

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month May-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)	3,999.52	5,902.96	9,902.49
2	Actual Sales in Tariff Order (MU)	2,802.17	4,634.19	7,436.36
3	Difference (2-1)	(1,197.35)	(1,268.77)	(2,466.13)

B. Distribution Loss

Sr. No.	Particulars	%
1	Approved Distribution Loss Target (%)	18.02%
2	Actual Cumulative Dist. Loss (%)	28.47%
3	Difference (2-1)	10.45%

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	10,198.96	4,010.64	3.93	7,987.11	3,273.71	4.10	(2,211.85)	(736.94)	0.17
2	Gas	297.47	121.08	4.07	271.49	86.09	3.17	(25.98)	(34.99)	(0.90)
3	Hydro	404.16	95.27	2.36	514.63	84.36	1.64	110.47	(10.91)	(0.72)
4	Nuclear	418.90	119.50	2.85	432.84	132.51	3.06	13.93	13.01	0.21
5	Solar	856.00	422.31	4.93	599.00	321.85	5.37	(257.00)	(100.46)	0.44
6	Non Solar	672.00	243.12	3.62	441.89	184.51	4.18	(230.11)	(58.61)	0.56
7	Short Term	-	-	-	857.79	246.50	2.87	857.79	246.50	2.87
8	REC	-	10.83	-	-	-	-	-	(10.83)	-
9	Inter state transmission	-	276.79	-	-	228.46	-	-	(48.33)	-
10	Sale of surplus power	-	-	-	(5.72)	(2.80)	4.89	(5.72)	(2.80)	4.89
	Total	12,847.50	5,299.55	4.12	11,099.03	4,555.19	4.10	(1,748.46)	(744.36)	(0.02)

D. FAC computation for the month

S. No.	Particulars	Units	May-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	(23.12)
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	(23.12)
2.0	Calculation of FAC Charge		
2.1	Energy Sales within the License Area	MU	8,361.29
2.2	Excess Distribution Loss	MU	0
2.3	Z _{FAC} per kWh [(1.3/2.1)*10]	Rs./kWh	(0.03)
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	(23.12)

E. FAC leviable to Consumers

S. No.	Particulars	Units	May-20
1.0	Opening Balance of FAC Fund	Rs. Crore	(334.21)
2.0	FAC Allowable as computed in above table	Rs. Crore	(23.12)
3.0	Closing Balance of FAC Fund	Rs. Crore	(359.82)
4.0	FAC leviable/refundable to consumer	Rs. Crore	-

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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					Reallocation of Coal - WCL Raw	Reallocation of Coal MCL Raw	Reallocation of Coal SECL raw		
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel					
State Generating Stations											MMT	MMT	MMT		
1	Bhusawal TPS	Bhusawal - 3	210	210	Coal	1.24	WCL,SECL	0.73	0.51	1. Firstly reallocation of available linkages under "flexible utilisation" policy. Then 17 MMT of the FSA coal to be benefited to get @ 13 MMT of washed coal. 2. Procurement of 3 MMT of imported coal. 3. Procurement of @ 8 MMT MoU coal from WCL & SCCL	0.004	0.000	0.100		
2	Bhusawal TPS	Bhusawal - 4	500	500	Coal	2.68	WCL,SECL	3.5	1.85		0.000	0.000	1.160		
3	Bhusawal TPS	Bhusawal - 5	500	500	Coal	2.68	WCL,SECL					1.400	0.614	0.200	
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	840	840	Coal	4.98	WCL, MCL, SECL	5	-0.04			1.017	0.165	0.200	
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	Coal	2.68	WCL, MCL, SECL	2.31	0.36			0.600	0.000	0.000	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	Coal	3.68	WCL,SECL	3.07	0.6		12.8	-1.88	10.170	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								
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		3 MMT of imported coal.	1.530	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	2.36	0.38			0.150	0.000	0.000	
15	Parli TPS	Parli - 7	250	250	Coal	1.37	WCL								
16	Koradi TPS	Koradi - 6	210	210	Coal	1.05	WCL, MCL, SECL	2.19	-0.11		MoU coal from WCL & SCCL	0.000	0.220	0.000	
17	Koradi TPS	Koradi - 7	210	210	Coal	1.05	WCL, MCL, SECL								
18	GTPS Uran	GTPS Uran	672	672	Gas	3.50	GAIL	1.89 MMSCMD	1.6 MMSCMD	No alternate arrangement at prevailing APM price					
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	Hydro	3.50									
20	Parli TPS	Parli Replacement U 8	250	250	Coal	1.37	WCL,SCCL	1.71	-0.34		0.000	0.000	0.000		
21	Chandrapur TPS	Chandrapur - 8	500	500	Coal	2.68	WCL	3.47	1.88		4.000	0.000	0.000		
22	Chandrapur TPS	Chandrapur - 9	500	500	Coal	2.68	(Bridge								
23	Koradi TPS	Koradi R U-8	660	660	Coal	3.32	WCL, SCCL	6.18	3.76		5.670	0.000	0.000		
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	0	185	Coal										
27	Dodson	Dodson I	12	12	Hydro										
28	Dodson	Dodson II	34	34	Hydro										
Central Generating Stations															
1	KSTPS	Unit-I to VI	2100	635	Coal	10.44	SECL								
2	KSTPS III	-	500	120	Coal	2.44	SECL								
3	VSTP I	Unit-I to VI	1260	432	Coal	5.33	NCL								
4	VSTP II	Unit-I, II	1000	336	Coal	4.07	NCL								
5	VSTP III	Unit-I, II	1000	275	Coal	4.04	NCL								
6	VSTP IV	Unit-I, II	1000	294	Coal	3.98	NCL								
7	VSTP V	Unit-I	500	161	Coal	2.01	NCL								

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S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					Reallocation of Coal - WCL Raw	Reallocation of Coal MCL Raw	Reallocation of Coal SECL raw
						Annual Fuel Quantity for normative availability (MMT)	FSA signed with	Fuel available under FSA (MT)	Shortfall in fuel requirement, if any	Source for fulfilling Shortfall in Fuel			
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	Gas		HBJ Pipeline - South Basin Gas field						
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-I)	648	200	Gas		Gandhar Gas field						
10	KhSTPS-II	Unit-I to III	1500	148	Coal	7.59	Rajmahal Coal Fields of ECL						
11	SIPAT TPS 2	Unit-I, II	1,000	274	Coal	4.79	SECL						
12	SIPAT TPS 1	Unit-I to III	1,980	556	Coal	9.20	SECL						
13	Mauda I	Unit-I, II	1000	394	Coal	4.35	SECL, MCL, WCL						
14	Mauda II	Unit-I, II	1320	531	Coal	5.45							
15	NTPC Solapur 2	-	-	-	-	-							
16	NTPC Solapur	Unit-I, II	1320	642	Coal	4.94	MCL						
17	Lara	Unit-I	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	-	NA	NA			
2	CGPL Mundra	Unit 1 to 5 (5 Nos.)	4000	760	Coal	2.14	Indocoal	120000					
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	125	Coal	12.50	SECL/WCL/MCL	4910000 MT (for 1180 MW) 5850000 MT (for remaining capacity)					
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	3300	1320	Coal								
5	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	1200	Coal								
6	Adani Power Maharashtra Limited 440		3300	440	Coal								
7	GMR Energy Limited	1	300	200	Coal	0.87	SECL	2600000					
8	RattanIndia Amravati Power station 450 MW	1 to 5	1320	450	coal	1.93	SECL	5490000					
9	RattanIndia Amravati Power station 750 MW	1 to 5	1320	750	coal	3.22							

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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	MSPGCL				
			Reallocation of Coal SCCL raw	Washed coal	MoU coal	Imported coal	Net coal availability as per FUP
State Generating Stations			MMT	MMT	MMT	MMT	MMT
1	Bhusawal TPS	Bhusawal - 3	0.000	1.017	0.000	0.000	1.121
2	Bhusawal TPS	Bhusawal - 4	0.000	2.020	1.400	0.450	5.030
3	Bhusawal TPS	Bhusawal - 5					
4	Khaparkheda TPS	Khaparkheda - 1 to 4	0.000	2.634	0.000	0.260	5.108
5	Khaparkheda TPS	Khaparkheda - 5	0.000	1.081	0.000	0.300	2.763
6	Nashik TPS	Nashik- 3,4 & 5	0.000	1.700	0.750	0.150	3.200
7	Chandrapur TPS	Chandrapur - 3	0.000	1.256	0.000	0.000	11.426
8	Chandrapur TPS	Chandrapur - 4					
9	Chandrapur TPS	Chandrapur - 5					
10	Chandrapur TPS	Chandrapur - 6					
11	Chandrapur TPS	Chandrapur - 7	0.000	0.000	1.200	0.000	2.730
12	Paras TPS	Paras - 3					
13	Paras TPS	Paras - 4	0.600	0.000	2.200	0.000	2.950
14	Parli TPS	Parli - 6					
15	Parli TPS	Parli - 7	0.000	1.512	0.000	0.130	1.862
16	Koradi TPS	Koradi - 6					
17	Koradi TPS	Koradi - 7					1,89 MMSC MD
18	GTPS Uran	GTPS Uran					
19	MSPGCL Hydro	Hydro (Ghatghar)					
20	Parli TPS	Parli Replacement U 8	0.350	0.085	1.020	0.000	1.455
21	Chandrapur TPS	Chandrapur - 8	0.000	0.525	0.000	0.750	5.275
22	Chandrapur TPS	Chandrapur - 9					
23	Koradi TPS	Koradi R U-8	0.600	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					

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Form 1: Contracted Capacity

S. No.	Name of Station	Name of Unit	MSPGCL				
			Reallocation of Coal SCCL raw	Washed coal	MoU coal	Imported coal	Net coal availability as per FUP
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- I C), UNIT-VI (ST- 2 C)					
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)					
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						
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					

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

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Contracted Capacity (EX-Bus) (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Normative Availability as per PPA	Actual Availability for the Day 1	Actual Availability for the Day 2	Actual Availability for the Day 3	Actual Availability for the Day 4	Actual Availability for the Day 5	Actual Availability for the Day 6	Actual Availability for the Day 7
State 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%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3	Bhusawal TPS	Bhusawal - 5	500	500	470	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Khaparkhedha TPS	Khaparkhedha - 1 to 4	840	840	760	Coal	85%	91.31%	94.21	92.63	97.81	97.94	98.20	90.09
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	470	Coal	85%	96.73%	94.50	98.92	95.98	95.44	90.86	94.94
6	Nashik TPS	Nashik- 3,4 & 5	630	420	561	Coal	80%	96.75%	96.75	96.75	96.75	96.75	96.75	94.16
7	Chandrapur TPS	Chandrapur - 3	210	210	192	Coal	80%	89.87%	89.87%	89.87%	89.87%	90.11%	90.38%	90.38%
8	Chandrapur TPS	Chandrapur - 4	210	210	192	Coal	80%	82.64%	82.64%	82.64%	82.64%	82.88%	83.15%	83.15%
9	Chandrapur TPS	Chandrapur - 5	500	500	457	Coal	80%	95.01%	95.01%	95.01%	95.01%	95.53%	96.10%	96.10%
10	Chandrapur TPS	Chandrapur - 6	500	500	457	Coal	80%	94.29%	94.29%	93.78%	95.01%	94.61%	81.20%	90.89%
11	Chandrapur TPS	Chandrapur - 7	500	500	457	Coal	80%	91.11%	91.11%	71.71%	80.20%	89.41%	89.90%	83.96%
12	Paras TPS	Paras - 3	250	250	227	Coal	85%	80.87	92.08	81.50	79.44	93.38	4.17	0.49
13	Paras TPS	Paras - 4	250	250	227	Coal	85%	100.11	77.67	80.36	100.11	100.11	100.11	100.11
14	Parli TPS	Parli - 6	250	250	227	Coal	85%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
15	Parli TPS	Parli - 7	250	250	227	Coal	85%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16	Koradi TPS	Koradi - 6	210	210	187	Coal	72%	81.69	81.69	81.69	81.69	81.69	81.69	81.69
17	Koradi TPS	Koradi - 7	210	210	187	Coal	72%	76.88	76.88	76.88	76.88	76.88	76.88	76.88
18	GTPS Uran	GTPS Uran	672	672	672	Gas	85%	42.01	42.12	41.82	42.12	42.16	41.99	42.16
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585		Hydro	90%							
20	Parli TPS	Parli Replacement U 8	250	250	250	Coal	85%	100.00	100.00	100.00	91.73	94.06	100.00	100.00
21	Chandrapur TPS	Chandrapur - 8	500	500	470	Coal	85%	97.99%	97.02%	97.52%	98.53%	98.70%	92.98%	95.97%
22	Chandrapur TPS	Chandrapur - 9	500	500	470	Coal	85%	88.90%	88.53%	86.47%	87.39%	87.42%	88.09%	90.00%
23	Koradi TPS	Koradi R U-8	660	660	589	Coal	85%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%
24	Koradi TPS	Koradi 9	660	660	589	Coal	85%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%
25	Koradi TPS	Koradi 10	660	660	589	Coal	85%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%
26	MSPGCL Under Case IV	MSPGCL Dhariwal Phase I	0	185	185	Coal		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	92.12%
27	MSPGCL Under Case IV	MSPGCL Dhariwal Phase I												
28	Dodson	Dodson I	12	12		Hydro								
29	Dodson	Dodson II	34	34		Hydro								

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Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Contracted Capacity (EX-Bus) (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Normative Availability as per PPA	Actual Availability for the Day 1	Actual Availability for the Day 2	Actual Availability for the Day 3	Actual Availability for the Day 4	Actual Availability for the Day 5	Actual Availability for the Day 6	Actual Availability for the Day 7
Central Generating Stations														
1	KSTPS	Unit-I to VI	2100	635	592.46	Coal	85%	91.90%	93.31%	93.31%	93.31%	92.86%	89.27%	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%	82.47%	86.65%	89.95%	89.98%	81.66%	88.63%	89.68%
4	VSTP II	Unit-I, II	1000	336	313.74	Coal	85%	93.56%	93.56%	93.56%	93.56%	93.56%	93.56%	93.56%
5	VSTP III	Unit-I, II	1000	275	259.25	Coal	85%	94.50%	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%	95.07%	95.07%	95.07%
7	VSTP V	Unit-I	500	161	150.19	Coal	85%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- I C), UNIT-VI (ST- 2 C)	645	204	199.27	Gas	85%	94.63%	94.63%	94.63%	91.96%	95.09%	95.65%	94.63%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200	194.89	Gas	85%	96.55%	96.55%	96.52%	96.53%	96.49%	96.46%	96.18%
10	KhSTPS-II	Unit-I to III	1500	148	138.8	Coal	85%	59.33%	62.52%	62.52%	62.52%	62.52%	62.52%	63.55%
11	SIPAT TPS 2	Unit-I, II	1,000	274	258.38	Coal	85%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%	94.49%
12	SIPAT TPS 1	Unit-I to III	1,980	556	526.55	Coal	85%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%	95.23%
13	Mauda I	Unit-I, II	1000	394	371.78	Coal	85%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%	94.73%
14	Mauda II	Unit-I, II	1320	531	501.22	Coal	85%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%	94.76%
15	NTPC Solapur 2	-	-	-	-	Coal	85%							
16	NTPC Solapur	Unit-I, II	1320	642	609.82	Coal	85%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%	95.29%
17	Lara	Unit-I	800	114 (137.39)	127.67	Coal	85%	93.63%	93.63%	93.63%	93.63%	82.98%	84.32%	93.63%
18	Gadarwara	Unit-I	800	25 (47.29)	43	Coal	85%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%
19	Khargone	Unit-I, II	1320	50 (86.78)	81.2322	Coal	85%	93.95%	93.95%	93.95%	93.95%	93.95%	93.95%	93.95%
20	KAPP		440	152		Nuclear								
21	TAPP 1&2		320	160		Nuclear								
22	TAPP 3&4		1080	393		Nuclear								
	Total													
IPPs														

Maharashtra State Electricity Distribution Co. Ltd.
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Maharashtra State Electricity Distribution Co. Ltd.
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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 Availability for last Day of 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%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.73%
3	Bhusawal TPS	Bhusawal - 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85.42%	100.00%	100.00%	97.95%
4	Khaparkhedra TPS	Khaparkhedra - 1 to 4	75.21	66.84	85.25	90.21	89.39	89.12	88.46	90.84	88.99	85.43	87.42	89.12
5	Khaparkhedra TPS	Khaparkhedra - 5	96.47	92.32	90.76	92.13	95.79	90.85	95.73	98.15	96.31	92.26	94.84	95.56
6	Nashik TPS	Nashik- 3,4 & 5	96.75	96.75	96.75	96.75	96.75	96.75	96.17	96.75	96.75	96.75	96.75	96.75
7	Chandrapur TPS	Chandrapur - 3	88.66%	88.66%	88.66%	88.66%	88.66%	88.12%	88.66%	88.66%	88.66%	88.66%	88.66%	88.66%
8	Chandrapur TPS	Chandrapur - 4	75.49%	27.47%	0.00%	0.00%	2.00%	68.51%	65.64%	67.23%	78.93%	78.55%	77.98%	78.93%
9	Chandrapur TPS	Chandrapur - 5	0.00%	74.81%	83.21%	80.82%	89.91%	75.23%	77.66%	85.53%	86.52%	86.62%	87.28%	89.45%
10	Chandrapur TPS	Chandrapur - 6	88.27%	89.86%	88.72%	87.42%	83.87%	89.25%	90.16%	90.20%	88.29%	85.03%	0.00%	0.12%
11	Chandrapur TPS	Chandrapur - 7	84.94%	90.55%	89.14%	84.98%	84.21%	92.57%	91.97%	91.25%	91.25%	87.72%	90.60%	89.47%
12	Paras TPS	Paras - 3	98.02	90.13	89.41	97.67	95.24	97.30	28.72	0.00	35.69	100.11	100.11	100.11
13	Paras TPS	Paras - 4	37.54	0.00	22.85	100.11	97.32	100.11	64.37	0.00	63.23	100.11	100.11	100.11
14	Parli TPS	Parli - 6	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
15	Parli TPS	Parli - 7	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16	Koradi TPS	Koradi - 6	81.69	81.69	81.69	81.69	81.69	81.69	81.69	81.69	81.69	81.69	81.69	81.69
17	Koradi TPS	Koradi - 7	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88
18	GTPS Uran	GTPS Uran	41.96	41.75	41.64	41.44	41.17	31.43	20.29	20.24	20.24	20.09	19.92	19.88
19	MSPGCL Hydro	Hydro (Ghatghar)												
20	Parli TPS	Parli Replacement U 8	100.00	100.00	100.00	100.00	100.00	100.00	100.00	82.68	100.00	100.00	100.00	100.00
21	Chandrapur TPS	Chandrapur - 8	93.18%	88.22%	97.41%	97.20%	95.07%	95.66%	95.98%	98.24%	97.37%	92.79%	85.02%	94.33%
22	Chandrapur TPS	Chandrapur - 9	90.50%	87.72%	88.29%	88.84%	87.53%	87.24%	84.14%	85.36%	83.63%	85.37%	89.81%	90.18%
23	Koradi TPS	Koradi R U-8	88.65%	88.65%	88.65%	88.65%	88.65%	78.59%	37.79%	69.94%	73.09%	58.85%	50.23%	56.92%
24	Koradi TPS	Koradi 9	71.61%	66.44%	72.05%	80.83%	74.20%	76.41%	67.39%	64.67%	76.40%	74.94%	68.19%	76.24%
25	Koradi TPS	Koradi 10	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	57.31%	67.51%	59.82%	61.17%	67.94%
26	MSPGCL Under Case IV	MSPGCL Dhariwal Phase I	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	98.24%	100.00%	100.00%	100.00%	100.00%	100.00%
27	MSPGCL Under Case IV	MSPGCL Dhariwal Phase I	100%	100%	100%	100%	100%	100%	98%	100%	100%	100%	100%	100%
28	Dodson	Dodson I												
29	Dodson	Dodson II												

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[illegible]

Maharashtra State Electricity Distribution Co. Ltd.
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S. No.	Name of Station	Name of Unit	Actual Avarage Availability for the month (%)	Actual Avarage Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
State Generating Stations						
1	Bhusawal TPS	Bhusawal - 3	99.47%			
2	Bhusawal TPS	Bhusawal - 4	99.70%			
3	Bhusawal TPS	Bhusawal - 5	99.40%			
4	Khaparkheda TPS	Khaparkheda - 1 to 4	89.12		U-4 forced outage on 7th May and U-3 under forced outage from 20.05.2020 @12.25 hrs to 21.05.2020@19.23 Hrs	
5	Khaparkheda TPS	Khaparkheda - 5	94.55			
6	Nashik TPS	Nashik- 3,4 & 5	96.62		U-5 DC not declared as same is declared against Dhariwal Case-IV	
7	Chandrapur TPS	Chandrapur - 3	87.73%		forced outage 15.05.20 from 15.20 Hrs to 21:44 Hrs	
8	Chandrapur TPS	Chandrapur - 4	68.77%		under forced outage 12.05.20 from 12.05 Hrs to 18.37 Hrs . Again under froced outage from 21.05.2020 @ 09.05 Hrs to 24.05.2020 @ 21.11 Hrs. Again on force outage 26.05.2020@ 6.55 Hrs to 10.20 Hrs and 27.05.2020 @ 10.40 Hrs to 13.59 Hrs	
9	Chandrapur TPS	Chandrapur - 5	85.01%		under forced outage 19.05.20 from 14.25 Hrs to 21.05.2020 till 1.33 Hrs	
10	Chandrapur TPS	Chandrapur - 6	82.02%		under forced outage From 17-05-2020 @01:26HrsTo18-05-2020 @03:36Hrs and again From 29-05-2020 @13:40HrsTo31-05-2020 @11:02Hrs	
11	Chandrapur TPS	Chandrapur - 7	72.03%		under forced outage From 13-05-2020 @19.22HrsTo14-05-2020 @0.54Hrs and again From 14-05-2020 @2.48HrsTo14-05-2020 @19.02Hrs and again From 14-05-2020 @21.3HrsTo19-05-2020 @12.15Hrs	
12	Paras TPS	Paras - 3	79.88		Under forced outage From 06-05-2020 @0.58HrsTo07-05-2020 @23.35Hrs and again From 10-05-2020 @1.27HrsTo10-05-2020 @9.14Hrs and again From 26-05-2020 @8.3HrsTo28-05-2020 @10.1Hrs	
13	Paras TPS	Paras - 4	84.88		Under forced outage From 20-05-2020 @8.56HrsTo22-05-2020 @16.57Hrs and again From 26-05-2020 @17.5HrsTo28-05-2020 @7.22Hrs	
14	Parli TPS	Parli - 6	100.00			
15	Parli TPS	Parli - 7	99.26			
16	Koradi TPS	Koradi - 6	81.69			
17	Koradi TPS	Koradi - 7	76.88			
18	GTPS Uran	GTPS Uran	36.87			
19	MSPGCL Hydro	Hydro (Ghatghar)				
20	Parli TPS	Parli Replacement U 8	91.45			
21	Chandrapur TPS	Chandrapur - 8	94.75%			
22	Chandrapur TPS	Chandrapur - 9	88.18%			
23	Koradi TPS	Koradi R U-8	82.36%		under forced outage From 26-05-2020 @11.3HrsTo26-05-2020 @14.18Hrs and again from 31-05-2020 @22.56Hrs	
24	Koradi TPS	Koradi 9	79.39%			
25	Koradi TPS	Koradi 10	81.91%			
26	MSPGCL Under Case IV	MSPGCL Dhariwal Phase I	100%			
27	MSPGCL Under Case IV	MSPGCL Dhariwal Phase I	99.90%			
28	Dodson	Dodson I				
29	Dodson	Dodson II				

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S. No.	Name of Station	Name of Unit	Actual Avarage Availability for the month (%)	Actual Avarage Availabilit y for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
Central Generating Stations			Maharashtra's share	Plant Availability		
1	KSTPS	Unit-I to VI	92.36%	101.73	Unit -2 under forced outage From18-05-2020 @14:07HrsTo19-05-2020 @20:29	
2	KSTPS III	-	95.27%	101.80		
3	VSTP I	Unit-I to VI	86.88%	95.01	Unit -2 under forced outage from27-05-2020 @12:25HrsTo28-05-2020 @10:32 and Unit-5 under forced outage From30-05-2020 @08:22HrsTo31-05-2020 @22:10	
4	VSTP II	Unit-I, II	89.96%	100.40	Unit-2 under forced outage From29-05-2020 @21:01HrsTo31-05-2020 @20:36	
5	VSTP III	Unit-I, II	94.34%	102.84		
6	VSTP IV	Unit-I, II	81.71%	86.90	Unit-1 under forced outage From25-05-2020 @21:43HrsTo27-05-2020 @13:14 and Unit -2 under force outage From18-05-2020 @06:00HrsTo19-05-2020 @05:26 and again From28-05-2020 @17:26HrsTo09-06-2020 @13:27	
7	VSTP V	Unit-I	91.56%	100.63	under forced outage From28-05-2020 @17:26HrsTo29-05-2020 @03:13	
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)	94.11%	96.70		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	96.39%	98.93		
10	KhSTPS-II	Unit-I to III	74.19%	80.90	Unit-6 under forced outage from 24.04.2020 to 07.05.2020 @ 19.57 Hrsnd again on 11.05.2020 @ 22.31 to 14.05.2020 @ 19.27 Hrs	
11	SIPAT TPS 2	Unit-I, II	94.49%	102.33		
12	SIPAT TPS 1	Unit-I to III	93.58%	101.56	Unit-2 under forced outage From10-05-2020 @23:43HrsTo12-05-2020 @12:20	
13	Mauda I	Unit-I, II	94.73%	100.00		
14	Mauda II	Unit-I, II	94.76%	100.00		
15	NTPC Solapur 2	-				
16	NTPC Solapur	Unit-I, II	95.29%	100.00		
17	Lara	Unit-I	86.95%	94.19	under forced outage From29-05-2020 @18:34HrsTo02-06-2020 @02:45	
18	Gadarwara	Unit-I	96.22%	103.00		
19	Khargone	Unit-I, II	93.95%	100.53		
20	KAPP					
21	TAPP 1&2					
22	TAPP 3&4					
Total						
IPPs						

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S. No.	Name of Station	Name of Unit	Actual Avarage Availability for the month (%)	Actual Avarage Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
1	JSW Ratnagiri	Unit 1	96.50%			
2	CGPL Mundra	Unit 10 to 50	78.72%		Unit 30 under forced outage From16-03-2020 @01:38HrsTo03-05-2020 @16:50 and Unit 40 under forced outage From04-05-2020 @20:40HrsTo06-06-2020 @12:10	
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	98.92%			
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	94.84%			
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5	98.92%			
7	GMR Energy Limited	Unit 1	76.58%		U-1 Under RSD From16-04-2020 @08:28HrsTo11-06-2020 @17:38 and U-2 under forced outage From29-05-2020 @10:46HrsTo30-05-2020 @14:40	
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	100.00%			
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6				

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Form 3: Station wise fuel availability for the month

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel Required for normative generation (MT)	Fuel made available by fuel supplier (MT)	Actual Availability of fuel at plant (MT)	Reasons for lower Availability	Efforts taken to improve Availability
State Generating Stations									
1	Bhusawal TPS	Bhusawal - 3	210	210	103575	0	415287		
2	Bhusawal TPS	Bhusawal - 4	500	500	223286	0	415287		
3	Bhusawal TPS	Bhusawal - 5	500	500	223286				
4	Khaparkhedha TPS	Khaparkhedha - 1 to	840	840	415397	289962	663656		
5	Khaparkhedha TPS	Khaparkhedha - 5	500	500	223286	255147	445416		
6	Nashik TPS	Nashik- 3,4 & 5	630	420	307046	0	223148		
7	Chandrapur TPS	Chandrapur - 3	210	210	99896	386504	1416888		
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	265678	463676		
13	Paras TPS	Paras - 4	250	250	114228				
14	Parli TPS	Parli - 6	250	250	114228	1677	173528		
15	Parli TPS	Parli - 7	250	250	114228				
16	Koradi TPS	Koradi - 6	210	210	87699	0	148714		
17	Koradi TPS	Koradi - 7	210	210	87699				
18	GTPS Uran	GTPS Uran	672	672	291667	0	0		
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	291667	0	0		
20	Parli TPS	Parli Replacement U	250	250	114228	6268	138434		
21	Chandrapur TPS	Chandrapur - 8	500	500	223286	444799	606735		
22	Chandrapur TPS	Chandrapur - 9	500	500	223286				
23	Koradi TPS	Koradi R U-8	660	660	276743	186225	653964		
24	Koradi TPS	Koradi 9	660	660	276743				
25	Koradi TPS	Koradi10	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	855449	1308448.75	1963552.21		
2	KSTPS III	-	500	120	199658				
3	VSTP I	Unit-I to VI	1260	432	463481	2119335.11	3258866.13		
4	VSTP II	Unit-I, II	1000	336	354197				
5	VSTP III	Unit-I, II	1000	275	351175				
6	VSTP IV	Unit-I, II	1000	294	346596				
7	VSTP V	Unit-I	500	161	175167				
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)	645	204		30466.59	33180.46		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-I)	648	200		27641.18	27641.18		
10	KhSTPS-II	Unit-I to III	1500	148	618756	1166007	2081402.26		
11	SIPAT TPS 2	Unit-I, II	1,000	274	383814	1582138.39	2066968.06		
12	SIPAT TPS 1	Unit-I to III	1,980	556	736861				
13	Mauda I	Unit-I, II	1000	394	381625	29991.04	1172441.45		
14	Mauda II	Unit-I, II	1320	531	476435				
15	NTPC Solapur 2	-	-	-	-				
16	NTPC Solapur	Unit-I, II	1320	642	478619	40007.09	701502.76		
17	Lara	Unit-I	800	114	286682	326289.69	556250.41		
18	Gadarwara	Unit-I	800	25	269286	23854	239243		
19	Khargone	Unit-I, II	1320	50	447750	122928.3	419485.97		
20	KAPP		440	152					
21	TAPP 1&2		320	160					
22	TAPP 3&4		1080	393					
IPPs									
1	JSW Ratnagiri	Unit 1	300	300	79409	163169	163169		
2	CGPL Mundra	Unit 10 to 50	4000	760	176086	0	0		
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	3300	125	1048664	1161122	1155615		
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	71661	65184	0		
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				

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Form 4: Implementation of Fuel Utilisation Plan

Sr. No.	Name of Generating Station	Name of Units	Fuel Requiremen t of Each Unit/Station (MMT, 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	415287	3.915	0%		
2	Bhusawal TPS	Bhusawal - 4	223286	415287	3.089	4%		
3	Bhusawal TPS	Bhusawal - 5	223286					
4	Khaparkheda TPS	Khaparkheda - 1 to 4	415397	663656	2.470	71%		
5	Khaparkheda TPS	Khaparkheda - 5	223286	445416	2.231	91%		
6	Nashik TPS	Nashik- 3,4 & 5	307046	223148	3.394	0%		
7	Chandrapur TPS	Chandrapur - 3	99896	1416888	2.590	59.88%		
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	463676	2.738	0%		
13	Paras TPS	Paras - 4	114228					
14	Parli TPS	Parli - 6	114228	173528	3.112	2%		
15	Parli TPS	Parli - 7	114228					
16	Koradi TPS	Koradi - 6	87699	148714	3.136	0%	7384 MT was issued to Koradi 8 to 10	
17	Koradi TPS	Koradi - 7	87699					
18	GTPS Uran	GTPS Uran	291667	0	1.793	37%		
19	MSPGCL Hydro	Hydro (Ghatghar)	291667	0				
20	Parli TPS	Parli Replacement U 8	114228	138434	3.085	43%		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-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 (MMT, 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	%		
21	Chandrapur TPS	Chandrapur - 8	223286	606735	2.454	89%		
22	Chandrapur TPS	Chandrapur - 9	223286					
23	Koradi TPS	Koradi R U-8	276743	653964	2.935	23%	7384 MT was received from Koradi 6-7	
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	855449	1963552.21	1.416	98.43		
2	KSTPS III	-	199658		1.392	93.98		
3	VSTP I	Unit-I to VI	463481	3258866.13	1.659	90.06		
4	VSTP II	Unit-I, II	354197		1.598	93.93		
5	VSTP III	Unit-I, II	351175		1.587	96.89		
6	VSTP IV	Unit-I, II	346596		1.565	82.53		
7	VSTP V	Unit-I	175167		1.617	91.62		
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)		33180.46	APM : 2.01 N-APM : 0 Lq : 13.771 RLNG : 2.946	29.61		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-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 (MMT, 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	%		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)		27641.18	APM : 2.018 RLNG : 4.966 N-APM : 0	24.72		
10	KhSTPS-II	Unit-I to III	618756	2081402.26	2.137	70.52		
11	SIPAT TPS 2	Unit-I, II	383814	2066968.06	1.531	99.59		
12	SIPAT TPS 1	Unit-I to III	736861		1.485	97.96		
13	Mauda I	Unit-I, II	381625	1172441.45	2.859	0.00		
14	Mauda II	Unit-I, II	476435		2.889	0.00		
15	NTPC Solapur 2	-	-			0.00		
16	NTPC Solapur	Unit-I, II	478619	701502.76	2.854	0.00		
17	Lara	Unit-I	286682	556250.41	2.233	48.45		
18	Gadarwara	Unit-I	269286	239243	2.537	0.00		
19	Khargone	Unit-I, II	447750	419485.97	2.550	0.00		
20	KAPP							
21	TAPP 1&2							
22	TAPP 3&4							
IPPs								
1	JSW Ratnagiri	Unit 1	79409	1,63,169	2.4011	94.95%		
2	CGPL Mundra	Unit 10 to 50	176086	0	1.9753	78.85%		
3	Adani Power Maharashtra Limited	Unit 1, 4, 5			2.9624	96.70%		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-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 (MMT, 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	%		
4	Adani Power Maharashtra Limited	Unit No. 2 to 3	1048664	1155615	1.9882	93.00%		
5	Adani Power Maharashtra Limited	Unit 1, 4, 5			2.9624	96.70%		
6	Adani Power Maharashtra Limited 440	Unit 1, 4, 5			3.0224	40.22%		
7	GMR Energy Limited	Unit 1	71661	0	2.0168	73.28%		
8	RattanIndia Amravati Power station 450 MW	Unit 1 to 5	156788	0	3.0346	0.00%		
9	RattanIndia Amravati Power station 750 MW	Unit 1 to 6	261313			0.00%		

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

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Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-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 stake 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
20	Parli TPS	Parli Replacement U 8	250	250	85%	3.1512		-0.04	-0.05	2.04	4.50	4.57	5.09	4.54	4.68	4.89	2.16
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.9744	11.28	10.70	10.64	10.90	11.14	10.88	10.46	10.53	10.23	10.84	10.57
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.9744	11.28	9.91	9.80	9.74	10.01	9.70	9.94	9.97	9.63	9.99	9.75
23	Koradi TPS	Koradi R U-8	660	660	85%	3.1071	14.89	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.06
24	Koradi TPS	Koradi 9	660	660	85%	3.1071	14.89	-0.09	-0.10	-0.09	-0.08	-0.07	-0.07	-0.08	-0.09	-0.06	-0.06
25	Koradi TPS	Koradi10	660	660	85%	3.1071	14.89	-0.03	-0.03	-0.03	-0.03	-0.03	-0.02	-0.02	-0.02	-0.02	-0.02
26	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal	0	185		2.889		4.45	4.40	4.41	4.44	4.43	4.45	4.11	4.30	4.46	4.25
27	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal		88		2.76											
28	Dodson	Dodson I	12	12													
29	Dodson	Dodson II	34	34													
Central Generating Stations																	
1	KSTPS	Unit-I to VI	2100	635	85%	1.596											
2	KSTPS III	-	500	120	85%	1.559											
3	VSTP I	Unit-I to VI	1260	432	85%	1.925											
4	VSTP II	Unit-I, II	1000	336	85%	1.833											
5	VSTP III	Unit-I, II	1000	275	85%	1.816											
6	VSTP IV	Unit-I, II	1000	294	85%	1.794											
7	VSTP V	Unit-I	500	161	85%	1.864											
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- 2.5371 NAPM- 2.6097 RLNG C - 3.1240 LO - 15.497											
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- D)	648	200		APM-2.5524 NAPM- 2.5995 RLNG-											
10	KhSTPS-II	Unit-I to III	1500	148	85%	2.195											
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	85%	1.537											
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	85%	1.495											
13	Mauda I	Unit-I, II	1000	394	85%	3.218											
14	Mauda II	Unit-I, II	1320	531	85%	3.237											
15	NTPC Solapur 2	-	-			0.000											
16	NTPC Solapur	Unit-I, II	1320	642	85%	3.217											
17	Lara	Unit-I	800	114	85%	2.641											
18	Gadarwara	Unit-I	800	25	85%	3.152											
19	Khargone	Unit-I, II	1320	50	85%	3.129											
20	KAPP		440	152		0.000											
21	TAPP 1&2		320	160		0.000											
22	TAPP 3&4		1080	393		0.000											
IPPs																	
1	JSW Ratnagiri	Unit I	300MW	300MW	80%	2.326	5.76	6.92	6.88	6.89	6.97	6.97	6.96	6.96	6.84	6.95	6.47
2	CGPL Mundra	Unit 1 to 5	4000 MW	760 MW	80%	1.940	14.59	11.84	12.09	10.51	14.12	14.62	14.84	15.55	15.66	15.52	12.43
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	3300	125	85%	3.049	2.55	2.78	2.84	2.86	2.78	2.89	2.94	2.92	2.89	2.88	2.92
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	3300	1320	80%	2.031	25.34	27.21	27.02	28.16	27.46	29.00	29.79	28.47	27.39	27.56	26.62
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	3300	1200	85%	3.049	24.48	26.69	27.25	27.45	26.72	27.77	28.22	27.99	27.73	27.61	28.03

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

Form 5: MoD Operations of the Contracted Sources

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

[illegible]

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

S. No.	Name of Station	Name of Unit	Actual Net Generation for the Day 11	Actual Net Generation for the Day 12	Actual Net Generation for the Day 13	Actual Net Generation for the Day 14	Actual Net Generation for the Day 15	Actual Net Generation for the Day 16	Actual Net Generation for the Day 17	Actual Net Generation for the Day 18	Actual Net Generation for the Day 19	Actual Net Generation for the Day 20	Actual Net Generation for the Day 21	Actual Net Generation for the Day 22	Actual Net Generation for the Day 23	Actual Net Generation for the Day 24	Actual Net Generation for the Day 25
20	Parli TPS	Parli Replacement U 8	-0.10	1.13	4.87	4.70	4.47	3.39	-0.10	-0.06	-0.05	-0.05	-0.05	-0.05	-0.05	-0.04	-0.03
21	Chandrapur TPS	Chandrapur - 8	9.34	10.18	10.61	10.08	10.21	9.97	10.24	10.15	9.66	10.41	9.86	10.95	10.71	10.77	10.76
22	Chandrapur TPS	Chandrapur - 9	9.11	10.29	10.02	9.70	9.53	9.79	10.24	10.05	9.86	10.26	9.88	10.04	9.85	9.82	9.90
23	Koradi TPS	Koradi R U-8	-0.07	-0.08	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.08	-0.08	-0.08	-0.07	-0.09	-0.14	-0.07
24	Koradi TPS	Koradi 9	-0.06	-0.07	-0.22	2.81	10.40	10.18	10.23	11.73	10.79	10.57	9.83	10.58	11.54	10.99	11.15
25	Koradi TPS	Koradi10	-0.02	-0.02	-0.02	-0.03	-0.03	-0.04	-0.04	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.05	-0.10
26	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal	4.06	4.45	4.44	4.20	4.39	4.29	4.44	4.44	4.37	4.45	4.44	4.45	4.44	4.45	4.44
27	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal		1.98	2.11	2.00	2.09	2.04	2.11	2.11	2.08	2.12	2.11	2.12	2.11	2.12	2.11
28	Dodson	Dodson I															
29	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- 1 C), UNIT-VI (ST- 2 C)															
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- D)															
10	KhSTPS-II	Unit-I to III															
11	SIPAT TPS 2	Unit-I, II															
12	SIPAT TPS 1	Unit-I to III															
13	Mauda I	Unit-I, II															
14	Mauda II	Unit-I, II															
15	NTPC Solapur 2	-															
16	NTPC Solapur	Unit-I, II															
17	Lara	Unit-I															
18	Gadarwara	Unit-I															
19	Khargone	Unit-I, II															
20	KAPP																
21	TAPP 1&2																
22	TAPP 3&4																
IPPs																	
1	JSW Ratnagiri	Unit I	6.24	6.96	6.95	6.68	6.96	6.83	6.96	6.97	6.95	6.93	6.95	6.95	6.96	6.96	6.96
2	CGPL Mundra	Unit 1 to 5	14.81	15.02	14.77	14.54	15.11	15.36	14.74	14.81	14.85	15.21	14.63	14.28	14.84	14.56	13.25
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	2.92	2.98	2.93	2.91	2.85	2.84	2.97	2.99	2.87	2.94	2.97	2.96	2.93	2.98	2.98
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	28.78	29.72	28.29	30.14	31.26	31.33	31.06	31.55	30.85	30.72	31.54	31.29	30.08	31.09	30.85
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	28.03	28.60	28.14	27.95	27.37	27.29	28.47	28.68	27.51	28.25	28.56	28.45	28.13	28.62	28.60

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month May-20**Financial Year : 2020-21**

Form 5: MoD Operations of the Contracted Sources

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

S. No.	Name of Station	Name of Unit	Actual Net Generation for the Day 26	Actual Net Generation for the Day 27	Actual Net Generation for the Day 28	Actual Net Generation for the Day 29	Actual Net Generation for the Day 30	Actual Net Generation for the Day 31	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
20	Parli TPS	Parli Replacement U 8	-0.04	2.47	4.35	4.62	5.11	4.81	71.66		IN VIEW OF ABOVE EVENT, FOR GRID SUPPORT,(EVEN THOUGH COSTLIER THAN K'KHEDA U-1 TO 4 (RS.3.1278/KWH)), PARALI U-8 IS TAKEN ON BAR on 03.05.2020.
21	Chandrapur TPS	Chandrapur - 8	10.85	10.38	8.83	10.17	9.51	10.02	624.15		
22	Chandrapur TPS	Chandrapur - 9	9.53	9.25	8.57	9.55	10.17	9.75			
23	Koradi TPS	Koradi R U-8	5.50	9.89	10.13	8.69	7.17	8.11	269.08	RSD	
24	Koradi TPS	Koradi 9	9.93	9.54	10.40	10.85	10.03	10.55		RSD	
25	Koradi TPS	Koradi10	-0.29	4.71	9.32	8.68	8.97	9.99		RSD	
26	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal	4.35	4.20	3.74	4.31	4.45	4.16	134.67		
27	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal	2.06	2.04	1.78	2.06	2.12	1.98	41.25		
28	Dodson	Dodson I							8.72		
29	Dodson	Dodson II							5.58		
Central Generating Stations											
1	KSTPS	Unit-I to VI							438.46		
2	KSTPS III	-							86.14		
3	VSTP I	Unit-I to VI							306.03		
4	VSTP II	Unit-I, II							228.67		
5	VSTP III	Unit-I, II							198.59		
6	VSTP IV	Unit-I, II							176.48		
7	VSTP V	Unit-I							109.52		
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)							52.90		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- D)							41.96		
10	KhSTPS-II	Unit-I to III							88.87		
11	SIPAT TPS 2	Unit-I, II							193.86		
12	SIPAT TPS 1	Unit-I to III							388.16		
13	Mauda I	Unit-I, II							0.00		
14	Mauda II	Unit-I, II							0.00		
15	NTPC Solapur 2	-							0.00		
16	NTPC Solapur	Unit-I, II							0.00		
17	Lara	Unit-I							72.31		
18	Gadarwara	Unit-I							0.00		
19	Khargone	Unit-I, II							0.00		
20	KAPP								99.60		
21	TAPP 1&2								33.39		
22	TAPP 3&4								299.84		
IPPs											
1	JSW Ratnagiri	Unit I	6.96	6.85	5.93	6.86	6.85	6.45	211.94		
2	CGPL Mundra	Unit 1 to 5	14.45	14.19	13.44	13.83	14.69	12.60	445.87		
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	2.91	2.88	2.69	2.95	2.89	2.89	89.93		DUE TO TRIPPING OF 400KV CHPR II-NANDED CKT-I (CKT-II UNDER SHUTDOWN ALREADY) , 400 KV PARALI-PARAI (PG) CKT-I & II ARE OVERLOADED. TO CONTROL ITS LOADING CHDPR U-6 (ONLY UNIT ON BAR FROM U-3 TO 7) IS PICKED UP DIRECTLY FOR SUPPORT TO THE GRID, EVEN IF COSTLIER THAN K'KHEDA UNITS. ALSO, ADANI U- 1 TO 5 ARE
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	30.55	29.07	30.13	29.04	29.11	28.21	913.34		
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	27.95	27.69	25.81	28.28	27.74	27.76	863.35		

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month May-20**Financial Year : 2020-21**

Form 5: MoD Operations of the Contracted Sources

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

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Normative Availability as per PPA	Variable Rate as per MoD stake approved by SLDC (May-2020)	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%	3.9047	NA	NA	01.05.2020	31.05.2020	Less demand and Market power available at cheaper rate.
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	3.1524	NA	NA	01.05.2020	31.05.2020	Less demand and Market power available at cheaper rate.
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	3.1524	NA	NA	01.05.2020	27.05.2020	Less demand and Market power available at cheaper rate.
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	2.9594	NA	NA	U-1: 01.05.2020 U-2: 03.05.2020 U-3: 03.05.2020	U-1: 11.05.2020 U-2: 06.05.2020 U-3: 07.05.2020	Less demand and Market power available at cheaper rate.
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	2.8852	NA	NA	NA	NA	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	3.9332	NA	NA	U-3&4: 01.05.2020	U-3&4: 31.05.2020	Less demand and Market power available at cheaper rate.
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	2.9907	NA	NA	01.05.2020	11.05.2020	1) Less demand and Market power available at cheaper rate.
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	2.9907	NA	NA	01.05.2020	11.05.2020	2) On 2.05.2020 at 73 Time block, due to tripping of 400 KV CHPR II-Nanded CKT-I (CKT-II under shutdown already), 400 KV Parali-Parai (PG) CKT-I & II are overloaded. To control its loading
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	2.9907	NA	NA	01.05.2020	11.05.2020	CHDPR U-6 (only unit on bar from U-3 TO 7) is picked up directly for support to the grid, even though costlier than K'Kheda units.
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	2.9907	NA	NA	NA	NA	Also, Adani U- 1 To 5 are backdown to control overloading of above ckts.
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	2.9907	NA	NA	01.05.2020	03.05.2020	3) On 17.05.2020 at 72 time block, U-7 syn at 13.58 hrs for grid
12	Paras TPS	Paras - 3	250	250	85%	2.9747	NA	NA	NA	NA	
13	Paras TPS	Paras - 4	250	250	85%	2.9747	NA	NA	NA	NA	
14	Parli TPS	Parli - 6	250	250	85%	3.3453	NA	NA	01.05.2020	31.05.2020	Less demand and Market power available at cheaper rate.
15	Parli TPS	Parli - 7	250	250	85%	3.3453	NA	NA	01.05.2020	31.05.2020	Less demand and Market power available at cheaper rate.
16	Koradi TPS	Koradi - 6	210	210	72%	3.7784	NA	NA	01.05.2020	31.05.2020	Less demand and Market power available at cheaper rate.
17	Koradi TPS	Koradi - 7	210	210	72%	3.7784	NA	NA	01.05.2020	31.05.2020	Less demand and Market power available at cheaper rate.
18	GTPS Uran	GTPS Uran	672	672	85%	2.2604	NA	NA	NA	NA	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%						
20	Parli TPS	Parli Replacement U 8	250	250	85%	3.1512	NA	NA	01.05.2020 16.05.2020	03.05.2020 25.05.2020	1) Less demand and Market power available at cheaper rate. 2) On 16.05.2020 at 72 Time block, Parali U-8 syn at 7.50 hrs for grid support, in view of above event, even though costlier than K'Kheda U-1to 4, Parali U-8 was taken on bar.
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.9744	NA	NA	NA	NA	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.9744	NA	NA	NA	NA	
23	Koradi TPS	Koradi R U-8	660	660	85%	3.1071	NA	NA	01.05.2020	25.05.2020	Less demand and Market power available at cheaper rate.
24	Koradi TPS	Koradi 9	660	660	85%	3.1071	NA	NA	01.05.2020	14.05.2020	Less demand and Market power available at cheaper rate.
25	Koradi TPS	Koradi10	660	660	85%	3.1071	NA	NA	01.05.2020	27.05.2020	Less demand and Market power available at cheaper rate.
26	MSPGCL Under Case IV Phase	MSPGCL Dhariwal	0	185		2.889					
27	MSPGCL Under Case IV Phase			88		2.76					
28	Dodson	Dodson I	12	12							
29	Dodson	Dodson II	34	34							
Central Generating Stations											
1	KSTPS	Unit-I to VI	2100	635	85%	1.5956	NA	NA	NA	NA	
2	KSTPS III	-	500	120	85%	1.5595	NA	NA	NA	NA	
3	VSTP I	Unit-I to VI	1260	432	85%	1.9251	NA	NA	NA	NA	
4	VSTP II	Unit-I, II	1000	336	85%	1.8333	NA	NA	NA	NA	
5	VSTP III	Unit-I, II	1000	275	85%	1.8158	NA	NA	NA	NA	
6	VSTP IV	Unit-I, II	1000	294	85%	1.7938	NA	NA	NA	NA	
7	VSTP V	Unit-I	500	161	85%	1.8640	NA	NA	NA	NA	
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- I C), UNIT-VI (ST- 2 C)	645	204		APM- 2.5371 NAPM-2.6097 RLNG C - 3.1240 LQ - 15.497	NA	NA	GT-I B: 31.05.2020 GT-2A: 26.05.2020 GT-2B: 01.05.2020	GT-I B: 31.05.2020 GT-2A: 31.05.2020 GT-2B: 31.05.2020	GT-I B:Schedule from other beneficiaries less than Tech. Minimum. GT-2A, 2B & 2C: Less demand and Market power available at cheaper rate.

Form 6: Details of plants running at Technical Minimum / Zero Schedule[illegible]

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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 stak approved by SLDC (01-05-20 to 11-05-20)	Scheduled Energy Generation from 01-05-20 to 11-05-20 (Mus)	Variable Rate as per MoD stak approved by SLDC (12-05-20 to 31-05-20)	Scheduled Energy Generation from 12-05-20 to 31-05-20 (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	3.90	0.00	3.90	0.00	0.00	-1.58	Zero schedule from 01.09.2019
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	Coal	3.20	0.00	3.28	2.51	2.51	38.28	Zero schedule from 22.03.2020 to 31.05.2020 upto 14.51 Hrs
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	Coal	3.20	0.00	3.28	38.75	38.75		Zero schedule from 23.03.2020 to 27.05.2020 upto 18.06 Hrs
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	Coal	3.12	95.71	3.13	307.96	403.66	401.91	U-4 forced outage on 7th May and U-3 under forced outage from 20.05.2020 @12.25 hrs to 21.05.2020@19.23 Hrs
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	Coal	3.07	107.41	3.08	209.07	316.48	317.11	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	Coal	4.38	0.00	4.12	0.00	0.00	-1.47	
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	Coal	3.10	0.00	3.15	77.24	77.24	760.77	under Zero zero schedule from 10.04.2020 to 12.05.2020 upto 05.57 Hrs . Further under forced outage 15.05.20 from 15.20 Hrs to 21:44 Hrs
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	Coal	3.10	0.00	3.15	54.92	54.92		under Zero zero schedule from 26.03.2020 to 12.05.2020 upto 07.37 Hrs . Further under forced outage 12.05.20 from 12.05 Hrs to 18.37 Hrs . Again under forced outage from 21.05.2020 @ 09.05 Hrs to 24.05.2020 @ 21.11 Hrs. Again on force outage 26.05.2020@ 6.55 Hrs to 10.20 Hrs and 27.05.2020 @ 10.40 Hrs to 13.59 Hrs
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	Coal	3.10	0.00	3.15	168.44	168.44		under Zero zero schedule from 26.03.2020 to 12.05.2020 upto 0.15 Hrs . Further under forced outage 19.05.20 from 14.25 Hrs to 21.05.2020 till 1.33 Hrs
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	Coal	3.10	102.58	3.15	161.69	264.27		under forced outage From 17-05-2020 @01:26HrsTo18-05-2020 @03:36Hrs and again From 29-05-2020 @13:40HrsTo31-05-2020 @11:02Hrs
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	Coal	3.10	74.67	3.15	136.07	210.74		under Zero zero schedule From 28-03-2020 @13:26HrsTo03-05-2020 @13:55Hrs . Further under forced outage From 13-05-2020 @19.22HrsTo14-05-2020 @0.54Hrs and again From 14-05-2020 @2.48HrsTo14-05-2020 @19.02Hrs and again From 14-05-2020 @21.3HrsTo19-05-2020 @12.15Hrs
12	Paras TPS	Paras - 3	250	250	85%	Coal	3.00	41.33	2.92	69.89	111.22	266.70	Under forced outage From 06-05-2020 @0.58HrsTo07-05-2020 @23.35Hrs and again From 10-05-2020 @1.27HrsTo10-05-2020 @9.14Hrs and again From 26-05-2020 @8.3HrsTo28-05-2020 @10.1Hrs
13	Paras TPS	Paras - 4	250	250	85%	Coal	3.00	56.65	2.92	67.48	124.13		Under forced outage From 20-05-2020 @8.56HrsTo22-05-2020 @16.57Hrs and again From 26-05-2020 @17.5HrsTo28-05-2020 @7.22Hrs
14	Parli TPS	Parli - 6	250	250	85%	Coal	3.36	0.00	3.34	0.00	0.00	4.81	under Zero zero schedule From 21-03-2020
15	Parli TPS	Parli - 7	250	250	85%	Coal	3.36	2.77	3.34	4.43	7.19		under Zero zero schedule From 22-03-2020 @10.45HrsTo11-05-2020 @3.52Hrs and from From 12-05-2020 @19.34Hrs
16	Koradi TPS	Koradi - 6	210	210	72%	Coal	3.78	0.00	3.78	0.00	0.00	-2.17	under Zero zero schedule From 27.08.2019
17	Koradi TPS	Koradi - 7	210	210	72%	Coal	3.78	0.00	3.78	0.00	0.00		under Zero zero schedule From 06.09.2019
18	GTPS Uran	GTPS Uran	672	672	85%	Gas	2.25	72.31	2.26	106.35	202.25	176.64	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%	Hydro						0.00	
20	Parli TPS	Parli Replacement U 8	250	250	85%	Coal	3.19	0.00	3.19	0.00	0.00	71.66	under Zero zero schedule From 23-03-2020 @18HrsTo03-05-2020 @7.5Hrs and From 16-05-2020 @18HrsTo27-05-2020 @8.23Hrs till 31.05.2020. Further under forced outage from From 10-05-2020 @13.03HrsTo12-05-2020 @16.26Hrs
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	Coal	2.99	61.59	3.00	192.17	253.75	624.15	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	Coal	2.99	83.99	3.00	190.74	274.73		

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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 stak approved by SLDC (01-05-20 to 11-05-20)	Scheduled Energy Generation from 01-05-20 to 11-05-20 (Mus)	Variable Rate as per MoD stak approved by SLDC (12-05-20 to 31-05-20)	Scheduled Energy Generation from 12-05-20 to 31-05-20 (Mus)	Scheduled Energy Generation from the month (Mus)	Actual Energy Generation for the month (MU)	Justification for deviation from Schedule
23	Koradi TPS	Koradi R U-8	660	660	85%	Coal	2.95	106.53	3.24	0.00	106.53	269.08	under Zero zero schedule From 12-04-2020 @0HrsTo25-05-2020 @20.32Hrs. Further under forced outage From 26-05-2020 @11.3HrsTo26-05-2020 @14.18Hrs and again from 31-05-2020 @22.56Hrs
24	Koradi TPS	Koradi 9	660	660	85%	Coal	2.95	104.61	3.24	0.55	105.15		under Zero zero schedule From 12-04-2020 @2.01HrsTo27-05-2020 @6.38Hrs
25	Koradi TPS	Koradi10	660	660	85%	Coal	2.95	102.15	3.24	1.05	103.21		under Zero zero schedule From 12-04-2020 @1.1HrsTo14-05-2020 @10.3Hrs
26	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal	0	185		Coal	2.89	47.64	2.89	86.82	134.46	134.67	Minimum of Schedule Generation and Actual Injection has been used for billing as per PPA
	MSPGCL Under Case IV Phase I	MSPGCL Dhariwal				Coal	2.76	0.00	2.76	41.21	41.21	41.25	
27	Dodson	Dodson I	12	12		Hydro						8.72	
28	Dodson	Dodson II	34	34		Hydro						5.58	
Central Generating Stations													
1	KSTPS	Unit-I to VI	2100	635	85%	Coal	1.48	155.49	1.53	280.27	435.76	438.46	Unit -2 under forced outage From18-05-2020 @14:07HrsTo19-05-2020 @20:29
2	KSTPS III	-	500	120	85%	Coal	1.44	30.18	1.49	54.81	85.00	86.14	
3	VSTP I	Unit-I to VI	1260	432	85%	Coal	1.92	99.99	1.91	178.19	278.17	306.03	Unit -2 under forced outage from27-05-2020 @12:25HrsTo28-05-2020 @10:32 and Unit-5 under forced outage From30-05-2020 @08:22HrsTo31-05-2020 @22:10
4	VSTP II	Unit-I, II	1000	336	85%	Coal	1.82	82.96	1.82	141.72	224.68	228.67	Unit-2 under forced outage From29-05-2020 @21:01HrsTo31-05-2020 @20:36
5	VSTP III	Unit-I, II	1000	275	85%	Coal	1.81	68.25	1.80	124.49	192.74	198.59	
6	VSTP IV	Unit-I, II	1000	294	85%	Coal	1.79	73.79	1.78	104.86	178.65	176.48	Unit-1 under forced outage From25-05-2020 @21:43HrsTo27-05-2020 @13:14 and Unit -2 under force outage From18-05-2020 @06:00HrsTo19-05-2020 @05:26 and again From28-05-2020 @17:26HrsTo09-06-2020 @13:27
7	VSTP V	Unit-I	500	161	85%	Coal	1.86	39.75	1.85	69.64	109.40	109.52	under forced outage From28-05-2020 @17:26HrsTo29-05-2020 @03:13
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-1 C),	645	204		Gas	APM: 2.53 NAPM: 2.61 RLNG: 6.44 RLNG-C: 2.97	APM: 20.61 NAPM: 0 RLNG: 0 RLNG-C: 1.59	APM: 2.02 NAPM: 2.11 RLNG: 7.56 RLNG-C: 2.95	APM: 26.24 NAPM: 0 RLNG: 0 RLNG-C: 0.62	APM: 46.83 NAPM: 0 RLNG: 0 RLNG-C: 17.96	52.90	
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-I)	648	200		Gas	APM: 2.57 NAPM: 2.6 RLNG: 7.2 RLNG-C: 3.02	APM: 15.76 NAPM: 0 RLNG: 0 RLNG-C: 0	APM: 2.05 NAPM: 2.32 RLNG: 7.24 RLNG-C: 3.06	APM: 25.83 NAPM: 0 RLNG: 0 RLNG-C: 0	APM: 41.58 NAPM: 0 RLNG: 0 RLNG-C: 0	41.96	
10	KhSTPS-II	Unit-I to III	1500	148	85%	Coal	2.23	26.21	2.21	54.08	80.29	88.87	Unit-6 under forced outage from 24.04.2020 to 07.05.2020 @ 19.57 Hrsnd again on 11.05.2020 @ 22.31 to 14.05.2020 @ 19.27 Hrs
11	SIPAT TPS 2	Unit-I, II	1,000	274	85%	Coal	1.69	68.35	1.64	124.16	192.51	193.86	
12	SIPAT TPS 1	Unit-I to III	1,980	556	85%	Coal	1.65	135.63	1.59	251.34	386.97	388.16	Unit-2 under forced outage From10-05-2020 @23:43HrsTo12-05-2020 @12:20
13	Mauda I	Unit-I, II	1000	394	85%	Coal	3.18	0.00	3.23	0.00	0.00	0.00	Unit-1 under RSD from 24.03.2020 and Unit-2 under RSD from 23.03.2020
14	Mauda II	Unit-I, II	1320	531	85%	Coal	3.12	0.00	3.19	0.00	0.00	0.00	Unit-1 under RSD from 25.03.2020 and Unit-2 under RSD from 26.03.2020
15	NTPC Solapur 2	-	-		85%	Coal						0.00	
16	NTPC Solapur	Unit-I, II	1320	642	85%	Coal	3.19	0.00	3.28	0.00	0.00	0.00	Unit-1 under RSD from 15.03.2020 and Unit-2 under RSD from 23.03.2020
17	Lara	Unit-I	800	114	85%	Coal	2.60	18.32	2.54	54.52	72.84	72.31	Unit under RSD From23-04-2020 @12:43HrsTo05-05-2020 @11:51 and under forced outage From29-05-2020 @18:34HrsTo02-06-2020 @02:45
18	Gadarwara	Unit-I	800	25	85%	Coal	3.31	0.00	3.22	0.00	0.00	0.00	Unit-1 under RSD from 24.02.2020

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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 sucsesfull?	If sucesfull, 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	5.72
2							
3							
4							
5							
.....							
	Total						

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

S. No.	Particulars	Units	Bhusawal - 3	Bhusawal - 4	Khaparkheda - 1 to 4	Khaparkheda - 5	Nashik- 3,4 & 5
1	Gross Generation	MU					
2	Net Generation	MU	(1.58)	38.28	401.91	317.11	(1.47)
3	Approved Energy Charge	Rs./kWh	-	3.27	2.81	2.46	3.39
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	3.92	3.09	2.47	2.23	3.39
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(3.92)	0.18	0.34	0.23	0.00
6	Approved Fuel expenses	Rs. Crore	-	194.19	106.55	69.98	113.59
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(0.62)	11.83	99.27	70.73	(0.50)
8	Recoverable through FAC (7 - 6)	Rs. Crore	(0.62)	(182.36)	(7.28)	0.75	(114.09)

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Form 9: Generation Summary

S. No.	Particulars	Units	Chandrapur - 3	Paras - 3	Parli - 6	Koradi - 6	GTPS Uran	Hydro (Ghatghar)
1	Gross Generation	MU						
2	Net Generation	MU	760.77	266.70	4.81	(2.17)	176.64	458.27
3	Approved Energy Charge	Rs./kWh	2.54	2.99	-	3.14	2.68	-
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.59	2.74	3.11	3.14	1.79	0.21
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.05)	0.25	(3.11)	(0.00)	0.89	(0.21)
6	Approved Fuel expenses	Rs. Crore	225.89	80.58	-	31.13	66.05	47.28
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	197.07	73.03	1.50	(0.68)	31.67	56.54
8	Recoverable through FAC (7 - 6)	Rs. Crore	(28.82)	(7.55)	1	-32	-34	9

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Form 9: Generation Summary

S. No.	Particulars	Units	Parli Replacement U 8	Chandrapur - 8	Chandrapur - 9	Koradi R U-8	Koradi 9
1	Gross Generation	MU					
2	Net Generation	MU	71.66	319.02	305.13	47.64	180.92
3	Approved Energy Charge	Rs./kWh	3.83	2.45	2.45	2.28	2.28
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	3.08	2.45	2.45	2.94	2.94
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.75	(0.00)	(0.00)	(0.65)	(0.65)
6	Approved Fuel expenses	Rs. Crore	48.05	71.30	71.30	63.26	63.26
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	22.11	78.29	74.88	13.99	53.11
8	Recoverable through FAC (7 - 6)	Rs. Crore	-26	7	4	-49	-10

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Form 9: Generation Summary

S. No.	Particulars	Units	Koradi10	MSPGCL Dhariwa	Dodson I	Dodson II	KSTPS	KSTPS III	VSTP I	VSTP II
1	Gross Generation	MU								
2	Net Generation	MU	40.52	175.67	8.72	5.58	438.46	86.14	306.03	228.67
3	Approved Energy Charge	Rs./kWh	2.28	-	1.68	-	1.49	1.45	1.78	1.68
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.94	2.63	1.57	-	1.42	1.39	1.66	1.60
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.65)	(2.63)	0.11	-	0.08	0.06	0.13	0.08
6	Approved Fuel expenses	Rs. Crore	63.26	-	0.73	-	53.51	9.29	42.11	31.77
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	11.89	46.19	1.38	-	71.26	13.80	55.37	39.63
8	Recoverable through FAC (7 - 6)	Rs. Crore	-51	46	1	0	18	5	13	8

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Form 9: Generation Summary

S. No.	Particulars	Units	VSTP III	VSTP IV	VSTP V	Kawas	Gandhar	KhSTPS-II	SIPAT TPS 2	SIPAT TPS 1	Mauda I
1	Gross Generation	MU									
2	Net Generation	MU	198.59	176.48	#####	52.90	41.96	88.87	193.86	388.16	-
3	Approved Energy Charge	Rs./kWh	1.72	1.71	1.71	2.93	2.89	2.20	1.44	1.43	3.34
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.59	1.56	1.62	2.05	2.02	2.14	1.53	1.48	2.86
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.13	0.14	0.10	0.88	0.87	0.07	(0.09)	(0.06)	0.48
6	Approved Fuel expenses	Rs. Crore	26.31	27.37	14.96	8.67	6.28	19.35	21.99	43.10	73.45
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	34.02	28.97	18.93	10.85	8.47	19.00	31.12	59.90	0.01
8	Recoverable through FAC (7 - 6)	Rs. Crore	8	2	4	2	2	0	9	17	-73

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

S. No.	Particulars	Units	Mauda II	NTPC Solapur 2	NTPC Solapur	Lara	Gadarwara	Khargone	KAPP	TAPP 1&2
1	Gross Generation	MU								
2	Net Generation	MU	-	-	-	72.31	-	-	99.60	33.39
3	Approved Energy Charge	Rs./kWh	3.07	-	3.75	2.38	3.52	3.03	2.39	2.13
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.89	-	2.85	2.23	2.54	2.55	2.29	2.42
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.18	-	0.89	0.15	0.99	0.48	0.10	(0.29)
6	Approved Fuel expenses	Rs. Crore	90.92	-	41.22	31.99	10.25	8.82	19.90	20.65
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	0.01	-	0.01	16.54	0.00	0.00	22.80	8.03
8	Recoverable through FAC (7 - 6)	Rs. Crore	-91	0	-41	-15	-10	-9	3	-13

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Form 9: Generation Summary

S. No.	Particulars	Units	TAPP 3&4	Renewable - Non Solar	Renewable - Solar	JSW	CGPL	APML 125 MW
1	Gross Generation	MU						
2	Net Generation	MU	299.84	599.00	441.89	211.9359	445.8670	89.9319
3	Approved Energy Charge	Rs./kWh	3.31	4.93	3.62	2.7947	2.01	2.84
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	3.39	5.37	4.18	2.1670	1.79	2.43
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.08)	(0.44)	(0.56)	0.6277	0.21	0.41
6	Approved Fuel expenses	Rs. Crore	78.96	422.31	243.12	45.91	87.93	20.97
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	101.69	321.85	184.51	46.18	79.95	22.15
8	Recoverable through FAC (7 - 6)	Rs. Crore	23	-100	-59	0	-8	1

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Form 9: Generation Summary

S. No.	Particulars	Units	APML 1320 MW	APML 1200 MW	APML 440 MW	EMCO Power	RIPL 450 MW	RIPL 750 MW
1	Gross Generation	MU						
2	Net Generation	MU	913.3416	863.3463	131.6769	109.0455	-	-
3	Approved Energy Charge	Rs./kWh	1.84	2.84	2.90	2.50	3.46	3.46
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.50	2.43	2.49	2.03	-	-
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.34	0.41	0.41	0.47	3.46	3.46
6	Approved Fuel expenses	Rs. Crore	143.46	189.45	75.43	37.54	90.60	151.00
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	136.73	212.60	33.92	30.43	1.26	2.09
8	Recoverable through FAC (7 - 6)	Rs. Crore	-7	23	-42	-7	-89	-149

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Form 9: Generation Summary

S. No.	Particulars	Units	SSP	Pench	Inter State	NTPC NVVN Coa	Short Term	PGCIL
1	Gross Generation	MU						
2	Net Generation	MU	34.20	7.86	0.78	9.15	857.79	-
3	Approved Energy Charge	Rs./kWh	2.05	2.05	-	-	-	
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.05	2.05	7.28	3.54	2.87	-
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.00	(0.00)	(7.28)	(3.54)	(2.87)	-
6	Approved Fuel expenses	Rs. Crore	21.07	2.38	-	-	-	-
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	7.01	1.61	0.57	3.24	246.50	(54.42)
8	Recoverable through FAC (7 - 6)	Rs. Crore	-14	-1	1	3	247	-54

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

S. No.	Particulars	Units	Bhusawal Unit 03	Bhusawal Unit 04 & 05	Khaperkhe da Unit 01 to 04	Khaperkhe da Unit 05	Nashik TPS	Chandrapur Unit 03 to 07	Paras Unit 03 and 04	Parli Unit 06 and 07
1	Operational parameters									
1.1	Total Capacity	MW	210	1000	840	500	630	1920	500	500
1.2	Availability	%	99.47%	99.55%	89.12	94.55	96.62	79.11%	82.38	99.63
1.3	PLF	%	0	4%	71%	91%		60%		2%
1.4	Gross Generation	MU		43.87	444.04	336.45		832.72	296.55	7.59
1.5	Auxiliary Consumption excluding FGD	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%
1.6	Auxiliary Consumption excluding FGD	MU		2.63	43.07	20.19	0.00	64.95	27.58	0.71
1.7	Auxiliary Consumption for FGD	%	NA	NA	NA	NA	NA	NA	NA	NA
1.8	Auxiliary Consumption for FGD	MU	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%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	0.00	2.63	43.07	20.19	0.00	64.95	27.58	0.71
1.11 (a)	Total Net Generation		0.00	41.23	400.97	316.26	0.00	767.77	268.97	6.89
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	-1.58	38.28	401.91	317.11	-1.47	760.77	266.70	4.81
1.12	Heat Rate	kcal/kWh	2787	2375	2630	2375	2754	2688	2430	2430
1.13	Secondary Fuel Oil Consumption	ml/kWh	1.40	0.5	1.20	0.5	1.00	1.00	0.5	0.5
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%
1.15	Transit Loss for Imported Coal	%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
2	Fuel parameters (for each primary and secondary fuel)									
2.1	Calorific Value									
2.1.1	Domestic Coal (As Billed)	kcal/kg		3764.34	3688.00	3654.00		4062.00	4102.21	4410.00
2.1.2	Imported Coal (As Billed)	kcal/kg			0.00	0.00		0.00	0.00	
2.1.3	Domestic Coal (As Received)	kcal/kg		3435.11	3163.00	3129.00		3537.00	3577.21	3885.00
2.1.4	Imported Coal (As Received)	kcal/kg								
2.1.5	Fuel 2	kcal/unit		10729.00	11343.00	11343.00		10747.00	10624.00	10421.00
2.1.6	Fuel 3	kcal/unit		10023.00	10240.00	10240.00		10192.00	10175.00	10296.00
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		100.84	21.00	46.00		75.00	3.68	120.00
2.3	Calorific Value after stacking loss									
2.3.1	Domestic Coal (As Fired)	kcal/kg		3334.27	3142.00	3083.00		3462.00	3573.53	3765.00
2.3.2	Imported Coal (As Fired)	kcal/kg			0.00	0.00		0.00	0.00	
2.4	Landed Fuel Price per unit									
2.4.1	Domestic Coal	Rs./MT	3928.83	4059.15	2615.06	2700.66	4122.94	3036.07	3629.45	4348.46
2.4.2	Imported Coal	Rs./MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4.3	Fuel 3	Rs./unit	0.00	46197.13	47957.00	47613.73	0.00	48857.06	46774.31	45609.99
2.4.4	Fuel 4	Rs./unit	0.00	33755.45	41199.28	39174.94	0.00	36980.96	39218.49	42671.20
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		0.10	0.24	0.10		0.20	0.10	0.10
3.1.4	Fuel 4	unit/kWh		0.40	0.96	0.40		0.80	0.40	0.40
3.2	Total Fuel Consumption									
3.2.1	Domestic Coal		0.00	31184.54	370059.42	258658.97		644278.61	201265.26	4890.48
3.2.2	Imported Coal		0.00	0.00	0.00	0.00		0.00	0.00	0.00
3.2.3	Fuel 3		0.00	4.39	106.57	33.64		166.54	29.66	0.76
3.2.4	Fuel 4		0.00	17.55	426.28	134.58		666.18	118.62	3.04
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal		103977.52	1162726.68	797445.60		2230492.54	719226.52	18412.64
3.3.2	Imported Coal	Million kcal		0.00	0.00	0.00		0.00	0.00	0.00
3.3.3	Fuel 3	Million kcal		40.15	1031.13	325.53		1526.74	268.74	6.75
3.3.4	Fuel 4	Million kcal		164.08	4072.65	1285.75		6334.77	1126.10	29.17
	Total Heat content	Million kcal		104181.75	1167830.46	799056.88		2238354.05	720621.36	18448.56
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	0.00	12.66	96.77	69.86	0.00	195.61	73.05	2.13
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	0.02	0.51	0.16	0.00	0.81	0.14	0.00
4.4	Fuel 4	Rs. Crore	0.00	0.06	1.76	0.53	0.00	2.46	0.47	0.01
	Total Fuel Cost	Rs. Crore	0.00	12.74	99.04	70.54	0.00	198.88	73.65	2.14
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	12.74	99.04	70.54	0.00	198.88	73.65	2.14
6(b)	Total PP Cost (=8/1.11(b))		-0.62	11.83	99.27	70.73	-0.50	197.07	73.03	1.50
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh		2.90	2.23	2.10		2.39	2.48	2.82
8	Energy Charge (= 6/1.11)	Rs./kWh	3.92	3.09	2.47	2.23053	3.39	2.59	2.74	3.11

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S. No.	Particulars	Units	Koradi Unit 06 & 07	GTPS Uran	Parli Unit 08	Chandrapur Unit 08,09	Koradi Unit 08,09,10	KSTPS	KSTPS III	VSTP I
1	Operational parameters									
1.1	Total Capacity	MW	420	672	250	1000	1980	2100	500	1260
1.2	Availability	%	79.29	36.87	91.45	91.47%	81.22%	101.73	101.80	95.01
1.3	PLF	%		37%	43%	89%	23%	98.43	93.98	90.06
1.4	Gross Generation	MU		182.89	80.43	658.66	296.13			
1.5	Auxiliary Consumption excluding FGD	%	10.81%	3.10%	8.50%	6.00%	6.00%			
1.6	Auxiliary Consumption excluding FGD	MU	0.00	5.67	6.84	39.52	17.77			
1.7	Auxiliary Consumption for FGD	%	NA	NA	NA	NA	NA			
1.8	Auxiliary Consumption for FGD	MU	NA	NA	NA	NA	NA			
1.9	Total Auxiliary Consumption	%	10.81%	3.10%	8.50%	6.00%	6.00%	7.04	6.25	9
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	0.00	5.67	6.84	39.52	17.77			
1.11 (a)	Total Net Generation		0.00	177.22	73.60	619.14	278.36	1,429.58	327.76	768.24
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	-2.17	176.64	71.66	624.15	269.08	438.46	86.14	306.03
1.12	Heat Rate	kcal/kWh	2622	2035	2430	2375	2230	2401.43	2374.03	2430
1.13	Secondary Fuel Oil Consumption	ml/kWh	2.81		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%	0.80%	0.2	0.2	0.2
1.15	Transit Loss for Imported Coal	%	0.80%		0.80%	0.80%	0.80%	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		8968.30	4410.00	4087.00	3773.76	3883	3883	4445
2.1.2	Imported Coal (As Billed)	kcal/kg				0.00	0.00	-	-	-
2.1.3	Domestic Coal (As Received)	kcal/kg			3885.00	3562.00	3248.76	3454	3454	3670
2.1.4	Imported Coal (As Received)	kcal/kg				5173.00		-	-	-
2.1.5	Fuel 2	kcal/unit			10421.00	10747.00	10373.00	10053	10117	9855
2.1.6	Fuel 3	kcal/unit			10296.00	10192.00	9946.00			
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			120.00	31.50	87.00			
2.3	Calorific Value after stacking loss									
2.3.1	Domestic Coal (As Fired)	kcal/kg		8968.30	3765.00	3550.55	3161.76			
2.3.2	Imported Coal (As Fired)	kcal/kg					0.00			
2.4	Landed Fuel Price per unit									
2.4.1	Domestic Coal	Rs./MT	3531.83	7.66	4348.46	3387.38	3889.67	1827.24	1827.24	2202.98
2.4.2	Imported Coal	Rs./MT	0.00		0.00	6547.84	0.00			
2.4.3	Fuel 3	Rs./unit	0.00		45609.99	44759.98	40808.20	32851.26	40947.06	39344.96
2.4.4	Fuel 4	Rs./unit	0.00		42671.20	36980.96	43667.46			
3	Fuel Consumption and Heat Contribution (for each fuel separately)									
3.1	Specific Fuel Consumption									
3.1.1	Domestic Coal	MT/kWh		0.23		0.66				
3.1.2	Imported Coal	MT/kWh				0.01				
3.1.3	Fuel 3	unit/kWh			0.10	0.10	0.10			
3.1.4	Fuel 4	unit/kWh			0.40	0.40	0.40			
3.2	Total Fuel Consumption									
3.2.1	Domestic Coal			41.50	51812.50	434234.81	208430.13			
3.2.2	Imported Coal				0.00	5472.42	0.00			
3.2.3	Fuel 3				8.04	65.87	29.61			
3.2.4	Fuel 4				32.17	263.46	118.45			
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal		372181.15	195074.06	1541773.51	659006.46			
3.3.2	Imported Coal	Million kcal			0.00	19430.13	0.00			
3.3.3	Fuel 3	Million kcal			71.50	603.80	262.02			
3.3.4	Fuel 4	Million kcal			309.07	2505.31	1099.19			
	Total Heat content	Million kcal		372181.15	195454.62	1564312.75	660367.67			
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	0.00	31.77	22.53	147.09	81.07	358.79		
4.2	Imported Coal	Rs. Crore	0.00	0.00	0.00	3.58	0.00			
4.3	Fuel 3	Rs. Crore	0.00	0.00	0.04	0.29	0.12	14.98		
4.4	Fuel 4	Rs. Crore	0.00	0.00	0.14	0.97	0.52			
	Total Fuel Cost	Rs. Crore	0.00	31.77	22.70	151.94	81.71	373.76		
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	31.77	22.70	151.94	81.71	373.76		
6(b)	Total PP Cost (=8/1.11(b))		-0.68	31.67	22.11	153.17	78.99			
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh		1.74	2.82	2.31	2.76			
8	Energy Charge (= 6/1.11)	Rs./kWh	3.14	1.79	3.08	2.45	2.94	1.416	1.392	1.659

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S. No.	Particulars	Units	VSTP II	VSTP III	VSTP IV	VSTP V	Kawas	Gandhar	KhSTPS-II
1	Operational parameters								
1.1	Total Capacity	MW	1000	1000	1000	500	645	648	1500
1.2	Availability	%	100.40	102.84	86.90	100.63	96.70	98.93	80.90
1.3	PLF	%	93.93	96.89	82.53	91.62	29.61	24.72	70.52
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	%	7.05	6.25	6.25	7.25	2.75	2.75	6.25
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU							
1.11 (a)	Total Net Generation		649.57	675.81	575.62	316.11	138.18	115.91	737.83
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	228.67	198.59	176.48	109.52	52.90	41.96	88.87
1.12	Heat Rate	kcal/kWh	2390	2390	2358.84	2358.84	2050	2040	2373.49
1.13	Secondary Fuel Oil Consumption	ml/kWh	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
1.15	Transit Loss for Imported Coal	%	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	4445	4445	4445	4445			3758
2.1.2	Imported Coal (As Billed)	kcal/kg	-	-	-	-			-
2.1.3	Domestic Coal (As Received)	kcal/kg	3670	3670	3670	3670			3026
2.1.4	Imported Coal (As Received)	kcal/kg	-	-	-	-			-
2.1.5	Fuel 2	kcal/unit	9855	9855	9787	9474			9,819.00
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	2202.98	2202.98	2202.98	2202.98			2461
2.4.2	Imported Coal	Rs./MT							
2.4.3	Fuel 3	Rs./unit	39344.96	43842.74	41349.28	50511.87			42,066.94
2.4.4	Fuel 4	Rs./unit				1,732.50			
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		717.92			47.60	25.37	512.23
4.2	Imported Coal	Rs. Crore							
4.3	Fuel 3	Rs. Crore		46.41					
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore		764.33			47.60	25.37	512.23
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)			764.33			47.60	25.37	512.23
6(b)	Total PP Cost (=8/1.11(b))								
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh	1.598	1.587	1.565	1.617	2.050	2.018	2.137

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S. No.	Particulars	Units	SIPAT TPS 2	SIPAT TPS 1	Mauda I	Mauda II	STPC Solapur	NTPC Solapur	Lara
1	Operational parameters								
1.1	Total Capacity	MW	1,000.000	1,980.000	1000	1320	-	1320	800
1.2	Availability	%	102.33	101.56	100.00	100.00		100.00	94.19
1.3	PLF	%	99.59	97.96	0.00	0.00		0.00	48.45
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		694.62	1,352.88	0.00	0.00		0.00	270.33
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	193.86	388.16	0.00	0.00		0.00	72.31
1.12	Heat Rate	kcal/kWh	2390	2317.38	2358.84	2239.8		2236.74	2228.16
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	0.8	0.8		0.8	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	4067	4067	4037	4053		NA	4061
2.1.2	Imported Coal (As Billed)	kcal/kg	-	-	-	-		-	-
2.1.3	Domestic Coal (As Received)	kcal/kg	3910	3910	3585	3632		3838	3452
2.1.4	Imported Coal (As Received)	kcal/kg	-	-	-	-		-	-
2.1.5	Fuel 2	kcal/unit	10230	10230	9614	9385		9695	9336
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	2,258.58	2,258.58	3,949.26	4,259.01		4,468.63	3,136.75
2.4.2	Imported Coal	Rs./MT							
2.4.3	Fuel 3	Rs./unit	53,341.67	53,341.67	49,096.98	49,096.98		37,216.80	43,474.14
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	466.84		489.41			431.68	181.20
4.2	Imported Coal	Rs. Crore							
4.3	Fuel 3	Rs. Crore	22.23		30.36			17.32	30.34
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore	489.07		519.78			449.00	211.54
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)		489.07		519.78			449.00	211.54
6(b)	Total PP Cost (=8/1.11(b))								
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh	1.531	1.485	2.859	2.889		2.854	2.233

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S. No.	Particulars	Units	Gadarwara	Khargone	KAPP	TAPP 1&2	TAPP 3&4	JSW	CGPL
1	Operational parameters								
1.1	Total Capacity	MW	800	1320	440	320	1080	300	760
1.2	Availability	%	103.00	100.53				96.50%	78.72%
1.3	PLF	%	0.00	0.00				94.95%	78.85%
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				9%	4.75%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU							
1.11 (a)	Total Net Generation		0.00	0.00					
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	0.00	0.00	99.60	33.39	299.84	211.94	445.87
1.12	Heat Rate	kcal/kWh	2236.74	2173.5				2250	2050
1.13	Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5					
1.14	Transit Loss for Domestic and Washed Coal	%	0.8	0.8					
1.15	Transit Loss for Imported Coal	%	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	4340	4185					
2.1.2	Imported Coal (As Billed)	kcal/kg	-	-					
2.1.3	Domestic Coal (As Received)	kcal/kg	3645	3857					
2.1.4	Imported Coal (As Received)	kcal/kg	-	-					
2.1.5	Fuel 2	kcal/unit	10632	10728					
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	3,755.27	4,116.86					
2.4.2	Imported Coal	Rs./MT							
2.4.3	Fuel 3	Rs./unit	49,541.46	48,746.33					
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	101.35	208.69					
4.2	Imported Coal	Rs. Crore							
4.3	Fuel 3	Rs. Crore	17.54	11.33					
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore	118.88	220.02					
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)		118.88	220.02					
6(b)	Total PP Cost (=8/1.11(b))								
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh	2.537	2.550	2.288700003	2.415117011	3.391083002		

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S. No.	Particulars	Units	APML				GMR	RPL	
1	Operational parameters								
1.1	Total Capacity	MW	125	1320	1200	440	200	450	750
1.2	Availability	%	98.92%	94.84%	98.92%	98.92%	76.58%	100%	100%
1.3	PLF	%	96.70%	93.00%	96.70%	40.22%	73.28%	0.00%	0.00%
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	%							
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU							
1.11 (a)	Total Net Generation								
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	89.93	913.34	863.35	131.68	109.05	0.00	0.00
1.12	Heat Rate	kcal/kWh	2200	2200	2200	2200	2211	2175	2175
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							
2.1.2	Imported Coal (As Billed)	kcal/kg							
2.1.3	Domestic Coal (As Received)	kcal/kg							
2.1.4	Imported Coal (As Received)	kcal/kg							
2.1.5	Fuel 2	kcal/unit							
2.1.6	Fuel 3	kcal/unit							
2.1.7	Fuel 4	kcal/unit							
2.2	Stacking Loss								
2.2.1	Stacking Loss Approved	kcal/kg							
2.2.2	Stacking Loss Actual	kcal/kg							
2.3	Calorific Value after stacking loss								
2.3.1	Domestic Coal (As Fired)	kcal/kg							
2.3.2	Imported Coal (As Fired)	kcal/kg							
2.4	Landed Fuel Price per unit								
2.4.1	Domestic Coal	Rs./MT							
2.4.2	Imported Coal	Rs./MT							
2.4.3	Fuel 3	Rs./unit							
2.4.4	Fuel 4	Rs./unit							
3	Fuel Consumption and Heat Contribution (for each fuel separately)								
3.1	Specific Fuel Consumption								
3.1.1	Domestic Coal	MT/kWh							
3.1.2	Imported Coal	MT/kWh							
3.1.3	Fuel 3	unit/kWh							
3.1.4	Fuel 4	unit/kWh							
3.2	Total Fuel Consumption								
3.2.1	Domestic Coal								
3.2.2	Imported Coal								
3.2.3	Fuel 3								
3.2.4	Fuel 4								
3.3	Heat content								
3.3.1	Domestic Coal	Million kcal							
3.3.2	Imported Coal	Million kcal							
3.3.3	Fuel 3	Million kcal							
3.3.4	Fuel 4	Million kcal							
	Total Heat content	Million kcal							
4	Total Fuel Cost								
4.1	Domestic Coal	Rs. Crore							
4.2	Imported Coal	Rs. Crore							
4.3	Fuel 3	Rs. Crore							
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore							
5	Other Charges and Adjustments								
5.1	Other Charges (Pl. specify details)								
5.2	Other Adjustments (Pl. specify details)								
	Total Other Charges and Adjustments								
6(a)	Total Cost (= 4 + 5)								
6(b)	Total PP Cost (= 6/1.11(b))								
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh							

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Bhusawal			Bhusawal Unit 04 and 05			Khaparkhedha - 1 to 4		
			Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance	Rs/unit		2979.65			2979.65			2165.48	
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit									
	Taxes and Duties (pl. specify details)	Rs/unit		887.39			887.39			132.86	
	Any other charges	Rs/unit								358.94	
	Total Price excluding Transit Loss	Rs/unit		3867.04	3897.40		3867.04	3867.04		2657.28	2562.96
	Normative Transit Loss	%			0.80%			0.80%		0.80%	0.80%
	Total Price including Transit Loss	Rs/unit			3928.83			3898.22			2583.63
	Other Fuel Related Variable Charges	Rs/unit						160.93			31.43
	Total Price	Rs/unit			3928.83			4059.15			2615.06

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Khaparkhedha Unit 05			Nashik TPS			Chandrapur Unit 03 to 07		
			Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		2191.32			3119.38			1846.55	
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit									
	Taxes and Duties (pl. specify details)	Rs/unit		133.76			613.60			92.81	
	Any other charges	Rs/unit		350.14			356.99				
	Total Price excluding Transit Loss	Rs/unit		2675.22	2647.88		4089.97	4089.96		1939.36	2999.29
	Normative Transit Loss	%			0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			2669.23			4122.94		1939.36	3023.48
	Other Fuel Related Variable Charges	Rs/unit			31.43			0.00			12.59
	Total Price	Rs/unit			2700.66			4122.94			3036.07

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Paras Unit 03 and 04			Parli Unit 06 and 07			Koradi Unit 06 & 07		
			Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance	Rs/unit		2517.70			4635.90				
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit									
	Taxes and Duties (pl. specify details)	Rs/unit		546.32			188.97				
	Any other charges	Rs/unit		461.64			906.42				
	Total Price excluding Transit Loss	Rs/unit		3525.66	3546.84		5731.29	4313.67			3503.57
	Normative Transit Loss	%			0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			3575.45		5731.29	4348.46			3531.83
	Other Fuel Related Variable Charges	Rs/unit			54.00			0.00			0.00
	Total Price	Rs/unit			3629.45			4348.46			3531.83

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	GTPS Uran			Parli Unit 08			Chandrapur Unit 08,09		
			Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption	Approved in Tariff Order	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance	Rs/unit			7.43		4635.90			2196.21	
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit									
	Taxes and Duties (pl. specify details)	Rs/unit			0.22		188.97			1007.56	
	Any other charges	Rs/unit					906.42			123.49	
	Total Price excluding Transit Loss	Rs/unit			7.66		5731.29	4313.67		3327.26	3347.63
	Normative Transit Loss	%			0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			7.72		5731.29	4348.46			3374.63
	Other Fuel Related Variable Charges	Rs/unit			0.00			0.00			12.75
	Total Price	Rs/unit			7.72			4348.46			3387.38

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Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Koradi Unit 08,09,10		
			Approved in Tariff Order	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance	Rs/unit			
	Freight	Rs/unit			
	Freight Surcharge, if applicable	Rs/unit			
	Fuel Handling Charges	Rs/unit			
	Taxes and Duties (pl. specify details)	Rs/unit			
	Any other charges	Rs/unit			
	Total Price excluding Transit Loss	Rs/unit			3858.55
	Normative Transit Loss	%			0.80%
	Total Price including Transit Loss	Rs/unit			3889.67
	Other Fuel Related Variable Charges	Rs/unit			
	Total Price	Rs/unit			3889.67

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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 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
State Generating Stations																		
1	Bhusawal - 3	Coal - Raw Coal	415287	162	3897	0	0	0	0	415287	162	3897	0	0	0	415287	162	3897
		Coal - Imported Coal														0	0	#DIV/0!
		Subtotal	415287	162	3897	0	0	#DIV/0!	0	415287	162	3897	0	0	#DIV/0!	415287	162	3897
		Oil - LDO	675	3	46197					675	3	46197				675	3	46197
		Oil - FO	1766	6	33755					1766	6	33755				1766	6	33755
		Subtotal	2441	9	37195	0	0	#DIV/0!	0	2441	9	37195	0	0	#DIV/0!	2441	9	37195
		Other Variable Cost																
2	Bhusawal - 4 & 5	Coal - Raw Coal	415287	162	3897	0	0	0	0	415287	162	3897	31069	12	3867	384218	150	3900
		Coal - Imported Coal			0										0	0	0	#DIV/0!
		Subtotal	415287	162	3897	0	0	#DIV/0!	0	415287	162	3897	31069	12	3867	384218	150	3900
		Oil - LDO	1550	7	46197					1550	7	46197	82	0	46197	1468	7	46197
		Oil - FO	2944	10	33755					2944	10	33755	300	1	33755	2644	9	33755
		Subtotal	4494	17	38047	0	0	#DIV/0!	0	4494	17	38047	382	1	36426	4112	16	38197
		Other Variable Cost																
3	Khaparkheda - 1 to 4	Coal - Raw Coal	374087	95	2545	289962	77	2657	393	663656	172	2595	373825	96	2563	289831	76	2637
		Coal - Imported Coal			0					0	0							
		Subtotal	374087	95	2545	289962	77	2657	393	663656	172	2595	373825	96	2563	289831	76	2637
		Oil - LDO	1006	5	48421					1006	5	48421	97	0	47957	909	4	48470
		Oil - FO	4976	21	42552					4976	21	42552	290	1	41199	4686	20	42636
		Subtotal	5982	26	43539	0	0	0	0	5982	26	43539	387	2	42893	5595	24	43584
		Other Variable Cost												1	31			
4	Khaparkheda - 5	Coal - Raw Coal	190628	51	2652	255147	68	2675	359	445416	119	2668	260272	69	2648	185144	50	2695
		Coal - Imported Coal																
		Subtotal	190628	51	2652	255147	68	2675	359	445416	119	2668	260272	69	2648	185144	50	2695
		Oil - LDO	1358	6	47614					1358	6	47614				1358	6	47614
		Oil - FO	3325	13	39175					3325	13	39175				3325	13	39175
		Subtotal	4683	19	41623	0	0	0	0	4683	19	41623	0	0	0	4683	19	41623
		Other Variable Cost												1	31			
5	Nashik- 3,4 & 5	Coal - Raw Coal	223148	91	4090			0		223148	91	4090	0	0	0	223148	91	4090
		Coal - Imported Coal			0				0									
		Subtotal	223148	91	4090	0	0	0	0	223148	91	4090	0	0	0	223148	91	4090
		Oil - LDO	1138	5	47455					1138	5	47455				1138	5	47455
		Oil - FO	1964	8	38422					1964	8	38422				1964	8	38422
		Subtotal	3102	13	41735	0	0	0	0	3102	13	41735	0	0	0	3102	13	41735
		Other Variable Cost																
6	Chandrapur - 3 to 7	Coal - Raw Coal	1034076	324	3131	386504	102	2645	3736	1416844	426	3007	685682	206	2999	731162	220	3013
		Coal - Imported Coal	44	0	5743			0		44	0	5743				44	0	5743
		Subtotal	1034120	324	3131	386504	102	2645	3736	1416888	426	3007	685682	206	2999	731206	220	3013
		Oil - LDO	2571	13	51184			0		2571	13	51184	561	3	48857	2010	10	51834
		Oil - FO	5804	23	39452			0		5804	23	39452	938	3	36981	4866	19	39928
		Subtotal	8375	36	43053	0	0	0	0	8375	36	43053	1499	6	41426	6876	30	43408
		Other Variable Cost												1	13			
7	Paras - 3 & 4	Coal - Raw Coal	200077	73	3641	265678	92	3448	2080	463676	164	3547	206540	73	3547	257136	91	3547
		Coal - Imported Coal			0											0	0	#DIV/0!
		Subtotal	200077	73	3641	265678	92	3448	2080	463676	164	3547	206540	73	3547	257136	91	3547
		Oil - LDO	509	2	46774			0		509	2	46774	117	1	46774	392	2	46774
		Oil - FO	1362	5	39218			0		1362	5	39218	217	1	39218	1145	4	39218
		Subtotal	1871	8	41275	0	0	0	0	1871	8	41275	334	1	41865	1537	6	41147
		Other Variable Cost													24			
8	Parli - 6 & 7	Coal - Raw Coal	171888	83	4849	1677	1	5282	38	173528	84	4854	5922	3	4314	167606	82	4873
		Coal - Imported Coal			0											0	0	#DIV/0!
		Subtotal	171888	83	4849	1677	1	5282	38	173528	84	4854	5922	3	4314	167606	82	4873
		Oil - LDO	1426	9	49703			0		1426	9	65889	32	0	45610	1394	9	66355
		Oil - FO	2861	14	65889			0		2861	14	49703	90	0	42671	2771	14	49932
		Subtotal	1426	9	65889	0	0	0	0	4287	24	55087	122	1	43442	4165	23	55428
		Other Variable Cost																
9	Koradi - 6 & 7	Coal - Raw Coal	156098	55	3504			0		148714	52	3476				148714	52	3476
		Coal - Imported Coal			0			0								0	0	#DIV/0!
		Subtotal	156098	55	3504	0	0	0	0	148714	52	3476	0	0	0	148714	52	3476
		Oil - LDO	1573	8	49198			0		1573	8	49198				1573	8	49198
		Oil - FO	3611	14	38592			0		3611	14	38592				3611	14	38592

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year : 2020-21
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
		Subtotal	5184	22	41810	0	0	0	0	5184	22	41810	0	0	0	5184	22	41810
		Other Variable Cost																
10	GTPS Uran	Gas																
11	Hydro (Ghatghar)	Water																
12	Parli Replacement U 8	Coal - Raw Coal	132080	48	3655	6268	3	5282	-85	138434	52	3726	62738	27	4314	75696	25	3239
		Coal - Imported Coal			0			0										
		Subtotal	132080	48	3655	6268	3	5282	-85	138434	52	3726	62738	27	4314	75696	25	3239
		Oil - LDO	975	3	31123			0		975	3	31123	70	0	45610	905	3	30003
		Oil - FO	1903	8	42118			0		1903	8	42118	184	1	42671	1719	7	42058
		Subtotal	2878	11	38393	0	0	0	0	2878	11	38393	254	1	43481	2624	10	37901
		Other Variable Cost																
13	Chandrapur - 8 & 9	Coal - Raw Coal	148233	51	3415	444740	148	3327	1711	591262	199	3359	455943	153	3348	135319	46	3397
		Coal - Imported Coal	15413	10	6548	60	0	6440		15473	10	6548	5746	4	6548	9727	6	6548
		Subtotal	163646	61	3710	444799	148	3328	1711	606735	209	3440	461689	156	3387	145046	52	3608
		Oil - LDO	1460	7	44760			0		1460	7	44760	0	0	0	1460	7	44760
		Oil - FO	1404	4	26767			0		1404	4	26767	39	0	36981	1365	4	26475
		Subtotal	2864	10	35940	0	0	0	0	2864	10	35940	39	0	36981	2825	10	35926
		Other Variable Cost												1	13			
14	Koradi R U-8 to 10	Coal - Raw Coal	462274	166	3599	186225	62	3331	1919	653964	231	3539	247268	95	3859	406696	136	3344
		Coal - Imported Coal			0			0								0	0	#DIV/0!
		Subtotal	462274	166	3599	186225	62	3331	1919	653964	231	3539	247268	95	3859	406696	136	3344
		Oil - LDO	1639	8	50514	1011	3	25075		2650	11	40808	438	2	40808	2212	9	40808
		Oil - FO	3241	13	38630	1700	9	53273		4940	22	43667	1131	5	43667	3809	17	43667
		Subtotal	4879	21	42622	2711	12	42755	0	7590	32	42669	1569	7	42869	6021	26	42617
		Other Variable Cost																
15	MSPGCL Dhariwal	Coal																
16	Dodson I	Hydro																
17	Dodson II	Hydro																
Central Generating Stations																		
1	KSTPS	Coal	659115.59	121.91	1849.56	1308448.8	236.88	1810.39	4012.13	1963552.2	358.79	1827.24						
2	KSTPS III	Coal																
3	VSTP I	Coal																
4	VSTP II	Coal																
5	VSTP III	Coal																
6	VSTP IV	Coal																
7	VSTP V	Coal																
8	Kawas	Gas	2713.87	19.44	71616.87	30466.59	28.16	9243.78		33180.46	47.60	14345.35						
9	Gandhar	Gas				27641.18	25.37	9177.91		27641.18	25.37	9177.91						
10	KhSTPS-II	Coal	920579.26	224.83	2442.27	1166007	287.40	2464.84	5184	2081402.3	512.23	2461.00						
11	SIPAT TPS 2	Coal	491462.47	108.78	2213.35	1582138.4	358.06	2263.16	6632.80	2066968.06	466.84	2258.58						
12	SIPAT TPS 1	Coal																
13	Mauda I	Coal	1142690.3	477.88	4182.06	29991.04	11.53	3845.57	239.93	1172441.45	489.41	4174.31						
14	Mauda II	Coal																
15	NTPC Solapur 2	Coal																
16	NTPC Solapur	Coal	661815.72	413.94	6254.58	40007.09	17.74	4434.68	320.05	701502.76	431.68	6153.65						
17	Lara	Coal	232571.04	77.10	3314.98	326289.69	104.10	3190.49	2610.32	556250.41	181.20	3257.51						
18	Gadarwara	Coal	215580	92.10	4272.25	23854	9.24	3875.27	191	239243	101.35	4236.08						
19	Khargone	Coal	297541.1	154.34	5187.19	122928.3	54.35	4421.14	983.43	419485.97	208.69	4974.86						
20	KAPP																	
21	TAPP 1&2																	
22	TAPP 3&4																	
Other Generating Stations																		
1	JSW	Coal				163169				163169								
2	CGPL	Coal																
3	APML 125 MW	Coal	609319			1161122			5507	1155615			1411225			370161		
4	APML 1320 MW	Coal																
5	APML 1200 MW	Coal																
6	APML 440 MW	Coal																
7	EMCO Power	Coal		90375			65184											
8	RIPL 450 MW	Coal	843995													122728		
9	RIPL 750 MW	Coal														843995		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year : 2020-21
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	0.000	0.000	0.000	#DIV/0!	
2	Bhusawal - 4	Coal	0.8	0.000	0.000	0.000	#DIV/0!	
3	Bhusawal - 5	Coal	0.8					
4	Khaparkhedha - 1 to	Coal	0.8					
5	Khaparkhedha - 5	Coal	0.8	289961.550	289568.960	392.590	0.14%	
6	Nashik- 3,4 & 5	Coal	0.8	255146.980	254788.460	358.520	0.14%	
7	Chandrapur - 3	Coal	0.8	386503.940	382767.790	0.000	#DIV/0!	
8	Chandrapur - 4	Coal	0.8			#####	0.97%	
9	Chandrapur - 5	Coal	0.8					
10	Chandrapur - 6	Coal	0.8					
11	Chandrapur - 7	Coal	0.8					
12	Paras - 3	Coal	0.8	265677.990	263598.420	#####	0.8%	
13	Paras - 4	Coal	0.8					
14	Parli - 6	Coal	0.8					
15	Parli - 7	Coal	0.8	7945.900	7993.600	-47.700	-0.6%	
16	Koradi - 6	Coal	0.8			0.000	#DIV/0!	
17	Koradi - 7	Coal	0.8			0.000	#DIV/0!	
18	GTPS Uran	Gas				0.000	#DIV/0!	
19	Hydro (Ghatghar)	Hydro				0.000	#DIV/0!	
20	Parli Replacement	Coal	0.8	7945.900	7993.600	-47.700	-0.6%	
21	Chandrapur - 8	Coal	0.8	444739.800	443029.130	1710.670	0.38%	
22	Chandrapur - 9	Coal	0.8					
23	Koradi R U-8	Coal	0.8					
24	Koradi 9	Coal	0.8	186225.450	184306.050	#####	1.03%	
25	Koradi10	Coal	0.8					
26	MSPGCL Dhariwa	Coal						
27	Dodson I	Hydro						
28	Dodson II	Hydro						
Central Generating Stations								
1	KSTPS	Coal	0.2	1308448.75	1304436.62	4012.13	0.3%	
2	KSTPS III	Coal	0.2					
3	VSTP I	Coal	0.2					
4	VSTP II	Coal	0.2	2119335.11	2111328.81	8006.3	0.4%	
5	VSTP III	Coal	0.2					
6	VSTP IV	Coal	0.2					
7	VSTP V	Coal	0.2					
8	Kawas	Gas	-			0		
9	Gandhar	Gas	-			0		
10	KhSTPS-II	Coal	0.2	1166007	1160823	5184	0.4%	
11	SIPAT TPS 2	Coal	0.2	#VALUE!	#VALUE!	6632.8	#####	
12	SIPAT TPS 1	Coal	0.2					
13	Mauda I	Coal	0.8	#VALUE!	#VALUE!	239.93	#####	
14	Mauda II	Coal	0.8					
15	NTPC Solapur 2	Coal						
16	NTPC Solapur	Coal	0.8	40007.09	39687.04	320.05	0.8%	
17	Lara	Coal	0.2	326289.69	323679.37	2610.32	0.8%	
18	Gadarwara	Coal	0.8	23854	23663	191	0.8%	
19	Khargone	Coal	0.8	122928.3	121944.87	983.43	0.8%	
20	KAPP	Nuclear						
21	TAPP 1&2	Nuclear						
22	TAPP 3&4	Nuclear						
IPP								
1	JSW	Coal				0		
2	CGPL	Coal				0		
3	APML 125 MW	Coal		1161122	1155615	5507		
4	APML 1320 MW	Coal						
5	APML 1200 MW	Coal						
6	APML 440 MW	Coal						
7	EMCO Power	Coal				0		
8	RIPL 450 MW	Coal				0		
9	RIPL 750 MW	Coal				0		

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

S. No.	Consumer Category	Units	Year	Sales in the month			Cumulative upto the preceding month Actual
			Approved by the Commission	Approved for the month	Actual sales in the preceding Quarter	Reasons for material variation	
1	Energy Sales in the License Area						
	HT Category						
	Industry (General)		33,829.98	2,867.98	1,886.29		
	Industry (Seasonal)		102.93	9.43	13.33		
	Commercial		1,887.38	203.47	100.84		
	Railways/Metro/Monorail		80.46	9.55	7.38		
	Public Water Works (PWW)		1,996.12	171.99	175.50		
	Agricultural - Pumpsets		1,243.85	156.66	180.51		
	Agricultural - Others		259.40	24.22	25.09		
	Group Housing Society (Residential)		239.68	24.35	22.64		
	Public Services - Government		273.16	27.59	19.26		
	Public Services - Others		825.16	81.01	57.65		
	Electric Vehicle Chargings Stations		0.31	0.03	0.02		
	MSPGCL Auxiliary		183.74	19.75	13.76		
	Other Adjustment		4,842.00	403.50	299.90		
	Sub-total		45,764.17	3,999.52	2,802.17		
	LT Category						
	BPL		45.14	2.66	5.33		
	Residential		22,868.98	2,519.14	2,069.88		
	Non Residential		6,934.28	693.79	183.56		
	Public Water Works		892.76	80.24	76.03		
	AG Metered (Pumpsets)		17,571.05	1,527.48	1,703.00		
	AG Metered (Others)		140.00	13.57	14.80		
	Industrial		9,618.89	808.81	379.53		
	Street Lights		2,272.61	202.78	160.68		
	Public Services		572.79	54.47	41.34		
	Electric Vehicle Chargings Stations		0.23	0.02	0.04		
	Prepaid		-	-	-		
	Sub-total		60,916.73	5,902.96	4,634.19		
2	Energy Sales outside the License						
	Sub total		-	-	-		
3	Total Energy Sales (1+2)		1,06,680.90	9,902.49	7,436.36		

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month May-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			Approve d for the month MU	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						464.17		
	Hrs>1318								
	Bhandup (U)						-		
	Nasik						203.66		
	Pune						22.68		
	Jalgaon						100.55		
	Baramati						137.28		
2	Zone 2	39,52,444.00		4,050.57	677.22				
	Unmetered						460.75		
	Hrs>1318								
	Akola						34.40		
	Amravati						45.71		
	Aurangabad						101.61		
	Kalyan						-		
	Konkan						-		
	Kolhapur						9.67		
	Latur						160.33		
	Nagpur (U)						2.34		
	Chandrapur						-		
	Gondia						-		
	Nanded						106.71		
	Total	74,22,999.00		8,783.32	677.22		924.92		

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

S. No.	Source of Power Purchase	Units	Year	For the month			Cumulative upto the month	
			Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Approved	Actual
1.0	Own Generation							
	Station 1	MU	-	-	-		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)		-	(3.05)
	Bhusawal - 4	MU	2,878.32	297.23	38.28		584.87	36.65
	Bhusawal - 5	MU	2,535.73	297.23			584.87	(1.63)
	Khaparkheda - 1 to 4	MU	4,467.19	379.41	401.91		746.57	621.12
	Khaparkheda - 5	MU	3,352.22	284.71	317.11		560.23	538.56
	Nashik- 3,4 & 5	MU	2,007.66	334.67	(1.47)		658.54	(2.85)
	Chandrapur - 3	MU	1,145.55	97.29	760.77		191.45	876.10
	Chandrapur - 4	MU	1,145.55	97.29			191.45	
	Chandrapur - 5	MU	2,727.51	231.65			455.83	
	Chandrapur - 6	MU	2,727.51	231.65			455.83	
	Chandrapur - 7	MU	2,727.51	231.65			455.83	
	Paras - 3	MU	1,586.88	134.78	266.70		265.20	409.16
	Paras - 4	MU	1,586.88	134.78			265.20	142.46
	Parli - 6	MU		-	4.81		-	3.84
	Parli - 7	MU		-			-	(0.98)
	Koradi - 6	MU	584.43	49.64	(2.17)		97.67	(4.25)
	Koradi - 7	MU	584.43	49.64			97.67	
	GTPS Uran	MU	2,898.32	246.16	176.64		484.38	376.58
	Hydro (Ghatghar)	MU	3,296.55	279.98	458.27		550.93	1,032.37
	Parli Replacement U 8	MU	246.85	125.45	71.66		246.85	70.30
	Chandrapur - 8	MU	3,422.63	290.69	319.02		572.00	571.24
	Chandrapur - 9	MU	3,422.63	290.69	305.13		572.00	580.73
	Koradi R U-8	MU	3,261.91	277.04	47.64		545.14	150.38
	Koradi 9	MU	3,261.91	277.04	180.92		545.14	282.97
	Koradi10	MU	3,261.91	277.04	40.52		545.14	140.11
	MSPGCL Dhariwal	MU		-	175.67		-	303.84
	Dodson I	MU	51.51	4.37	8.72		8.61	18.09
	Dodson II	MU	64.21	5.45	5.58		10.73	11.41
	Sub total	MU	53,245.80	4,925.51	3,574.14		9,692.14	6,153.13
2.2	Central Generating Stations							
	KSTPS	MU	4,222.49	358.62	438.46		705.68	853.43
	KSTPS III	MU	755.30	64.15	86.14		126.23	168.31
	VSTP I	MU	2,778.10	235.95	306.03		464.29	619.98
	VSTP II	MU	2,226.82	189.13	228.67		372.15	468.66
	VSTP III	MU	1,801.00	152.96	198.59		300.99	343.55
	VSTP IV	MU	1,888.12	160.36	176.48		315.55	378.11
	VSTP V	MU	1,028.26	87.33	109.52		171.85	186.44
	Kawas	MU	348.10	29.56	52.90		58.18	157.94
	Gandhar	MU	256.03	21.74	41.96		42.79	84.91
	KhSTPS-II	MU	1,033.69	87.79	88.87		172.75	174.30
	SIPAT TPS 2	MU	1,801.00	152.96	193.86		300.99	386.30
	SIPAT TPS 1	MU	3,560.12	302.37	388.16		594.98	726.99
	Mauda I	MU	933.85	219.65	-		432.21	-
	Mauda II	MU	3,390.27	296.56	-		583.55	-
	NTPC Solapur 2	MU		-	-		-	-
	NTPC Solapur	MU	251.00	109.94	-		251.00	-
	Lara	MU	1,579.96	134.19	72.31		264.05	104.00
	Gadarwara	MU	57.24	29.09	-		57.24	-
	Khargone	MU	342.52	29.09	-		57.24	-
	KAPP	MU	979.30	83.17	99.60		163.66	194.49
	TAPP 1&2	MU	1,143.71	97.14	33.39		191.14	86.62
	TAPP 3&4	MU	2,809.23	238.59	299.84		469.49	590.14
	Sub total	MU	33,186.09	3,080.35	2,814.79		6,095.99	5,524.16

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
2.3	Renewable Energy based Generating Stations							
	Renewable - Non Solar	MU	6,988.00	856.00	599.00		1,490.00	1,121.38
	Renewable - Solar	MU	13,284.00	672.00	441.89		1,475.00	878.33
	Sub total	MU	20,272.00	1,528.00	1,040.89		2,965.00	1,999.71
2.4	Other Generating Stations							
	JSW	MU	1,934.21	164.28	211.94		323.25	413.44
	CGPL	MU	5,157.89	438.07	445.87		862.00	811.10
	APML 125 MW	MU	870.25	73.91	89.93		145.44	171.26
	APML 1320 MW	MU	9,189.85	780.51	913.34		1,535.84	1,702.37
	APML 1200 MW	MU	7,862.98	667.81	863.35		1,314.09	1,644.08
	APML 440 MW	MU	3,063.28	260.17	131.68		511.95	344.66
	EMCO Power	MU	1,370.06	116.36	109.05		228.97	219.69
	RIPL 450 MW	MU	782.11	261.81	-		515.18	-
	RIPL 750 MW	MU	1,303.52	436.36	-		858.64	-
	Sub total	MU	31,534.15	3,199.28	2,765.15		6,295.35	5,306.60
2.5	Traders							
	Station 1	MU	-	-	-		0	0
	Station 2	MU	-	-	-		0	0
	Station 3	MU	-	-	-		0	0
	Sub total	MU	-	-	-		-	-
2.6	Others							
	SSP	MU	1,209.94	102.76	34.20		202.21	82.63
	Pench	MU	136.50	11.59	7.86		22.81	12.35
	Inter State	MU		-	0.78		-	1.73
	NTPC NVVN Coal	MU	-	-	9.15		-	17.20
	Short Term	MU	-	-	857.79		-	2,005.57
	Inter state loss	MU	(1,274.00)	(106.17)	(23.64)		(212.33)	(31.91)
	Sub total	MU	72.44	8.19	886.15		12.69	2,087.59
	Total Power purchase from other sources (2.1+2.2+2.3+2.4+2.5+2.6)	MU	1,38,310.49	12,741.33	11,081.12		25,061.17	21,071.19
3.0	Energy Availability							
3.1	Energy available for sale within the Licensee area (1+2)	MU	1,38,310.49	12,741.33	11,081.12		25,061.17	21,071.19
	Infirm Non-PPA Wind power		888.00	74.00	-			
	Input for OA consumption		4,114.00	342.83	253.21			
	Energy injected and drawn at 33 Kv		573.00	47.75	58.21			
	Surplus power traded		1,106.00	92.17	5.72			
3.2	Energy available for sale within the Licensee area at transmission voltage	MU	1,41,633.49	13,018.25	11,334.32			
	Intra-state transmission loss		4,502.00	400.94	359.05			
3.3	Energy available for sale within the Licensee area at distribution voltage	MU	1,37,131.49	12,603.52	10,975.28			

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

S. No.	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
1.0	Transmission Loss							
1.1	Net Energy input at Transmission Voltages	MU	1,41,633.49	13,018.25	11,334.32			
1.2	Energy Sales at Transmission Voltages (including EHV consumers)	MU	10,357.00	863.08	592.49			
1.3	Energy fed to Distribution System	MU	1,26,774.49	11,740.43	10,382.79			
1.4	Transmission Loss (=1.1 - 1.2 - 1.3)	MU	4,502.00	414.73	359.05			
1.5	Transmission Loss as % of Net Energy Input (=1.4 ÷ 1.1)	%	3.18%	3.19%	3.17%			
2.0	Distribution Loss							
2.1	Net Energy input at Distribution Voltages	MU	1,23,451.49	10,287.62	10,441.00			19,924.98
2.2	Energy sales (metered) at Distribution voltages	MU	92,427.90	7,702.33	6,543.97			12,261.08
2.3	Estimated consumption of unmetered categories of consumers	MU	8,783.32	731.94	924.92			1,849.87
2.4	Distribution Loss (=2.1 - 2.2 - 2.3)	MU	22,240.27	1,853.36	2,972.11			5,814.03
2.5	Distribution Loss as % of net energy input (=2.4 ÷ 2.1)	%	18%	18.0%	28.47%			29.18%
3.0	Excess Distribution Loss =[Distribution Loss (2.5) - Distribution loss approved] x Net Energy Input (2.1)	MU	-	-	1,091.12			5,814.03

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year - 2020-21
Form 18: Power Purchase Cost

S. No.	Source of Power Purchase	Year							Actual for the month							
		Approved by the Commission							May-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./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)	12.02	-	-	11.40	(72.05)
	Bhusawal - 4	297.23	3.27	97.09	47.14	-	144.24	4.85	38.28	3.09	11.83	47.14	-	-	58.97	15.40
	Bhusawal - 5	297.23	3.27	97.09	47.14	-	144.24	4.85			-	47.14	-	-	47.14	-
	Khaparkheda - 1 to 4	379.41	2.81	106.55	37.32	-	143.88	3.79	401.91	2.47	99.27	45.08	-	-	144.35	3.59
	Khaparkheda - 5	284.71	2.46	69.98	45.05	-	115.03	4.04	317.11	2.23	70.73	47.52	-	-	118.26	3.73
	Nashik- 3,4 & 5	334.67	3.39	113.59	39.94	-	153.54	4.59	(1.47)	3.39	(0.50)	39.94	-	-	39.44	(268.30)
	Chandrapur - 3	97.29	2.54	24.71	13.98	-	38.68	3.98								
	Chandrapur - 4	97.29	2.54	24.71	13.98	-	38.68	3.98								
	Chandrapur - 5	231.65	2.54	58.83	13.98	-	72.80	3.14	760.77	2.59	197.07	77.71	-	-	274.78	3.61
	Chandrapur - 6	231.65	2.54	58.83	13.98	-	72.80	3.14								
	Chandrapur - 7	231.65	2.54	58.83	13.98	-	72.80	3.14								
	Paras - 3	134.78	2.99	40.29	22.64	-	62.93	4.67	266.70	2.74	73.03	24.07	-	-	97.10	3.64
	Paras - 4	134.78	2.99	40.29	22.64	-	62.93	4.67			-	24.07	-	-	24.07	-
	Parli - 6	-	-	-	21.31	-	21.31	-	4.81	3.11	1.50	21.43	-	-	22.93	47.62
	Parli - 7	-	-	-	21.31	-	21.31	-			-	21.43	-	-	21.43	-
	Koradi - 6	49.64	3.14	15.56	7.77	-	23.33	4.70	(2.17)	3.14	(0.68)	15.53	-	-	14.85	(68.56)
	Koradi - 7	49.64	3.14	15.56	7.77	-	23.33	4.70								
	GTPS Uran	246.16	2.68	66.05	15.70	-	81.74	3.32	176.64	1.79	31.67	11.17	-	-	42.83	2.43
	Hydro (Ghatghar)	279.98	-	-	23.05	47.28	70.33	2.51	458.27	0.21	9.45	17.05	-	47.09	73.60	1.61
	Parli Replacement U 8	125.45	3.83	48.05	28.46	-	76.51	6.10	71.66	3.08	22.11	30.85	-	-	52.95	7.39
	Chandrapur - 8	290.69	2.45	71.30	46.90	-	118.20	4.07	319.02	2.45	78.29	50.75	-	-	129.04	4.04
	Chandrapur - 9	290.69	2.45	71.30	46.90	-	118.20	4.07	305.13	2.45	74.88	50.75	-	-	125.63	4.12
	Koradi R U-8	277.04	2.28	63.26	43.81	-	107.07	3.86	47.64	2.94	13.99	45.75	-	-	59.73	12.54
	Koradi 9	277.04	2.28	63.26	43.81	-	107.07	3.86	180.92	2.94	53.11	46.07	-	-	99.18	5.48
	Koradi10	277.04	2.28	63.26	43.81	-	107.07	3.86	40.52	2.94	11.89	46.56	-	-	58.46	14.43
	MSPGCL Dhariwal	-	-	-	-	-	-	-	175.67	2.63	46.19	-	-	-	46.19	2.63
	Dodson I	4.37	1.68	0.73	-	-	0.73	1.68	8.72	1.57	1.37	-	-	0.01	1.38	1.58
	Dodson II	5.45	-	-	0.76	-	0.76	1.40	5.58	-	-	0.76	-	-	0.76	1.37
	Sub total	4,925.51	2.58	1,269.14	695.14	47.28	2,011.56	4.08	3,574.14	2.22	794.57	722.81	-	47.10	1,564.48	4.38
2.2	Central Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	KSTPS	358.62	1.49	53.51	26.40	-	79.90	2.23	438.46	1.42	62.08	25.36	-	9.18	96.62	2.20
	KSTPS III	64.15	1.45	9.29	9.75	-	19.04	2.97	86.14	1.39	11.99	9.95	-	1.80	23.75	2.76
	VSTP I	235.95	1.78	42.11	22.12	-	64.23	2.72	306.03	1.66	50.78	23.11	-	4.59	78.48	2.56
	VSTP II	189.13	1.68	31.77	14.11	-	45.88	2.43	228.67	1.60	36.54	13.93	-	3.09	53.56	2.34
	VSTP III	152.96	1.72	26.31	16.97	-	43.27	2.83	198.59	1.59	31.51	17.35	-	2.51	51.37	2.59
	VSTP IV	160.36	1.71	27.37	27.47	-	54.84	3.42	176.48	1.56	27.62	27.15	-	1.35	56.12	3.18
	VSTP V	87.33	1.71	14.96	16.55	-	31.51	3.61	109.52	1.62	17.71	15.69	-	1.22	34.62	3.16
	Kawas	29.56	2.93	8.67	10.89	-	19.56	6.61	52.90	2.05	10.85	10.61	-	0.00	21.46	4.06
	Gandhar	21.74	2.89	6.28	13.50	-	19.78	9.10	41.96	2.02	8.47	13.32	-	0.00	21.80	5.19
	KhSTPS-II	87.79	2.20	19.35	9.52	-	28.86	3.29	88.87	2.14	18.99	8.81	-	0.01	27.81	3.13
	SIPAT TPS 2	152.96	1.44	21.99	20.01	-	41.99	2.75	193.86	1.53	29.67	20.04	-	1.44	51.15	2.64
	SIPAT TPS 1	302.37	1.43	43.10	42.87	-	85.97	2.84	388.16	1.48	57.64	42.97	-	2.27	102.87	2.65
	Mauda I	219.65	3.34	73.45	44.10	-	117.55	5.35	-	2.86	-	43.50	-	0.01	43.50	-
	Mauda II	296.56	3.07	90.92	47.10	-	138.02	4.65	-	2.89	-	46.36	-	0.01	46.37	-
	NTPC Solapur 2	-	-	-	40.54	-	40.54	-	-	-	-	-	-	-	-	-
	NTPC Solapur	109.94	3.75	41.22	40.54	-	81.76	7.44	-	2.85	-	65.55	-	0.01	65.57	-
	Lara	134.19	2.38	31.99	18.06	-	50.05	3.73	72.31	2.23	16.15	15.72	-	0.40	32.27	4.46
	Gadarwara	29.09	3.52	10.25	5.28	-	15.53	5.34	-	2.54	-	5.45	-	0.00	5.45	-
	Khargone	29.09	3.03	8.82	6.04	-	14.85	5.11	-	2.55	-	9.12	-	0.00	9.12	-
	KAPP	83.17	2.39	19.90	-	-	19.90	2.39	99.60	2.29	22.80	-	-	-	22.80	2.29
	TAPP 1&2	97.14	2.13	20.65	-	-	20.65	2.13	33.39	2.42	8.06	-	-	(0.03)	8.03	2.40
	TAPP 3&4	238.59	3.31	78.96	-	-	78.96	3.31	299.84	3.39	101.68	-	-	0.01	101.69	3.39
	NTPC reabte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sub total	3,080.35	2.21	680.84	431.82	-	1,112.66	3.61	2,814.79	1.82	512.52	413.99	-	27.89	954.40	3.39
2.3	Renewable Energy based Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renewable - Non Solar	856.00	4.93	422.31	-	-	422.31	4.93	599.00	5.37	321.85	-	-	-	321.85	5.37
	Renewable - Solar	672.00	3.62	243.12	-	-	243.12	3.62	441.89	4.18	184.51	-	-	-	184.51	4.18
	Sub total	1,528.00	4.35	665.43	-	-	665.43	4.35	1,040.89	4.86	506.36	-	-	-	506.36	4.86
2.4	Other Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	JSW	164.28	2.79	45.91	13.17	-	59.08	3.60	211.94	2.17	45.92651	13.16	4.96	0.26	64.31	3.03
	CGPL	438.07	2.01	87.90	40.03	0.03	127.96	2.92	445.87	1.79	79.93057	40.56	8.06	0.02	128.58	2.88
	APML 125 MW	73.91	2.84	20.97	10.13	-	31.10	4.21	89.93	2.43	21.84716	10.32	4.79	0.30	37.26	4.14
	APML 1320 MW	780.51	1.84	143.46	87.11	-	230.57	2.95	913.34	1.50	136.72724	87.44	44.86	-	269.04	2.95
	APML 1200 MW	667.81	2.84	189.45	97.24	-	286.70	4.29	863.35	2.43	209.73271	99.11	46.03	2.86	357.73	4.14
	APML 440 MW	260.17	2.90	75.43	36.75	-	112.18	4.31	131.68	2.49	32.77832	37.45	7.02	1.14	78.39	5.95
	EMCO Power	116.36	2.50	29.04	14.41	8.50	51.95	4.46	109.05	2.03	22.10025	12.91	4.53	8.33	47.88	4.39
	RIPL 450 MW	261.8														

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
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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	4.12
2	Actual average power purchase cost (Form 17, Cell Ref. L50)	Rs./kWh	4.10
3	Change in average power purchase cost (=2 -1)	Rs./kWh	(0.02)
4	Net Power Purchase (Form 17, Cell Ref. H50)	MU	11,099.03
5	Change in power purchase cost (=3 x 4/10)	Rs. Crore	(23.12)

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year - 2020-21
Form 20: Apportionment of change in Power Purchase Cost to Licence Area

S. No.	Particulars	Units	May-20		
			Sale within the License Area	Sale outside the License Area	Total
1.0	Energy Sales	MU			
2.0	Apportionment of power purchase	MU			
2.1	Apportionment of power purchase from hydel generation	MU			
2.2	Apportionment of power purchase from other sources	MU			
2.3	Total Power Purchase	MU			
3.0	Apportionment of change in fuel cost of own generation and cost of power purchase	Rs. Crore			

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year - 2020-21
Form 21: Adjustment for over-recovery/under-recovery

S. No.	Particulars	Units	Total	Ag	Non-Ag
1.0	Adjustment for over-recovery/under-recovery (B)				
1.1	Incremental cost allowed to be recovered in Month n-4	Rs. Crore	-	-	-
1.2	Incremental cost in Month n-4 actually recovered in month n-2	Rs. Crore	-	-	-
1.3	(over-recovery)/under-recovery (=1.2 - 1.1)	Rs. Crore	-	-	-
2.0	Carried forward adjustment for over-recovery/ under-recovery attributable to application of ceiling limit for previous month	Rs. Crore	-	-	-
3.0	Adjustment factor for over-recovery/ under-recovery (1.3+2.0)	Rs. Crore	-	-	-

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year - 2020-21
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 May-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	(23.12)	(4.14)	(18.99)
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	(23.12)	(4.14)	(18.99)

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-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	(334.21)	(71.12)	(263.09)
2	FAC for the month (Form 23 Sr. No. 4)	Rs. Crore	(23.12)	(4.14)	(18.99)
3	Holding cost of Fund	Rs. Crore	(2.48)	(0.53)	(1.95)
4	Closing Balance of FAC Fund (1+2)	Rs. Crore	(359.82)	(75.79)	(284.03)
5	Z _{FAC} leviable to consumer (equal to Sr. No. 3 if it is positive)	Rs. Crore	-	-	-
6	Z _{FAC} refundable to consumer (if Sr. No. 3 is negative and above the limit of FAC Fund stipulated in MYT Order)	Rs. Crore	-	-	-

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-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	8,299.40	2,627.92	5,671.48
2	Excess Distribution Loss	MU	1,091.12	345.49	745.63
3	Z _{FAC} leviable/refundable to consumer (Form 23)	Rs. Crore	(23.12)	(4.14)	(18.99)
4	Z _{FAC} per kWh	Rs./kWh	(0.03)	(0.02)	(0.03)
5	Cap at 20% of variable component of tariff	Rs./kWh			
6	FAC Charge allowable (Minimum of 4 and 5)	Rs./kWh	(0.03)	(0.02)	(0.03)

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

S. No.	Unmetered consumer category	May-20			
		Consumption Norm	FAC Charge	Load	Estimated Recovery
		hrs/HP/year	Rs./HP/month	HP	Rs. Crore
1	LT-AG (> 1318 Hours per year)	1,734.33			
2	LT-AG (< 1318 Hours per year)	980.00			

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
Financial Year - 2020-21
Form 27: Recovery of FAC Charge

S. No.	Particulars	Units	Total	Ag	Non-Ag
1	FAC leviable / refundable to consumer	Rs. Crore	(23.12)	(4.14)	(18.99)
2	FAC disallowed corresponding to excess Distribution Loss	Rs. Crore	(3.04)		
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	(20.08)	(4.14)	(18.99)

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

S. No.	Particulars	Units	Month	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	(23.12)	(4.14)	(18.99)
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	(23.12)	(4.14)	(18.99)
	Less: - FAC of Ag consumers to be billed in Billing Qtr of June 2020	Rs. Crore	(4.14)	(4.14)	-
	FAC to be Charged	Rs. Crore	(18.99)	-	(18.99)
2.1	Energy Sales within the License Area	MU	8,299.40	2,627.92	5,671.48
2.2	Excess Distribution Loss	MU	-	-	-
2.3	Z _{FAC} per kWh [(1.4/2.1)*10]	Rs./kWh	(0.02)	-	(0.03)
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	(23.12)	(4.14)	(18.99)
4.0	Utilization of FAC Fund				
4.1	Opening Balance of FAC Fund	Rs. Crore	(334.21)	(71.12)	(263.09)
4.2	Z _{FAC} for the month (Sr. N. 3.2)	Rs. Crore	(23.12)	(4.14)	(18.99)
4.3	Holding cost of Fund	Rs. Crore	(2.48)	(0.53)	(1.95)
4.4	Closing Balance of FAC Fund	Rs. Crore	(359.82)	(75.79)	(284.03)
4.5	Z _{FAC} leviable/refundable to consumer	Rs. Crore	-	-	-
5.0	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of	Rs. Crore	-	-	-
6.0	Carried forward FAC for recovery during future period (4.4-5.0)	Rs. Crore	0	0	0

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month May-20
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Form 29: Category wise and slab wise FAC

S. No.	Consumer categories	May-20															
		ABR	Energy Charges	Average Cost of Supply	K -Factor= ABR/ACoS	Categorieswis e FAC without cap	Categorieswis e FAC with cap	Sales	PF%	Sales kWh	Rate per HP	FAC Amt. without cap	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under	FAC amount with CAP	Rate	Rate
		Rs./kWh	Rs./kWh	Rs./kWh				MU								Rs./kWh	Rs./kVah
1	LT Category							-									
	Domestic (LT-I)																
	BPL (0-30 Units)	3.69	1.12	7.31	0.50	(0.02)	0.22	5.33	1.00	5.33		(0.01)	0.00	(0.01)	0.12	(0.02)	
	Consumption > 30 Units per month																
	1-100 Units	6.03	3.46	7.31	0.82	(0.03)	0.69	1,469.52	1.00	1,469.52		(4.06)	0.22	(3.84)	101.69	(0.03)	
	101-300 Units	9.94	7.43	7.31	1.36	(0.05)	1.49	440.71	1.00	440.71		(2.01)	0.11	(1.90)	65.49	(0.04)	
	301-500 Units	12.84	10.32	7.31	1.76	(0.06)	2.06	60.71	1.00	60.71		(0.36)	0.02	(0.34)	12.53	(0.06)	
	Above 500 Units	13.54	11.71	7.31	1.85	(0.06)	2.34	98.94	1.00	98.94		(0.61)	0.03	(0.58)	23.17	(0.06)	
	Sub Total Domestic							2,069.88									
	Non Domestic (LT-II)																
	0-20 KW	10.61	7.36	7.31	1.45	(0.05)	1.47	126.38	1.00	126.38		(0.61)	0.03	(0.58)	18.60	(0.05)	
	>20-50 KW	14.01	10.72	7.31	1.92	(0.06)	2.14	33.86	1.00	33.86		(0.22)	0.01	(0.21)	7.26	(0.06)	
	>50 KW	16.11	12.83	7.31	2.20	(0.07)	2.57	23.32	1.00	23.32		(0.17)	0.01	(0.16)	5.98	(0.07)	
	Sub Total Non Dmestic							183.56									
	Public Water Works (LT-III)																
	0-20 KW	4.03	2.4	7.31	0.55	(0.02)	0.48	58.57	1.00	58.57		(0.11)	0.01	(0.10)	2.81	(0.02)	
	20-40 KW	5.68	3.78	7.31	0.78	(0.03)	0.76	7.48	1.00	7.48		(0.02)	0.00	(0.02)	0.57	(0.02)	
	above 40 kw	7.12	5.11	7.31	0.97	(0.03)	1.02	9.98	1.00	9.98		(0.03)	0.00	(0.03)	1.02	(0.03)	
	Sub Total PWW							76.03									
	Agriculture (LT-IV)																
	Unmetered Tariff																
	AG unmetered Pump set																
	Zone 1																
	A) 0-5 HP	4.45		7.31	0.61	-	-		1.00		-	-	-	-	-	-	
	B) 5HP -7.5 HP	4.37		7.31	0.60	-	-		1.00		-	-	-	-	-	-	
	C) Above 7.5 HP			7.31	-	-	-		1.00		-	-	-	-	-	-	
	Zone 2																
	A) 0-5 HP	4.38		7.31	0.60	-	-		1.00		-	-	-	-	-	-	
	B) 5HP -7.5 HP	5.08		7.31	0.69	-	-		1.00		-	-	-	-	-	-	
	C) Above 7.5 HP			7.31	-	-	-		1.00		-	-	-	-	-	-	
	Metered Tariff PUMP SETS	3.71	1.85	7.31	0.51	-	0.37		1.00	1,703.00		-	-	-	-	-	
	Metered Tariff OTHER	7.95	3.34	7.31	1.09	(0.04)	0.67	14.80	1.00	14.80		(0.05)	0.00	(0.05)	0.99	(0.03)	
	Sub Total Agriculture																
	LT Industries (LT-V)																
	0-20 KW	7.24	5.21	7.31	0.99	(0.03)	1.04	165.61	1.00	165.61		(0.55)	0.03	(0.52)	17.26	(0.03)	
	Above 20 KW	8.90	6.11	7.31	1.22	(0.04)	1.22	213.92	1.00	213.92		(0.87)	0.05	(0.83)	26.14	(0.04)	
	Sub Total LT Industrees							379.53									
	Street Light (LT-VI)																
	Grampanchayat A, B & C Class Municipal Council	6.51	4.90	7.31	0.89	(0.03)	0.98	124.72	1.00	124.72		(0.37)	0.02	(0.35)	12.22	(0.03)	
	Municipal corporation Area	7.96	5.97	7.31	1.09	(0.04)	1.19	35.96	1.00	35.96		(0.13)	0.01	(0.12)	4.29	(0.03)	
	Sub Total Street Light							160.68									
	Public Services (LT X)																
	Government																
	0-20 KW	7.99	3.31	7.31	1.09	(0.04)	0.66	4.20	1.00	4.20		(0.02)	0.00	(0.01)	0.28	(0.03)	
	>20-50 KW	7.8	4.89	7.31	1.07	(0.04)	0.98	0.91	1.00	0.91		(0.00)	0.00	(0.00)	0.09	(0.03)	
	>50 KW	8.84	6.01	7.31	1.21	(0.04)	1.20	0.82	1.00	0.82		(0.00)	0.00	(0.00)	0.10	(0.04)	
	Other																
	0-20 KW	7.39	4.86	7.31	1.01	(0.03)	0.97	20.45	1.00	20.45		(0.07)	0.00	(0.07)	1.99	(0.03)	
	>20-50 KW	10.43	7.44	7.31	1.43	(0.05)	1.49	6.56	1.00	6.56		(0.03)	0.00	(0.03)	0.98	(0.05)	
	>50 KW	10.52	7.84	7.31	1.44	(0.05)	1.57	8.40	1.00	8.40		(0.04)	0.00	(0.04)	1.32	(0.05)	
								5.93									
	LT XI: LT – Electric Vehicle (EV) Charging Stations	5.50	4.05	7.31	0.75	(0.03)	0.81	0.04	1.00	0.04		(0.00)	0.00	(0.00)	0.00	(0.02)	
	Total LT Category					(0.92)		2,895.78		4,634.19		(10.35)	0.55	(9.80)	304.90		-

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

S. No.	Consumer categories	May-20															
		ABR	Energy Charges	Average Cost of Supply	K -Factor= ABR/ACoS	Categorieswis e FAC without cap	Categorieswis e FAC with cap	Sales	PF%	Sales kWh	Rate per HP	FAC Amt. without cap	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under	FAC amount with CAP	Rate	Rate
		Rs./kWh	Rs./kWh	Rs./kWh				MU								Rs./kWh	Rs./kVah
	HT Category																
	HT																
	Industry (General)	8.55	7.02	7.31	1.19	(0.04)	1.43	1,234.72	0.98	1,211.42		(4.83)	0.26	(4.58)	173.35	(0.04)	(0.04)
	Industry (Seasonal)	10.22	7.28	7.31	1.62	(0.05)	1.68	15.31	0.86	13.24		(0.07)	0.00	(0.07)	2.23	(0.05)	(0.04)
	Commercial	13.46	11.47	7.31	1.90	(0.06)	2.36	102.17	0.97	99.19		(0.63)	0.03	(0.60)	23.44	(0.06)	(0.06)
	Railways/Metro/Monorail	8.40	6.76	7.31	1.16	(0.04)	1.37	7.20	0.99	7.11		(0.03)	0.00	(0.03)	0.97	(0.04)	(0.04)
	Public Water Works (PWW)	7.39	6.07	7.31	1.06	(0.04)	1.27	152.31	0.96	145.63		(0.52)	0.03	(0.49)	18.49	(0.03)	(0.03)
	Agricultural - Pumpsets	4.74	3.79	7.31	0.72	(0.02)	0.85	57.48	0.90	51.46		(0.12)	0.01	(0.12)	4.36	(0.02)	(0.02)
	Agricultural - Others	6.01	5.20	7.31	0.86	(0.03)	1.09	26.19	0.96	25.09		(0.07)	0.00	(0.07)	2.72	(0.03)	(0.03)
	Group Housing Society (Residential)	7.27	5.70	7.31	1.02	(0.03)	1.17	21.13	0.97	20.52		(0.07)	0.00	(0.07)	2.41	(0.03)	(0.03)
	Public Services - Government	9.28	7.74	7.31	1.30	(0.04)	1.59	19.79	0.97	19.26		(0.08)	0.00	(0.08)	3.06	(0.04)	(0.04)
	Public Services - Others	11.25	9.48	7.31	1.58	(0.05)	1.94	51.41	0.98	50.23		(0.26)	0.01	(0.25)	9.75	(0.05)	(0.05)
	Electric Vehicle Chargings Stations	8.29	4.93	7.31	1.14	(0.04)	0.99	0.02	0.99	0.02		(0.00)	0.00	(0.00)	0.00	(0.04)	(0.04)
	EHV			7.31	-	-	-			-							
	Industry (General)	8.36	7.02	7.31	1.16	(0.04)	1.42	681.72	0.99	674.87		(2.61)	0.14	(2.47)	95.71	(0.04)	(0.04)
	Industry (Seasonal)	11.01	7.28	7.31	1.52	(0.05)	1.47	0.09	0.99	0.09		(0.00)	0.00	(0.00)	0.01	(0.05)	(0.05)
	Commercial	14.58	11.47	7.31	2.00	(0.07)	2.31	1.66	0.99	1.65		(0.01)	0.00	(0.01)	0.38	(0.06)	(0.06)
	Railways/Metro/Monorail	7.08	6.76	7.31	1.62	(0.05)	2.27	0.45	0.60	0.27		(0.00)	0.00	(0.00)	0.06	(0.05)	(0.03)
	Public Water Works (PWW)	6.67	6.07	7.31	0.92	(0.03)	1.22	29.97	1.00	29.87		(0.09)	0.00	(0.09)	3.64	(0.03)	(0.03)
	Agricultural - Pumpsets	3.95	3.79	7.31	0.60	(0.02)	0.83	142.12	0.91	129.05		(0.26)	0.01	(0.24)	10.77	(0.02)	(0.02)
	Agricultural - Others		5.20	7.31	-	-	1.04			-		-	-	-	-	-	-
	Group Housing Society (Residential)	5.70	5.70	7.31	0.80	(0.03)	1.17	2.18	0.97	2.12		(0.01)	0.00	(0.01)	0.25	(0.03)	(0.02)
	Public Services - Government		7.74	7.31	-	-	1.55			-		-	-	-	-	-	-
	Public Services - Others	10.13	9.48	7.31	1.39	(0.05)	1.90	7.43	1.00	7.42		(0.03)	0.00	(0.03)	1.41	(0.04)	(0.04)
	Electric Vehicle Chargings Stations		4.93	7.31	-	-	0.99			-		-	-	-	-	-	-
	Total HT Category					(0.79)	31.91	2,553.36		2,488.51		(9.71)	0.52	(9.19)	353.03		(0.70)
	Grand Total					(1.71)	31.91	5,449.14		7,122.70		(20.05)	1.07	(18.99)	657.92		(0.70)