	0.16	0.15
	Public Services - Others	11.25	9.48	7.31	1.58	0.23	1.94	50.15	0.98	49.00		1.13	(0.20)	0.93	9.51	0.19	0.18
	Electric Vehicle Chargings Stations	8.29	4.93	7.31	1.14	0.17	0.99	0.03	0.99	0.03		0.00	(0.00)	0.00	0.00	0.14	0.14
	EHV			7.31	-	-	-			-							
	Industry (General)	8.36	7.02	7.31	1.16	0.17	1.42	1,039.74	0.99	1,029.30		17.38	(3.10)	14.27	145.98	0.14	0.14
	Industry (Seasonal)	11.01	7.28	7.31	1.52	0.22	1.47	0.14	0.99	0.14		0.00	(0.00)	0.00	0.02	0.18	0.18
	Commercial	14.58	11.47	7.31	2.00	0.29	2.31	2.57	0.99	2.56		0.07	(0.01)	0.06	0.59	0.24	0.24
	Railways/Metro/Monorail	7.08	6.76	7.31	1.62	0.24	2.27	0.52	0.60	0.31		0.01	(0.00)	0.01	0.07	0.20	0.12
	Public Water Works (PWW)	6.67	6.07	7.31	0.92	0.13	1.22	7.41	1.00	7.38		0.10	(0.02)	0.08	0.90	0.11	0.11
	Agricultural - Pumpsets	3.95	3.79	7.31	0.60	0.09	0.83	41.89	0.91	38.04		0.33	(0.06)	0.27	3.18	0.07	0.06
	Agricultural - Others	-	5.20	7.31	-	-	1.04	-	-	-		-	-	-	-	-	-
	Group Housing Society (Residential)	5.70	5.70	7.31	0.80	0.12	1.17	1.98	0.97	1.92		0.02	(0.00)	0.02	0.23	0.10	0.09
	Public Services - Government	-	7.74	7.31	-	-	1.55	-	-	-		-	-	-	-	-	-
	Public Services - Others	10.13	9.48	7.31	1.39	0.20	1.90	7.14	1.00	7.13		0.14	(0.03)	0.12	1.35	0.17	0.17
	Electric Vehicle Chargings Stations	-	4.93	7.31	-	-	0.99	-	-	-		-	-	-	-	-	-
	Total HT Category					3.44	31.91	3,342.27		3,278.60		57.15	(10.20)	46.95	474.59		2.67
	Grand Total					7.66	31.91	6,574.68		8,158.63		122.19	(10.83)	111.37	905.33		2.67