

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Apr-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)	3,867.42	5,698.62	9,566.04
2	Actual Sales in Tariff Order (MU)	2,119.85	4,212.24	6,332.09
3	Difference (2-1)	(1,747.57)	(1,486.38)	(3,233.95)

B. Distribution Loss

Sr. No.	Particulars	
1	Approved Distribution Loss Target (%)	18.02%
2	Actual Cumulative Dist. Loss (%)	30.00%
3	Difference (2-1)	11.99%

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	9,904.62	3,940.33	3.98	6,463.17	2,495.70	3.86	(3,441.44)	(1,444.63)	(0.12)
2	Gas	287.87	118.47	4.12	347.93	115.50	3.32	60.06	(2.97)	(0.80)
3	Hydro	391.13	94.49	2.42	642.22	89.52	1.39	251.09	(4.97)	(1.02)
4	Nuclear	405.39	115.65	2.85	438.41	134.80	3.07	33.03	19.15	0.22
5	Solar	803.00	396.16	4.93	522.38	290.15	5.55	(280.62)	(106.01)	0.62
6	Non Solar	634.00	229.37	3.62	436.44	184.92	4.24	(197.56)	(44.46)	0.62
7	Short Term	-	-	-	1,147.79	319.23	2.78	1,147.79	319.23	2.78
8	REC	-	10.83	-	-	-	-	-	(10.83)	-
9	Inter state transmission	-	276.79	-	-	205.95	-	-	(70.84)	-
10	Sale of surplus power	-	-	-	(4.46)	(2.18)	4.89	(4.46)	(2.18)	4.89
	Total	12,426.01	5,182.09	4.17	9,993.88	3,833.60	3.84	(2,432.12)	(1,348.50)	(0.33)

D. FAC computation for the month

S. No.	Particulars	Units	Apr-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	(334.21)
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	(334.21)
2.0	Calulation of FAC Charge		
2.1	Energy Sales within the License Area	MU	7,253.51
2.2	Excess Distribution Loss	MU	0
2.3	Z _{FAC} per kWh [(1.3/2.1)*10]	Rs./kWh	(0.46)
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	(334.21)

E. FAC leviable to Consumers

S. No.	Particulars	Units	Apr-20
1.0	Opening Balance of FAC Fund	Rs. Crore	0
2.0	FAC Allowble as computed in above table	Rs. Crore	(334.21)
3.0	Closing Balance of FAC Fund	Rs. Crore	0
4.0	FAC leviable/refundable to consumer	Rs. Crore	(334.21)

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

Financial Year

S.No.	Title	Reference	Supporting document(s)	Annexure
1	Contracted Capacity	F1		
2	Sationwise normative vs actual availability	F2		
3	Stationwise Fuel Availability	F3		
4	Implementation of Fuel Utilisation Plan	F4		
5	MoD Operations of Contracted Sources	F5		
6	Details of the plants running at Technical Minimum/Zero schedule	F6		
7	Generator wise schedule vs actual energy	F7		
8	Details of efforts taken to sale surplus power	F8		
9	Generation Summary	F9		
10	Energy Charge	F10		
11	Fuel Cost Details for Thermal Generation	F11		
12	Fuel Inventory	F12		
13	Transit Loss	F13		
14	Energy Sales - Metered	F14		
15	Energy Sales - Unmetered	F15		
16	Energy Availability	F16		
17	Losses	F17		
18	Power Purchase Cost	F18		
19	Change in Power Purchase Cost	F19		
20	Apportionment of change in Power Purchase Cost to Licence Area	F20		
21	Adjustment for over-recovery/under-recovery	F21		
22	Carrying cost for over-recovery/under-recovery	F22		
23	Total Fuel Cost and Power Purchase Adjustment	F23		
24	FAC Fund	F24		
25	Calculation of FAC Charge	F25		
26	Calculation of FAC Charge for unmetered categories	F26		
27	Recovery of FAC Charge	F27		
28	FAC Summary	F28		
29	Category wise and slab wise FAC	F29		

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

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					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 beneficated 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	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	Coal	4.98	WCL, MCL, SECL	5	-0.04		1.017	0.165	0.200
5	Khaparkheda TPS	Khaparkheda - 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		10.170	0.000	0.000
7	Chandrapur TPS	Chandrapur - 3	210	210	Coal	1.20	WCL,SECL	12.8	-1.88				
8	Chandrapur TPS	Chandrapur - 4	210	210	Coal	1.20	WCL,SECL						
9	Chandrapur TPS	Chandrapur - 5	500	500	Coal	2.85	WCL,SECL						
10	Chandrapur TPS	Chandrapur - 6	500	500	Coal	2.85	WCL,SECL						
11	Chandrapur TPS	Chandrapur - 7	500	500	Coal	2.85	WCL,SECL						
12	Paras TPS	Paras - 3	250	250	Coal	1.37	WCL	2.5	0.24		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		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	3.5 MMSCMD	GAIL	1.89 MMSCMD	1.6 MMSCMD	No alternate arrangement at prevailing APM price			
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	Hydro								
20	Parli TPS	Parli Replacement U 8	250	250	Coal	1.37	WCL,SCCL	1.71	-0.34		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						

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

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Sourcing of Fuel					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- I C), UNIT-VI (ST- 2 C)	645	204	Gas		HBJ Pipeline - South Basin Gas field						
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200	Gas		Gandhar Gas field						
10	KhSTPS-II	Unit-I to III	1500	148	Coal	7.59	Rajmahal Coal Fields of ECL						
11	SIPAT TPS 2	Unit-I, II	1,000	274	Coal	4.79	SECL						
12	SIPAT TPS 1	Unit-I to III	1,980	556	Coal	9.20	SECL						
13	Mauda I	Unit-I, II	1000	394	Coal	4.35	SECL, MCL, WCL						
14	Mauda II	Unit-I, II	1320	531	Coal	5.45							
15	NTPC Solapur 2	-	-	-	-	-							
16	NTPC Solapur	Unit-I, II	1320	642	Coal	4.94	MCL						
17	Lara	Unit-I	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(IPP)													
1	JSW Ratnagiri	Unit 1	300	300	Coal	0.95	No FSA	-	Open Market	Open Market			
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	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							

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

S. No.	Name of Station	Name of Unit	MSPGCL				
			Reallocat ion of Coal SCCL raw	Washed coal	MoU coal	Imported coal	Net coal availabili ty 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 MMSCM D
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					

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

S. No.	Name of Station	Name of Unit	MSPGCL				
			Reallocat ion of Coal SCCL raw	Washed coal	MoU coal	Imported coal	Net coal availabili ty 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	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.
Filing for the month Apr-20
Financial Year : 2020-21
Form 2: Station wise normative Vs actual Availability

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Contracted Capacity (EX-Bus) (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Normative Availability as per PPA	Actual Availability for the Day 1	Actual Availability for the Day 2	Actual Availability for the Day 3	Actual Availability for the Day 4	Actual Availability for the Day 5	Actual Availability for the Day 6	Actual Availability for the Day 7
State Generating Stations														
1	Bhusawal TPS	Bhusawal - 3	210	210	187	Coal	80%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%
2	Bhusawal TPS	Bhusawal - 4	500	500	470	Coal	85%	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	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	760	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	Khaparkheda TPS	Khaparkheda - 5	500	500	470	Coal	85%	90.00%	100.00%	100.00%	100.00%	94.06%	86.40%	89.88%
6	Nashik TPS	Nashik- 3,4 & 5	630	420	561	Coal	80%	90.53%	90.53%	90.53%	91.82%	90.53%	96.75%	96.75%
7	Chandrapur TPS	Chandrapur - 3	210	210	192	Coal	80%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	75.01%
8	Chandrapur TPS	Chandrapur - 4	210	210	192	Coal	80%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%
9	Chandrapur TPS	Chandrapur - 5	500	500	457	Coal	80%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%
10	Chandrapur TPS	Chandrapur - 6	500	500	457	Coal	80%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%
11	Chandrapur TPS	Chandrapur - 7	500	500	457	Coal	80%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%
12	Paras TPS	Paras - 3	250	250	227	Coal	85%	84.97%	94.30%	92.83%	84.12%	94.87%	91.16%	78.44%
13	Paras TPS	Paras - 4	250	250	227	Coal	85%	83.44%	94.35%	92.26%	83.39%	43.42%	0.00%	0.00%
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%	42.84%	43.04%	42.52%	42.62%	51.62%	53.62%	43.13%
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585		Hydro	90%							
20	Parli TPS	Parli Replacement U	250	250	250	Coal	85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
21	Chandrapur TPS	Chandrapur - 8	500	500	470	Coal	85%	93.31%	89.22%	90.58%	63.96%	0.00%	0.00%	0.00%

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

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Contracted Capacity (EX-Bus) (MW)	Fuel (Coal/Gas/Hydro/Wind/Solar)	Normative Availability as per PPA	Actual Availability for the Day 1	Actual Availability for the Day 2	Actual Availability for the Day 3	Actual Availability for the Day 4	Actual Availability for the Day 5	Actual Availability for the Day 6	Actual Availability for the Day 7
22	Chandrapur TPS	Chandrapur - 9	500	500	470	Coal	85%	88.24%	90.10%	85.53%	88.92%	93.68%	61.38%	0.00%
23	Koradi TPS	Koradi R U-8	660	660	589	Coal	85%	64.49%	64.09%	78.21%	68.73%	58.72%	59.20%	68.80%
24	Koradi TPS	Koradi 9	660	660	589	Coal	85%	63.10%	64.34%	76.26%	72.77%	56.60%	60.20%	62.33%
25	Koradi TPS	Koradi10	660	660	589	Coal	85%	65.73%	64.46%	68.68%	67.37%	60.23%	56.96%	57.14%
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185	185	Coal								
27	Dodson	Dodson I	12	12		Hydro								
28	Dodson	Dodson II	34	34		Hydro								
Central Generating Stations														
1	KSTPS	Unit-I to VI	2100	635	592.46	Coal	85%	93.03%	93.03%	93.03%	93.31%	93.31%	93.31%	93.31%
2	KSTPS III	-	500	120	113.67	Coal	85%	94.64%	88.91%	94.64%	95.33%	95.33%	95.33%	95.33%
3	VSTP I	Unit-I to VI	1260	432	395.44	Coal	85%	87.94%	89.51%	87.72%	76.34%	90.19%	91.35%	91.66%
4	VSTP II	Unit-I, II	1000	336	313.74	Coal	85%	46.60%	46.60%	89.71%	93.56%	93.56%	93.56%	93.56%
5	VSTP III	Unit-I, II	1000	275	259.25	Coal	85%	47.03%	47.03%	47.03%	47.25%	47.25%	47.25%	47.25%
6	VSTP IV	Unit-I, II	1000	294	278.03	Coal	85%	94.50%	94.50%	94.50%	95.07%	95.07%	95.07%	95.07%
7	VSTP V	Unit-I	500	161	150.19	Coal	85%	93.23%	93.23%	23.03%	0.00%	0.00%	0.00%	0.00%
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%	97.68%	97.68%	93.61%	97.68%	97.68%	97.68%	97.68%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200	194.89	Gas	85%	95.48%	95.52%	96.55%	96.55%	96.55%	96.62%	96.63%

Maharashtra State Electricity Distribution Co. Ltd.

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

Form 2: Station wise normative Vs actual Availability

[illegible]

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

S. No.	Name of Station	Name of Unit	Actual Availability for the Day 8	Actual Availability for the Day 9	Actual Availability for the Day 10	Actual Availability for the Day 11	Actual Availability for the Day 12	Actual Availability for the Day 13	Actual Availability for the Day 14	Actual Availability for the Day 15	Actual Availability for the Day 16	Actual Availability for the Day 17	Actual Availability for the Day 18	Actual Availability for the Day 19
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%	100.00%
3	Bhusawal TPS	Bhusawal - 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Khaparkheda TPS	Khaparkheda - 1 to 4	100.00%	100.00%	100.00%	100.00%	86.93%	83.00%	86.28%	86.52%	84.97%	88.60%	66.03%	66.33%
5	Khaparkheda TPS	Khaparkheda - 5	85.94%	90.08%	53.33%	0.00%	1.56%	76.25%	84.70%	86.39%	89.73%	95.61%	95.70%	99.63%
6	Nashik TPS	Nashik- 3,4 & 5	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%
7	Chandrapur TPS	Chandrapur - 3	89.06%	89.17%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%
8	Chandrapur TPS	Chandrapur - 4	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%
9	Chandrapur TPS	Chandrapur - 5	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%
10	Chandrapur TPS	Chandrapur - 6	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	86.54%	70.07%
11	Chandrapur TPS	Chandrapur - 7	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%
12	Paras TPS	Paras - 3	100.11%	100.11%	94.41%	100.11%	100.11%	100.11%	100.11%	76.30%	97.57%	50.02%	92.45%	100.11%
13	Paras TPS	Paras - 4	81.80%	100.11%	99.56%	99.19%	100.11%	100.11%	100.11%	80.76%	99.09%	62.09%	98.00%	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	42.55%	43.26%	42.47%	42.28%	42.72%	42.53%	42.42%	42.58%	42.46%	42.46%	42.26%	41.98%
19	MSPGCL Hydro	Hydro (Ghatghar)												
20	Parli TPS	Parli Replacement U	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
21	Chandrapur TPS	Chandrapur - 8	0.00%	30.69%	92.37%	91.88%	92.97%	92.37%	83.78%	90.05%	89.34%	88.13%	93.97%	93.64%

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

S. No.	Name of Station	Name of Unit	Actual Availability for the Day 8	Actual Availability for the Day 9	Actual Availability for the Day 10	Actual Availability for the Day 11	Actual Availability for the Day 12	Actual Availability for the Day 13	Actual Availability for the Day 14	Actual Availability for the Day 15	Actual Availability for the Day 16	Actual Availability for the Day 17	Actual Availability for the Day 18	Actual Availability for the Day 19
22	Chandrapur TPS	Chandrapur - 9	0.00%	58.57%	92.79%	94.59%	94.58%	93.05%	93.43%	94.80%	93.17%	95.76%	94.93%	93.71%
23	Koradi TPS	Koradi R U-8	54.67%	65.03%	65.88%	68.05%	73.58%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%
24	Koradi TPS	Koradi 9	59.12%	58.42%	61.63%	67.76%	73.85%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%
25	Koradi TPS	Koradi10	57.55%	59.97%	62.06%	65.93%	71.86%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%
26	MSPGCL Under Case IV	MSPGCL Dhariwal												
27	Dodson	Dodson I												
28	Dodson	Dodson II												
Central Generating Stations														
1	KSTPS	Unit-I to VI	93.31%	93.31%	93.31%	93.31%	93.31%	91.74%	79.18%	77.32%	84.36%	75.09%	70.77%	85.23%
2	KSTPS III	-	95.33%	95.33%	95.33%	95.33%	95.33%	95.09%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%
3	VSTP I	Unit-I to VI	91.16%	91.60%	91.52%	89.70%	91.51%	90.68%	88.60%	91.06%	89.34%	87.91%	91.11%	76.92%
4	VSTP II	Unit-I, II	93.56%	93.56%	93.56%	93.56%	93.56%	76.94%	93.56%	93.56%	93.56%	93.56%	93.56%	93.48%
5	VSTP III	Unit-I, II	47.25%	76.29%	94.50%	94.50%	94.50%	77.71%	94.50%	94.50%	94.50%	94.50%	94.50%	94.50%
6	VSTP IV	Unit-I, II	95.07%	95.07%	95.07%	95.07%	95.07%	94.87%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%
7	VSTP V	Unit-I	0.00%	0.00%	0.00%	2.75%	89.49%	93.56%	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)	97.68%	97.68%	97.68%	97.68%	97.68%	93.23%	96.92%	91.90%	91.58%	91.58%	86.30%	91.58%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	96.65%	96.66%	96.70%	96.67%	96.67%	96.67%	96.48%	96.68%	96.67%	96.66%	96.68%	94.47%

[illegible]

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

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 Avarage Availability for the month (%)
State Generating Stations														
1	Bhusawal TPS	Bhusawal - 3	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%	99.47%
2	Bhusawal TPS	Bhusawal - 4	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3	Bhusawal TPS	Bhusawal - 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Khaparkhedda TPS	Khaparkhedda - 1 to 4	83.00%	87.82%	89.62%	96.30%	96.28%	91.65%	85.89%	68.87%	81.41%	90.81%	88.99%	90.31%
5	Khaparkhedda TPS	Khaparkhedda - 5	96.69%	100.00%	100.00%	97.54%	98.68%	99.41%	98.59%	100.00%	96.35%	93.54%	97.97%	86.60%
6	Nashik TPS	Nashik- 3,4 & 5	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	96.75%	95.76%
7	Chandrapur TPS	Chandrapur - 3	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.87%	89.32%
8	Chandrapur TPS	Chandrapur - 4	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%	82.64%
9	Chandrapur TPS	Chandrapur - 5	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%	95.01%
10	Chandrapur TPS	Chandrapur - 6	95.01%	94.29%	95.01%	94.19%	95.01%	95.01%	87.42%	91.23%	95.01%	92.98%	92.77%	93.32%
11	Chandrapur TPS	Chandrapur - 7	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%	91.11%
12	Paras TPS	Paras - 3	96.51%	100.11%	99.27%	100.11%	99.60%	93.30%	100.11%	100.11%	100.11%	95.15%	79.17%	93.19%
13	Paras TPS	Paras - 4	100.11%	100.11%	100.11%	87.83%	100.11%	100.11%	97.39%	100.11%	100.11%	100.11%	93.50%	86.58%
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	41.50%	42.50%	42.29%	42.24%	42.23%	42.23%	42.39%	42.53%	42.18%	42.17%	42.33%	43.13%
19	MSPGCL Hydro	Hydro (Ghatghar)												
20	Parli TPS	Parli Replacement U	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
21	Chandrapur TPS	Chandrapur - 8	70.28%	94.16%	92.26%	93.71%	93.75%	93.91%	98.58%	98.05%	96.74%	98.63%	98.69%	76.83%

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

S. No.	Name of Station	Name of Unit	Actual Availability for the Day 20	Actual Availability for the Day 21	Actual Availability for the Day 22	Actual Availability for the Day 23	Actual Availability for the Day 24	Actual Availability for the Day 25	Actual Availability for the Day 26	Actual Availability for the Day 27	Actual Availability for the Day 28	Actual Availability for the Day 29	Actual Availability for the Day 30	Actual Average Availability for the month (%)
22	Chandrapur TPS	Chandrapur - 9	93.87%	93.85%	95.36%	89.29%	77.11%	92.84%	91.37%	92.15%	89.57%	83.90%	86.18%	83.09%
23	Koradi TPS	Koradi R U-8	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	79.51%
24	Koradi TPS	Koradi 9	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	88.65%	79.07%
25	Koradi TPS	Koradi10	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	85.59%	76.62%
26	MSPGCL Under Case IV	MSPGCL Dhariwal												
27	Dodson	Dodson I												
28	Dodson	Dodson II												
Central Generating Stations														Maharashtra's share
1	KSTPS	Unit-I to VI	93.31%	82.81%	70.91%	79.09%	92.49%	92.78%	93.31%	93.31%	93.31%	93.31%	93.31%	88.68%
2	KSTPS III	-	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.33%	95.06%
3	VSTP I	Unit-I to VI	77.29%	89.92%	89.09%	89.70%	90.62%	88.69%	74.71%	82.51%	89.64%	86.72%	86.97%	87.72%
4	VSTP II	Unit-I, II	93.56%	93.56%	93.56%	93.56%	93.16%	93.56%	93.56%	93.56%	93.27%	93.56%	93.56%	89.72%
5	VSTP III	Unit-I, II	94.50%	72.87%	47.25%	47.25%	47.25%	47.25%	47.52%	47.25%	47.25%	47.25%	85.81%	67.11%
6	VSTP IV	Unit-I, II	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.07%	95.00%
7	VSTP V	Unit-I	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	93.74%	66.29%
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)	91.67%	91.58%	93.17%	97.68%	97.14%	94.38%	94.38%	94.63%	94.63%	94.57%	95.68%	95.02%
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	96.63%	88.50%	64.11%	94.85%	96.65%	96.67%	96.68%	96.70%	96.49%	96.45%	96.46%	95.06%

Form 2: Station wise normative Vs actual Availability[illegible]

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

S. No.	Name of Station	Name of Unit	Actual Avarage Availabilit y for the month (%)	Reasons for lower Availability	Efforts taken to improve Availabilit y
State Generating Stations					
1	Bhusawal TPS	Bhusawal - 3			
2	Bhusawal TPS	Bhusawal - 4			
3	Bhusawal TPS	Bhusawal - 5			
4	Khaparkheda TPS	Khaparkheda - 1 to 4		Khaperkheda U-3, Under forced outage from 18.4.20 to 19.04.20 & from 26.04.20 to 28.04.20	
5	Khaparkheda TPS	Khaparkheda - 5		Khaperkheda U-5, Under forced outage from 10.4.20 to 12.04.20	
6	Nashik TPS	Nashik- 3,4 & 5		Power is schedule from Dhariwal U-1 under Case-IV agreement	
7	Chandrapur TPS	Chandrapur - 3			
8	Chandrapur TPS	Chandrapur - 4		Chandrapur U-4 under zero schedule throughout the month & generator has declared less availability	
9	Chandrapur TPS	Chandrapur - 5			
10	Chandrapur TPS	Chandrapur - 6		Chandrapur U-6 under zero schedule from 29.03.2020 to 18.04.2020 & unit taken on bar on 18.04.2020 at 19:45 hrs, but due tostabilizationproblem of units MSPGCL has declared less	
11	Chandrapur TPS	Chandrapur - 7			
12	Paras TPS	Paras - 3		Under forced outage on 07.04.20 & 17.04.20. On 1st ,4th - Generator declared less availability due to Poor Coal Quality and 15th, 30th - Generator declared less availability due to Poor Coal Quality & Coal Handling Plant Bunkering problem	
13	Paras TPS	Paras - 4		under forced outage from 05.04.20 to 08.04.20 & on 23.04.20. On 1st, 4th - Generator declared less availability due to Poor Coal Quality, on 15th - Generator declared less availability due to Poor Coal Quality & Coal Handling Plant Bunkering problem and 17th - Coal Handling Plant Belt	
14	Parli TPS	Parli - 6			
15	Parli TPS	Parli - 7			
16	Koradi TPS	Koradi - 6			
17	Koradi TPS	Koradi - 7			
18	GTPS Uran	GTPS Uran		Lower gas availability	
19	MSPGCL Hydro	Hydro (Ghatghar)			
20	Parli TPS	Parli Replacement U			
21	Chandrapur TPS	Chandrapur - 8		Under forced outage from 04.4.20 to 09.04.20 & 19.04.20 to 20.04.20, On 14.04.2020 , Generator declared less availabilitv due to Poor Coal Quality	

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

S. No.	Name of Station	Name of Unit	Actual Avarage Availability for the month (%)	Reasons for lower Availability	Efforts taken to improve Availability
22	Chandrapur TPS	Chandrapur - 9		under forced outage from 06.4.20 to 09.04.20. From 1 to 4, Generator declared less availability due to Poor Coal Quality. On 23rd - Generator declared less availability due to Poor Coal Quality and 24th, 28 to 30, - Generator declared less availability due to Poor Coal Quality & CW Pump	
23	Koradi TPS	Koradi R U-8		Low GCV coal , washed coal /	
24	Koradi TPS	Koradi 9		imported coal as per approved fuel plan not available presently	
25	Koradi TPS	Koradi10			
26	MSPGCL Under Case IV	MSPGCL Dhariwal		Reply: Geneerator has declared less availability dur to fly ash disposal	
27	Dodson	Dodson I			
28	Dodson	Dodson II			
Central Generating Stations			Plant Availability as per REA		
1	KSTPS	Unit-I to VI	98.06	U-2,3 were under forced outage between 13.04.20 to 16.04.2020, U-5 & 6 were under forced outagebetween 15.04.20 to 19.04.20. U#2 was withdrawn at 8:40 hrs. due to RTI	
2	KSTPS III	-	101.20		
3	VSTP I	Unit-I to VI	95.96	U-4 under ouatge on 03, 04, 25 & 26 April and U3 under outage on 19 & 20 April. U#3 withdrawn due to Boiler tube	
4	VSTP II	Unit-I, II	101.22	VSTPS U-8 under forced outage U#8 withdrawn due to Boiler tube leakage U#10 withdrawn for planned	
5	VSTP III	Unit-I, II	73.67	U-2 01.04.20 to 09.04.20 and 21.04.20 to 30.04.20	
6	VSTP IV	Unit-I, II	103.00		
7	VSTP V	Unit-I	72.87	Unit under outage from 03.04.20 to 11.04.20	
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST- I C), UNIT-VI (ST- 2 C)	97.85		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	97.64		

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

S. No.	Name of Station	Name of Unit	Actual Avarage Availabilit y for the month (%)	Reasons for lower Availability	Efforts taken to improve Availabilit y
10	KhSTPS-II	Unit-I to III	84.66	KhSTPS U-7 under outage from 1 to 3 April and KhSTPS U-6 under outage from 24 to 30 April. BTL	
11	SIPAT TPS 2	Unit-I, II	102.30		
12	SIPAT TPS 1	Unit-I to III	88.51	U-3 under forced outage on 03 & 04 April, U-2 under forced outage between 17.04.20 to 25.04.20 Unit-3 s/d to attend BTL 3-4th April, unit-2 s/d for FW leakage and hydrotest 17-21 April, unit-1 s/d to attend BTL 21-22 April, unit-2 s/d to attend BTL 22-23 April	
13	Mauda I	Unit-I, II	100.00		
14	Mauda II	Unit-I, II	100.00		
15	NTPC Solapur 2	-			
16	NTPC Solapur	Unit-I, II	100.00		
17	Lara	Unit-I	99.22		
18	Gadarwara	Unit-I	102.27		
19	Khargone	Unit-I, II	100.53		
20	KAPP				
21	TAPP 1&2				
22	TAPP 3&4				
	Total				
IPPs					
1	JSW Ratnagiri	Unit 1		On 1st April Generator has declared less availability due to silica gel restriction	
2	CGPL Mundra	Unit 10 to 50		U-1 withdrawn from 21.03.20 to 01.04.20 for non signing of PPA & U-5 under froced ouatge from 21.03.20 to 04.04.20, U-3 under outage from 16.03.2020 to 03.05.2020	
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5		U-1 under forced outage from 25.04.20 to 28.04.20	
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		U-3 under forced outgae from 6.04.20 to 10.04.20	
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5			
7	GMR Energy Limited	Unit 1		Unit-2 under RSD due to no schedule from other buyer i.e DNH, hence power was scheduled from on-bar unit-1 to MSEDCL & Tamilnadu on the	
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5			
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6			

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 3: Station wise fuel availability for the month

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel Required for normative generation (MT)	Fuel made available by fuel supplier (MT)	Actual Availability of fuel at plant (MT)	Reasons for lower Availability	Efforts taken to improve Availability
State Generating Stations									
1	Bhusawal TPS	Bhusawal - 3	210	210	1,03,575.05	7826	415287		
2	Bhusawal TPS	Bhusawal - 4	500	500	2,23,285.98	7826	415287		
3	Bhusawal TPS	Bhusawal - 5	500	500	2,23,285.98				
4	Khaparkheda TPS	Khaparkheda - 1 to	840	840	4,15,396.55	240063	577365		
5	Khaparkheda TPS	Khaparkheda - 5	500	500	2,23,285.98	138315	375743		
6	Nashik TPS	Nashik- 3,4 & 5	630	420	3,07,045.96	0	223148		
7	Chandrapur TPS	Chandrapur - 3	210	210	99,895.85				
8	Chandrapur TPS	Chandrapur - 4	210	210	99,895.85				
9	Chandrapur TPS	Chandrapur - 5	500	500	2,37,847.27	471545	1148565		
10	Chandrapur TPS	Chandrapur - 6	500	500	2,37,847.27				
11	Chandrapur TPS	Chandrapur - 7	500	500	2,37,847.27				
12	Paras TPS	Paras - 3	250	250	1,14,228.41				
13	Paras TPS	Paras - 4	250	250	1,14,228.41	201357	424614		
14	Parli TPS	Parli - 6	250	250	1,14,228.41				
15	Parli TPS	Parli - 7	250	250	1,14,228.41	55946	171888		
16	Koradi TPS	Koradi - 6	210	210	87,698.75	0	156098		
17	Koradi TPS	Koradi - 7	210	210	87,698.75				
18	GTPS Uran	GTPS Uran	672	672	-	49	49	GT-8 not available during the month.GT-5 not available	
19	MSPGCL Hydro	Hydro (Ghatghar)	2585	2,585	-	0	0		
20	Parli TPS	Parli Replacement U	250	250	1,14,228.41	29677	132080		
21	Chandrapur TPS	Chandrapur - 8	500	500	2,23,285.98				
22	Chandrapur TPS	Chandrapur - 9	500	500	2,23,285.98	517203	562256		
23	Koradi TPS	Koradi R U-8	660	660	2,76,743.00				
24	Koradi TPS	Koradi 9	660	660	2,76,743.00	456854	723620		
25	Koradi TPS	Koradi 10	660	660	2,76,743.00				
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185					
27	Dodson	Dodson I	12	12					
28	Dodson	Dodson II	34	34					
Central Generating Stations									
1	KSTPS	Unit-I to VI	2100	635	8,58,101.31	1318213	1851062		
2	KSTPS III	-	500	120	2,00,276.68				
3	VSTP I	Unit-I to VI	1260	432	4,37,776.18				
4	VSTP II	Unit-I, II	1000	336	3,34,553.21				
5	VSTP III	Unit-I, II	1000	275	3,31,698.36	1948907	3043876		
6	VSTP IV	Unit-I, II	1000	294	3,27,373.79				
7	VSTP V	Unit-I	500	161	1,65,451.71				
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-	645	204		54654	54654		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		26067	26067		
10	KhSTPS-II	Unit-I to III	1500	148	6,24,237.33	1194884	1948751		
11	SIPAT TPS 2	Unit-I, II	1,000	274	3,93,787.21	1547177	1759328		
12	SIPAT TPS 1	Unit-I to III	1,980	556	7,56,007.57				
13	Mauda I	Unit-I, II	1000	394	3,57,286.89	57625	1091580		
14	Mauda II	Unit-I, II	1320	531	4,47,818.23				
15	NTPC Solapur 2	-	-		-				
16	NTPC Solapur	Unit-I, II	1320	642	4,05,969.28	0	429178		
17	Lara	Unit-I	800	114	2,95,261.57	184249	336252		
18	Gadarwara	Unit-I	800	25	2,42,922.35	0	215580		

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 3: Station wise fuel availability for the month

S. No.	Name of Station	Name of Unit	Installed Capacity (MW)	Contracted Capacity (MW)	Fuel Required for normative generation (MT)	Fuel made available by fuel supplier (MT)	Actual Availability of fuel at plant (MT)	Reasons for lower Availability	Efforts taken to improve Availability
19	Khargone	Unit-I, II	1320	50	4,04,191.80	71640	335960		
20	KAPP		440	152					
21	TAPP 1&2		320	160					
22	TAPP 3&4		1080	393					
IPPs									
1	JSW Ratnagiri	Unit 1	300	300	79,408.59	164328.86	500363.86	NA	NA
2	CGPL Mundra	Unit 10 to 50	4000	760	1,76,085.89	504073	1033077	NA	NA
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	3300	125	#####	1121231	1730112	NA	NA
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	3300	1320					
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	3300	1200					
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5	3300	440					
7	GMR Energy Limited RattanIndia Amravati	Unit 1	300	200	71,660.64	94140	321971.57		
8	Power station 450 MW PPA	Unit 1 to 5	1320	450	15,314.18	823000	1650059	NA	NA
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	1320	750	2,61,313.39				

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

Sr. No.	Name of Generating Station	Name of Units	Fuel Requirement of Each Unit/Station (MT. MCM)	Actual Fuel Availability of Each Unit/Station (MT. MCM)	Per Unit variable cost of Generation of Unit	Plant Load Factor for the month	Whether option of Swapping of Fuel Source / tolling of fuel has been used for Optimizing Cost	In Case PLF of least cost generator is lower than costly generator, reasons for the
			Fuel type	Fuel type	Rs/kWh	%		
State Generating Stations								
1	Bhusawal TPS	Bhusawal - 3	103575.055	415287	3.915	0%		Installed
2	Bhusawal TPS	Bhusawal - 4	223285.985	415287	3.267	0%		
3	Bhusawal TPS	Bhusawal - 5	223285.985					
4	Khaparkheda TPS	Khaparkheda - 1 to 4	415396.545	577365	2.825	41%		
5	Khaparkheda TPS	Khaparkheda - 5	223285.985	375743	2.422	66%		
6	Nashik TPS	Nashik- 3,4 & 5	307045.964	223148	3.394	0%		
7	Chandrapur TPS	Chandrapur - 3	99895.855	1148565	2.769	9.88%		
8	Chandrapur TPS	Chandrapur - 4	99895.855					
9	Chandrapur TPS	Chandrapur - 5	237847.273					
10	Chandrapur TPS	Chandrapur - 6	237847.273					
11	Chandrapur TPS	Chandrapur - 7	237847.273					
12	Paras TPS	Paras - 3	114228.409	424614	2.863	87%		
13	Paras TPS	Paras - 4	114228.409					
14	Parli TPS	Parli - 6	114228.409	171888	4.000	0%	8450 MT coal was received from Parli	
15	Parli TPS	Parli - 7	114228.409				g	
16	Koradi TPS	Koradi - 6	87698.749	156098	3.136	0%	20599.46 MT coal issued to Koradi 8to10 TPS and	

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

Sr. No.	Name of Generating Station	Name of Units	Fuel Requirement of Each Unit/Station (MT. MCM)	Actual Fuel Availability of Each Unit/Station (MT. MCM)	Per Unit variable cost of Generation of Unit	Plant Load Factor for the month	Whether option of Swapping of Fuel Source / tolling of fuel has been used for Optimizing Cost	In Case PLF of least cost generator is lower than costly generator, reasons for the
			Fuel type	Fuel type	Rs/kWh	%		
17	Koradi TPS	Koradi - 7	87698.749	156678	3.150	0%	2483.41 MT was received from Koradi 8to10.	Capacity of Lara is 800 MW out of which contracted capacity of MSEDCL is 114 MW which is only 14.25% whereas whole capacity of Khaparkheda 5 i.e. 500MW is contracted by MSEDCL. The PLF of Lara depends upon schedules received from all the beneficiaries. Even if, one beneficiary gives full schedule, the operation of units depends on
18	GTPS Uran	GTPS Uran	-	49	1.753	43%		
19	MSPGCL Hydro	Hydro (Ghatghar)	-	0				
20	Parli TPS	Parli Replacement U 8	114228.409	132080	3.830	0%	8450 MT coal was issued to Parli 6-7.	
21	Chandrapur TPS	Chandrapur - 8	223285.985	562256	2.546	79%		
22	Chandrapur TPS	Chandrapur - 9	223285.985					
23	Koradi TPS	Koradi R U-8	276743.000	723620	2.949	22%	20599.46 MT coal received from Koradi 6-7 TPS and 2483.41 MT was issued to Koradi 6-	
24	Koradi TPS	Koradi 9	276743.000				DIL is supplying power under Case IV	
25	Koradi TPS	Koradi10	276743.000					
26	MSPGCL Under Case IV	MSPGCL Dhariwal			2.889	96.23		
27	Dodson	Dodson I						
28	Dodson	Dodson II						
Central Generating Stations								
1	KSTPS	Unit-I to VI	858101.31	1851062	1.416	94.34		

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

Sr. No.	Name of Generating Station	Name of Units	Fuel Requirement of Each Unit/Station (MT. MCM)	Actual Fuel Availability of Each Unit/Station (MT. MCM)	Per Unit variable cost of Generation of Unit	Plant Load Factor for the month	Whether option of Swapping of Fuel Source / tolling of fuel has been used for Optimizing Cost	In Case PLF of least cost generator is lower than costly generator, reasons for the
			Fuel type	Fuel type	Rs/kWh	%		
2	KSTPS III	-	200276.68	1851002	1.393	93.79		other beneficiaries' schedule and plant will be operative if total schedule is more than technical minimum. Due to low demand caused by lockdown in the country owing to COVID-19, the PLF is low. In the month of Mar-20, the PLF of Lara was 74.36%. Considering the actual available generation from generating units with lower variable cost, MSSEDCL
3	VSTP I	Unit-I to VI	437776.18	3043876	1.769	89.13		
4	VSTP II	Unit-I, II	334553.21		1.704	94.17		
5	VSTP III	Unit-I, II	331698.36		1.692	67.93		
6	VSTP IV	Unit-I, II	327373.79		1.671	94.19		
7	VSTP V	Unit-I	165451.71		1.722	62.99		
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)		54654	APM : 1.97 N-APM : 2.048 RLNG : 2.918	54.21		
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)		26067	APM : 1.998 RLNG :	22.93		
10	KhSTPS-II	Unit-I to III	624237.33	1948751	2.143	83.96		
11	SIPAT TPS 2	Unit-I, II	393787.21	1759328	1.603	98.53		
12	SIPAT TPS 1	Unit-I to III	756007.57		1.555	84.96		
13	Mauda I	Unit-I, II	357286.89	1091580	2.862	0.00		
14	Mauda II	Unit-I, II	447818.23		2.876	0.00		
15	NTPC Solapur 2	-	-			0.00		

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

Sr. No.	Name of Generating Station	Name of Units	Fuel Requirement of Each Unit/Station (MT. MCM)	Actual Fuel Availability of Each Unit/Station (MT. MCM)	Per Unit variable cost of Generation of Unit	Plant Load Factor for the month	Whether option of Swapping of Fuel Source / tolling of fuel has been used for Optimizing Cost	In Case PLF of least cost generator is lower than costly generator, reasons for the
			Fuel type	Fuel type	Rs/kWh	%		
16	NTPC Solapur	Unit-I, II	405969.28	429178	3.286	0.00		schedules power to next high variable rate generator.
17	Lara	Unit-I	295261.57	336252	2.355	18.41		
18	Gadarwara	Unit-I	242922.35	215580	2.938	0.00		
19	Khargone	Unit-I, II	404191.80	335960	3.100	0.00		
20	KAPP							
21	TAPP 1&2							
22	TAPP 3&4							
IPPs								
1	JSW Ratnagiri	Unit 1	79408.59	5,00,364	2.1365	93.29%	NA	
2	CGPL Mundra	Unit 10 to 50	176085.89	10,33,077	1.948	66.75%		
3	Adani Power Maharashtra Limited	Unit 1, 4, 5	1026992.84	17,30,112	2.7562	90.36%		
4	Adani Power Maharashtra Limited	Unit No. 2 to 3			1.8027	83.02%		
5	Adani Power Maharashtra Limited	Unit 1, 4, 5			2.7562	90.36%		
6	Adani Power Maharashtra Limited	Unit 1, 4, 5			2.8162	67.23%		
7	GMR Energy Limited	Unit 1	71660.64	3,21,972	2.3836	76.84%		
8	RattanIndia Amravati Power station 450 MW	Unit 1 to 5	15314.18	16,50,059	NA (0 units generated)	0.00%	NA	
9	RattanIndia Amravati Power station 750 MW	Unit 1 to 6	261313.39			0.00%		

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
18	GTPS Uran	GTPS Uran	672	672	85%	2.255	7.58	6.65	6.59	6.57	6.59	7.98	8.32	6.70	6.56	6.68	6.53
19	MSPGCL Hydro	Hydro (Ghatghar)	2585	2585	90%												
20	Parli TPS	Parli Replacement U 8	250	250	85%	3.1897											
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.9957	11.28	10.13	10.12	10.10	6.82	-0.09	-0.03	-0.14	-0.12	3.25	10.33
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.9957	11.28	9.60	10.20	9.43	9.98	10.24	6.55	-0.27	-0.27	5.98	10.35
23	Koradi TPS	Koradi R U-8	660	660	85%	3.2439											
24	Koradi TPS	Koradi 9	660	660	85%	3.2439											
25	Koradi TPS	Koradi 10	660	660	85%	3.2439											
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		2.889		3.62	3.61	3.62	3.80	3.62	4.42	4.46	4.44	4.46	4.45
27	Dodson	Dodson I	12	12													
28	Dodson	Dodson II	34	34													
Central Generating Stations																	
1	KSTPS	Unit-I to VI	2100	635	85%	1.5268											
2	KSTPS III	-	500	120	85%	1.4918											
3	VSTP I	Unit-I to VI	1260	432	85%	1.9126											
4	VSTP II	Unit-I, II	1000	336	85%	1.8218											
5	VSTP III	Unit-I, II	1000	275	85%	1.8033											
6	VSTP IV	Unit-I, II	1000	294	85%	1.7801											
7	VSTP V	Unit-I	500	161	85%	1.8495											
8	Kawas	UNIT-I (GT-I A), UNIT-II (GT-I B), UNIT-III (GT-2 A), UNIT-IV (GT-2 B), UNIT-V (ST-1 C), UNIT-VI (ST-2 C)	645	204		APM: 2.0174 N-APM: 2.1091 RLNG: 7.5602 RLNG-C: 7.5602											
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST-1)	648	200		APM: 2.0531 N-APM: 2.3231 RLNG: 7.5602											
10	KhSTPS-II	Unit-I to III	1500	148	85%	2.2113											
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	85%	1.6363											
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	85%	1.5908											
13	Mauda I	Unit-I, II	1000	394	85%	3.2267											
14	Mauda II	Unit-I, II	1320	531	85%	3.1928											
15	NTPC Solapur 2	-	-														
16	NTPC Solapur	Unit-I, II	1320	642	85%	3.2779											
17	Lara	Unit-I	800	114	85%	2.5444											
18	Gadarwara	Unit-I	800	25	85%	3.2192											
19	Khargone	Unit-I, II	1320	50	85%	3.1198											
20	KAPP		440	152													
21	TAPP 1&2		320														

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
18	GTPS Uran	GTPS Uran	6.52	6.59	6.58	6.52	6.58	6.57	6.57	6.54	6.50	6.41	6.56	6.54	6.53	6.52	6.55
19	MSPGCL Hydro	Hydro (Ghatghar)															
20	Parli TPS	Parli Replacement U 8															
21	Chandrapur TPS	Chandrapur - 8	10.21	10.49	10.46	9.38	10.22	10.08	9.97	10.47	9.26	6.97	9.69	10.19	10.50	10.52	9.93
22	Chandrapur TPS	Chandrapur - 9	10.67	10.71	10.58	10.44	10.70	10.46	10.79	10.54	9.37	9.73	9.67	10.44	10.12	8.70	9.72
23	Koradi TPS	Koradi R U-8															
24	Koradi TPS	Koradi 9															
25	Koradi TPS	Koradi10															
26	MSPGCL Under Case IV	MSPGCL Dhariwal	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.42	4.23	4.28	4.24	4.45	4.45	4.45	4.22
27	Dodson	Dodson I															
28	Dodson	Dodson II															
Central Generating Stations																	
1	KSTPS	Unit-I to VI															
2	KSTPS III	-															
3	VSTP I	Unit-I to VI															
4	VSTP II	Unit-I, II															
5	VSTP III	Unit-I, II															
6	VSTP IV	Unit-I, II															
7	VSTP V	Unit-I															
8	Kawas	UNIT-I (GT-1 A), UNIT-II (GT-1 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-1)															
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 1	6.91	6.91	6.91	6.90	6.89	6.88	6.92	6.89	5.98	6.79	6.32	6.87	6.90	6.91	6.49
2	CGPL Mundra	Unit 1 to 5	13.27	12.67	12.68	12.77	12.55	13.17	12.65	11.76	12.29	11.42	12.37	12.88	12.73	12.33	11.85
3	Adani Power Maharashtra Limited 125MW PPA	Unit 1, 4, 5	2.76	2.82	2.69	2.78	2.88	2.76	2.84	2.84	2.91	2.93	2.86	2.91	2.91	2.80	1.94
4	Adani Power Maharashtra Limited 1320 MW PPA	Unit No. 2 to 3	26.32	28.18	26.70	27.53	28.03	27.20	27.66	28.01	28.19	28.48	29.93	29.18	27.84	28.16	27.49
5	Adani Power Maharashtra Limited 1200 MW PPA	Unit 1, 4, 5	26.48	27.08	25.83	26.72	27.61	26.54	27.28	27.24	27.90	28.13	27.46	27.95	27.97	26.89	18.62
6	Adani Power Maharashtra Limited 440 MW PPA	Unit 1, 4, 5	8.19	9.98	9.46	9.51	9.84	8.50	10.37	9.71	3.78	5.74	6.31	7.41	10.38	9.60	4.76
7	GMR Energy Limited	Unit 1	3.79	3.79	3.79	3.77	3.59	4.00	3.72	3.74	3.51	3.58	3.63	3.74	3.61	3.39	3.49
8	RattanIndia Amravati Power station 450 MW PPA	Unit 1 to 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	RattanIndia Amravati Power station 750 MW PPA	Unit 1 to 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Short Term Bilateral*																
	Short Term Powe		34.03	46.43	34.71	36.50	31.26	32.90	31.66	33.93	43.78	43.13	41.55	35.90	35.22	35.63	41.93
	Total																

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 month (MU)	Reasons for lower generation	In Case generation from least cost generator is not fully utilised before scheduling power from costly generator, reasons for the same
State Generating Stations										
1	Bhusawal TPS	Bhusawal - 3						-1.47	Zero Schedule	
2	Bhusawal TPS	Bhusawal - 4						-3.27	Zero Schedule	
3	Bhusawal TPS	Bhusawal - 5							Zero Schedule	
4	Khaparkhedha TPS	Khaparkhedha - 1	-0.01	-0.01	-0.01	-0.01	-0.01	219.21	Generation is less due to the following reasons: 1> Units withdrawn due to RSD a) U-1 (66.873 % - 20 days) b) U-2 (46.998 % - 14 days) c) U-3 (36.660 % - 11 days) d) U-4 (39.718 % - 12 days) e) U-1 to 4 (47.562 % - 14 days) 2> Partial loading on account of Backing down (10.21 MU's - 1.69%) and PCQ+Ex. PCQ (36.85 MU's - 6.09%) 3> Unit-3 withdrawn due to BTL-2 Nos. (17.08 MU's - 2.82%) Note: Major factors contributing due to less generation was i) External Factors (Partial + Tolls) as (L.DDD - 40.25%)	DUE TO COLLAPSE OF DC TOWERS OF 400KV CHPR ii- NANDED CKT-II (CKT-I UNDER SHUTDOWN ALREADY) AND C'PUR-PARALI CKT-III , 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) KEPT ON BAR FOR SUPPORT TO THE GRID, EVEN IF COSTLIER THAN K'KHEDA U-1 TO 4. AND K'KHEDA U-1&2 W/DN UNDER ZERO SCHEDULE DUE TO DROP IN DEMAND IN VIEW OF COVID-19.
		Khaparkhedha - 2	3.75	3.78	3.80	3.90	4.08			
		Khaparkhedha - 3	2.76	-0.06	2.50	3.97	3.55			
		Khaparkhedha - 4	3.88	3.80	3.61	3.69	3.78			
5	Khaparkhedha TPS	Khaparkhedha - 5	10.69	10.69	10.36	10.30	10.37	221.45	Due to less generation because RSD (LD) loss is 59.042 MUs and BTL loss is 27.325 MUs. And also partial loss is 37.426 MUs. Total is 123.793 MUs.	
6	Nashik TPS	Nashik- 3	-0.02	-0.01	-0.02	-0.02	-0.01	-1.38	Low System Demand	
		Nashik- 4	-0.02	-0.01	-0.02	-0.02	-0.02		Low System Demand	
		Nashik- 5	-0.02	-0.01	-0.02	-0.02	-0.01		Tolling of Coal to IPP under C	
7	Chandrapur TPS	Chandrapur - 3	-0.03	-0.04	-0.05	-0.03	-0.05		Zero Schedule	
8	Chandrapur TPS	Chandrapur - 4	-0.03	-0.04	-0.03	-0.03	-0.05		Zero Schedule	
9	Chandrapur TPS	Chandrapur - 5	-0.10	-0.07	-0.11	-0.10	-0.10		Zero Schedule	
10	Chandrapur TPS	Chandrapur - 6	9.44	9.74	9.99	9.92	9.78	115.32	Zero Schedule	DUE TO COLLAPSE OF DC TOWERS OF 400KV CHPR ii- NANDED CKT-II (CKT-I UNDER SHUTDOWN ALREADY) AND C'PUR-PARALI CKT-III , 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) KEPT ON BAR FOR SUPPORT TO THE GRID, EVEN IF COSTLIER THAN K'KHEDA U-1 TO 4. AND K'KHEDA U-1&2 W/DN UNDER ZERO
11	Chandrapur TPS	Chandrapur - 7	-0.11	-0.12	-0.10	-0.10	-0.16		Zero Schedule	
12	Paras TPS	Paras - 3	5.30	5.45	5.15	5.02	4.12	284.91		
13	Paras TPS	Paras - 4	5.15	5.52	5.36	5.46	5.10			
14	Parli TPS	Parli - 6						-1.96		
15	Parli TPS	Parli - 7								
16	Koradi TPS	Koradi - 6						-2.08		
17	Koradi TPS	Koradi - 7								

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-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 (Apr-20)	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	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	3.2768	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	3.2768	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	3.1278	NA	NA	U-1: 1) 01.04.2020 2) 22.04.2020 U-2: 3) 01.04.2020 4) 22.04.2020	U-1 1) 11.04.2020 2) 30.04.2020 U-2: 3) 11.04.2020 4) 25.04.2020	U-1: 1) Less demand and Market power available at cheaper rate. 2) MSEDCL given Zero schedule to Chnadrapur U-6 (500MW) on 22.04.2020 but SLDC rejected same citing Transmission constraint on 400KV Parli-ParliPG line. Hence MSEDCL given zero schedule to Khaparkheda U-1 & 2 instaed due to lower demand. U-2: 3) Less demand and Market power available at cheaper rate. 4) MSEDCL given Zero schedule to Chnadrapur U-6 (500MW) on 22.04.2020 but SLDC rejected same citing Transmission constraint on 400KV Parli-ParliPG line. Hence MSEDCL given zero schedule to Khaparkheda U-1 & 2 instaed due to lower demand. U-3: 5) Less demand and Market power available at cheaper rate. U-4:
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	3.0793	NA	NA	01.04.2020	05.04.2020	Less demand and Market power available at cheaper rate.
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	4.1212	NA	NA	U-3 & 4: 01.04.2020 1) 01.04.2020	U-3 & 4: 30.04.2020 1) 30.04.2020	Less demand and Market power available at cheaper rate.
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	3.1486	NA	NA	01.04.2020 2) 11.04.2020	07.04.2020 2) 30.04.2020	Less demand and Market power available at cheaper rate.
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	3.1486	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	3.1486	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	3.1486	NA	NA	01.04.2020	18.04.2020	Less demand and Market power available at cheaper rate. But MSEDCL given Zero schedule again on 22.04.2020 but SLDC rejected same citing Transmission constraint on 400KV Parli-ParliPG line.
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	3.1486	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
12	Paras TPS	Paras - 3	250	250	85%	2.9186	NA	NA	NA	NA	
13	Paras TPS	Paras - 4	250	250	85%	2.9186	NA	NA	NA	NA	
14	Parli TPS	Parli - 6	250	250	85%	3.3399	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
15	Parli TPS	Parli - 7	250	250	85%	3.3399	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
16	Koradi TPS	Koradi - 6	210	210	72%	3.7784	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
17	Koradi TPS	Koradi - 7	210	210	72%	3.7784	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
18	GTPS Uran	GTPS Uran	672	672	85%	2.255	NA	NA	NA	NA	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%		NA	NA	NA	NA	
20	Parli TPS	Parli Replacement U 8	250	250	85%	3.1897	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	2.9957	NA	NA	NA	NA	
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	2.9957	NA	NA	NA	NA	
23	Koradi TPS	Koradi R U-8	660	660	85%	3.2439	NA	NA	12.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
24	Koradi TPS	Koradi 9	660	660	85%	3.2439	NA	NA	12.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
25	Koradi TPS	Koradi10	660	660	85%	3.2439	NA	NA	12.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-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 stak approved by SLDC (Apr-20)	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	
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		2.889					
27	Dodson	Dodson I	12	12							
28	Dodson	Dodson II	34	34							
Central Generating Stations											
1	KSTPS	Unit-I to VI	2100	635	85%	1.5268	NA	NA	NA	NA	
2	KSTPS III	-	500	120	85%	1.4918	NA	NA	NA	NA	
3	VSTP I	Unit-I to VI	1260	432	85%	1.9126	NA	NA	NA	NA	
4	VSTP II	Unit-I, II	1000	336	85%	1.8218	NA	NA	NA	NA	
5	VSTP III	Unit-I, II	1000	275	85%	1.8033	NA	NA	NA	NA	
6	VSTP IV	Unit-I, II	1000	294	85%	1.7801	NA	NA	NA	NA	
7	VSTP V	Unit-I	500	161	85%	1.8495	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: 2.0174 N-APM: 2.1091 RLNG: 7.5602 RLNG-C: 2.9548	NA	NA	U-1B: 1) 03.04.2020 U-2A: 2) 30.04.2020 U-2B: 3) 18.04.2020 U-1B: 1) 05.04.2020 U-2A: 2) 30.04.2020 U-2B: 3) 30.04.2020		Schedule from other beneficiaries less than Tech. Minimum
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		APM: 2.0531 N-APM: 2.3231 RLNG: 7.2412 RLNG-C: 3.0567	NA	NA	U-1: 1) 01.04.2020 2) 24.04.2020 U-GT2: 1) 03.04.2020 2) 23.04.2020 U-1: 1) 21.04.2020 2) 30.04.2020 U-GT2: 1) 05.04.2020 2) 30.04.2020		Schedule from other beneficiaries less than Tech. Minimum
10	KhSTPS-II	Unit-I to III	1500	148	85%	2.2113	NA	NA	NA	NA	
11	SIPAT TPS 2	Unit-I, II	1,000.000	274	85%	1.6363	NA	NA	NA	NA	
12	SIPAT TPS 1	Unit-I to III	1,980.000	556	85%	1.5908	NA	NA	NA	NA	
13	Mauda I	Unit-I, II	1000	394	85%	3.2267	NA	NA	U-1 & 2: 01.04.2020	U-1 & 2: 30.04.2020	Less demand and Market power available at cheaper rate.
14	Mauda II	Unit-I, II	1320	531	85%	3.1928	NA	NA	U-1 & 2: 01.04.2020	U-1 & 2: 30.04.2020	Less demand and Market power available at cheaper rate.
15	NTPC Solapur 2	-	-		85%		NA	NA			
16	NTPC Solapur	Unit-I, II	1320	642	85%	3.2779	NA	NA	U-1 & 2: 01.04.2020	U-1 & 2: 30.04.2020	Less demand and Market power available at cheaper rate.
17	Lara	Unit-I	800	114	85%	2.5444	NA	NA	1) 01.04.2020 2) 23.04.2020	1) 12.04.2020 2) 30.04.2020	Schedule from other beneficiaries less than Tech. Minimum
18	Gadarwara	Unit-I	800	25	85%	3.2192	NA	NA	01.04.2020	30.04.2020	Less demand and Market power available at cheaper rate.
19	Khargone	Unit-I, II	1320	50	85%	3.1198	NA	NA	U-1: 1) 01.04.2020 2) 04.04.2020	U-1: 1) 30.04.2020 2) 30.04.2020	1) Schedule from other beneficiaries less than Tech. Minimum 2) NTPC has declared COD of Khargone U-2 from 00:00 Hrs of 04.04.2020. Schedule from other beneficiaries less than Tech. Minimum: hence withdrawn under RSD

Maharashtra State Electricity Distribution Co. Ltd.

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

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

[illegible]

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

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/W ind /Solar)	Variable Rate as per MoD stak approved by SLDC (01-04-20 to 11-04-20)	Scheduled Energy Generation from 01-04-20 to 11-04-20(Mus)	Variable Rate as per MoD stak approved by SLDC (12-04-20 to 30-04-20)	Scheduled Energy Generation from 12-04-20 to 30-04-20(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	-1.47	
2	Bhusawal TPS	Bhusawal - 4	500	500	85%	Coal	3.20	0.00	3.28	0.00	0.00	-3.27	
3	Bhusawal TPS	Bhusawal - 5	500	500	85%	Coal	3.20	0.00	3.28	0.00	0.00		
4	Khaparkheda TPS	Khaparkheda - 1 to 4	840	840	85%	Coal	3.12	0.00	3.13	222.75	222.75	219.21	
5	Khaparkheda TPS	Khaparkheda - 5	500	500	85%	Coal	3.07	44.69	3.08	177.77	222.46	221.45	
6	Nashik TPS	Nashik- 3,4 & 5	630	420	80%	Coal	4.38	0.00	4.12	0.00	0.00	-1.38	
7	Chandrapur TPS	Chandrapur - 3	210	210	80%	Coal	3.10	12.94	3.15	0.00	12.94		
8	Chandrapur TPS	Chandrapur - 4	210	210	80%	Coal	3.10	0.00	3.15	0.00	0.00		
9	Chandrapur TPS	Chandrapur - 5	500	500	80%	Coal	3.10	0.00	3.15	0.00	0.00		
10	Chandrapur TPS	Chandrapur - 6	500	500	80%	Coal	3.10	0.00	3.15	112.70	112.70		
11	Chandrapur TPS	Chandrapur - 7	500	500	80%	Coal	3.10	0.00	3.15	0.00	0.00		
12	Paras TPS	Paras - 3	250	250	85%	Coal	3.00	54.30	2.92	95.10	149.41		
13	Paras TPS	Paras - 4	250	250	85%	Coal	3.00	41.70	2.92	97.16	138.86		
14	Parli TPS	Parli - 6	250	250	85%	Coal	3.36	0.00	3.34	0.00	0.00		
15	Parli TPS	Parli - 7	250	250	85%	Coal	3.36	0.00	3.34	0.00	0.00	-1.96	
16	Koradi TPS	Koradi - 6	210	210	72%	Coal	3.78	0.00	3.78	0.00	0.00		
17	Koradi TPS	Koradi - 7	210	210	72%	Coal	3.78	0.00	3.78	0.00	0.00	-2.08	
18	GTPS Uran	GTPS Uran	672	672	85%	Gas	2.25	76.60	2.26	125.65	202.25	199.94	
19	MSPGCL Hydro	Hydro (Ghatghar)	2,585	2,585	90%	Hydro						574.10	
20	Parli TPS	Parli Replacement U 8	250	250	85%	Coal	3.19	0.00	3.19	0.00	0.00	-1.36	
21	Chandrapur TPS	Chandrapur - 8	500	500	85%	Coal	2.99	61.59	3.00	192.17	253.75		
22	Chandrapur TPS	Chandrapur - 9	500	500	85%	Coal	2.99	83.99	3.00	190.74	274.73		
23	Koradi TPS	Koradi R U-8	660	660	85%	Coal	2.95	106.53	3.24	0.00	106.53		
24	Koradi TPS	Koradi 9	660	660	85%	Coal	2.95	104.61	3.24	0.55	105.15		
25	Koradi TPS	Koradi10	660	660	85%	Coal	2.95	102.15	3.24	1.05	103.21		
26	MSPGCL Under Case IV	MSPGCL Dhariwal	0	185		Coal	2.89	44.75	2.89	83.43	128.17	128.57	As per PPA minimum of injection and schedule has been considered for
27	Dodson	Dodson I	12	12		Hydro						9.36	
28	Dodson	Dodson II	34	34		Hydro						5.83	
Central Generating Stations													
1	KSTPS	Unit-I to VI	2100	635	85%	Coal	1.48	155.89	1.53	248.71	404.60	414.97	10.3 MUs URS energy
2	KSTPS III	-	500	120	85%	Coal	1.44	29.90	1.49	52.17	82.06	82.17	0.11 Mus URS energy
3	VSTP I	Unit-I to VI	1260	432	85%	Coal	1.92	101.13	1.91	171.41	272.54	313.95	41.39 Mus URS Energy
4	VSTP II	Unit-I, II	1000	336	85%	Coal	1.82	74.88	1.82	143.29	218.16	239.99	21.82 Mus URS energy
5	VSTP III	Unit-I, II	1000	275	85%	Coal	1.81	42.31	1.80	91.57	133.88	144.96	11.07 Mus URS Energy
6	VSTP IV	Unit-I, II	1000	294	85%	Coal	1.79	73.44	1.78	127.45	200.89	201.63	0.736 Mus URS Energy
7	VSTP V	Unit-I	500	161	85%	Coal	1.86	8.20	1.85	68.64	76.84	76.92	0.078 Mus URS Energy
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),	645	204		Gas	APM: 2.5253 N-APM: 2.6082 RLNG: 6.4416 RLNG-C: 2.9661	APM: 32.12 N-APM: 4.96 RLNG: 0.00 RLNG-C: 0.34	APM: 2.0174 N-APM: 2.1091 RLNG: 7.5602 RLNG-C: 2.9548	APM: 46.22 N-APM: 1.83 RLNG: 0.00 RLNG-C: 17.62	APM: 78.35 N-APM: 6.8 RLNG: 0.00 RLNG-C: 17.96	105.04	APM: 1.90 Mus URS Energy RLNG-C: 0.034 Mus URS Energy
9	Gandhar	UNIT-I (GT-I), UNIT-II (GT-II), UNIT-III (GT-III), UNIT-IV (ST- I)	648	200		Gas	APM: 2.5734 N-APM: 2.5979 RLNG: 7.1965 RLNG-C: 3.0168	APM: 15.52 N-APM: 0.00 RLNG: 0.00 RLNG-C: 0.00	APM: 2.0531 N-APM: 2.3231 RLNG: 7.2412 RLNG-C: 3.0567	APM: 26.43 N-APM: 0.00 RLNG: 0.00 RLNG-C: 0.00	APM: 41.95 N-APM: 0 RLNG: 0.00 RLNG-C: 0.00	42.95	APM: 0.99 Mus URS Energy RLNG: Suo-Moto schedule by RLDC on 05/04/20 (Hon'ble PM Call to switch off Light)
10	KhSTPS-II	Unit-I to III	1500	148	85%	Coal	2.23	31.80	2.21	51.55	83.35	85.43	2.08 Mus URS Energy

Form 7: Generator wise Schedule Vs Actual Energy

[illegible]

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Apr-20

Financial Year : 2020-21

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

S. No.	Place (Pwer Exchange/DEEP Portal) / Tender ID in which participated during the month	Bid Quantity (MW)	Bid Rate (Rs/kWh)	Is Bid was sucesfull?	If sucessful, details for the month		
					Buyer	Rate (Rs/kWh)	Quantum (MU)
1	DEEP Portal/	4 to 16 MW	4.89	Yes	Maharashtra Airport Development Corporation	4.89	4.46
2							
3							
4							
5							
.....							
	Total						

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
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	(1.47)	(3.27)	219.21	221.45	(1.38)
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	3.27	2.82	2.42	3.39
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	3.92	0.00	0.02	(0.04)	(0.00)
6	Approved Fuel expenses	Rs. Crore	-	187.93	103.12	67.72	109.93
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(0.57)	(1.07)	62.59	53.78	(0.47)
8	Recoverable through FAC (7 - 6)	Rs. Crore	(0.57)	-189	-41	-14	-110

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
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	115.32	284.91	(1.96)	(2.08)	199.94	574.10
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	2.77	2.86	4.00	3.14	1.75	0.21
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.23	(0.13)	4.00	0.00	(0.93)	0.21
6	Approved Fuel expenses	Rs. Crore	218.61	77.98	-	30.13	63.92	47.28
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	34.86	81.87	(0.78)	(0.65)	35.07	59.35
8	Recoverable through FAC (7 - 6)	Rs. Crore	-184	4	-1	-31	-29	12

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
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	(1.36)	252.22	275.60	102.74	102.05
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	3.83	2.55	2.55	2.95	2.95
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.00)	0.09	0.09	0.67	0.67
6	Approved Fuel expenses	Rs. Crore	46.50	69.00	69.00	61.22	61.22
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(0.52)	56.16	70.17	33.30	30.10
8	Recoverable through FAC (7 - 6)	Rs. Crore	-47	-13	1	-28	-31

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	Koradi10	MSPGCL Dhariwa	Dodson I	Dodson II	KSTPS	KSTPS III	VSTP I
1	Gross Generation	MU							
2	Net Generation	MU	99.59	128.17	9.36	5.83	414.97	82.17	313.95
3	Approved Energy Charge	Rs./kWh	2.28	-	1.68	-	1.49	1.45	1.78
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.95	2.59	1.57	-	1.42	1.39	1.77
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.67	2.59	(0.11)	-	(0.08)	(0.05)	(0.02)
6	Approved Fuel expenses	Rs. Crore	61.22	-	0.71	-	51.78	8.99	40.75
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	29.37	33.18	1.47	-	55.60	11.22	54.49
8	Recoverable through FAC (7 - 6)	Rs. Crore	-32	33	1	0	4	2	14

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	VSTP II	VSTP III	VSTP IV	VSTP V	Kawas	Gandhar	KhSTPS-II	SIPAT TPS 2
1	Gross Generation	MU								
2	Net Generation	MU	239.99	144.96	201.63	76.92	105.04	42.95	85.43	192.44
3	Approved Energy Charge	Rs./kWh	1.68	1.72	1.71	1.71	2.93	2.89	2.20	1.44
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.70	1.69	1.67	1.72	2.14	2.00	2.14	1.60
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.02	(0.03)	(0.04)	0.01	(0.79)	(0.89)	(0.06)	0.17
6	Approved Fuel expenses	Rs. Crore	30.74	25.46	26.49	14.48	8.39	6.08	18.72	21.28
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	38.96	20.28	38.09	14.00	28.14	15.67	18.01	29.70
8	Recoverable through FAC (7 - 6)	Rs. Crore	8	-5	12	0	20	10	-1	8

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	SIPAT TPS 1	Mauda I	Mauda II	NTPC Solapur 2	NTPC Solapur	Lara	Gadarwara	Khargone
1	Gross Generation	MU								
2	Net Generation	MU	338.83	-	-	-	-	31.68	-	-
3	Approved Energy Charge	Rs./kWh	1.43	3.34	3.07	-	3.75	2.38	3.52	3.03
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.56	2.86	2.88	-	3.29	2.36	2.94	3.10
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.13	(0.48)	(0.19)	-	(0.46)	(0.03)	(0.58)	0.07
6	Approved Fuel expenses	Rs. Crore	41.71	71.08	87.99	-	52.88	30.96	9.92	8.53
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	61.18	6.11	12.20	-	2.73	7.37	0.00	0.05
8	Recoverable through FAC (7 - 6)	Rs. Crore	19	-65	-76	0	-50	-24	-10	-8

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	KAPP	TAPP 1&2	TAPP 3&4	Renewable - Non Solar	Renewable - Solar	JSW
1	Gross Generation	MU						
2	Net Generation	MU	94.88	53.23	290.30	522.38	436.44	201.5009
3	Approved Energy Charge	Rs./kWh	2.39	2.13	3.31	4.93	3.62	2.7947
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	2.49	2.42	3.39	5.55	4.24	2.1365
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	0.09	0.29	0.08	0.62	0.62	(0.66)
6	Approved Fuel expenses	Rs. Crore	19.26	19.98	76.41	396.16	229.37	44.43
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	23.59	12.86	98.35	290.15	184.92	43.05
8	Recoverable through FAC (7 - 6)	Rs. Crore	4	-7	22	-106	-44	-1

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	CGPL	APML 125 MW	APML 1320 MW	APML 1200 MW	APML 440 MW	EMCO Power
1	Gross Generation	MU						
2	Net Generation	MU	365.23	81.3263	789.0319	780.7328	212.9823	110.6453
3	Approved Energy Charge	Rs./kWh	2.01	2.84	1.84	2.84	2.90	2.50
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	1.76	2.43	1.50	2.43	2.49	2.03
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(0.24)	(0.41)	(0.34)	(0.41)	(0.41)	(0.47)
6	Approved Fuel expenses	Rs. Crore	85.09	20.29	138.83	183.34	73.00	36.60
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	64.47	19.88	132.77	190.86	53.60	30.92
8	Recoverable through FAC (7 - 6)	Rs. Crore	-21	0	-6	8	-19	-6

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	RIPL 450 MW	RIPL 750 MW	SSP	Pench	Inter State	NTPC NVVN Coa	Short Term
1	Gross Generation	MU							
2	Net Generation	MU	-	-	48.43	4.49	0.95	8.05	1,147.79
3	Approved Energy Charge	Rs./kWh	3.46	3.46	2.05	2.05	-	-	-
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	-	-	2.05	2.05	7.33	3.01	2.78
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	(3.46)	(3.46)	(0.00)	0.00	7.33	3.01	2.78
6	Approved Fuel expenses	Rs. Crore	87.67	146.12	20.39	2.30	-	-	-
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	1.22	2.03	9.93	0.92	0.70	2.42	319.23
8	Recoverable through FAC (7 - 6)	Rs. Crore	-86	-144	-10	-1	1	2	319

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 9: Generation Summary

S. No.	Particulars	Units	PGCIL
1	Gross Generation	MU	
2	Net Generation	MU	-
3	Approved Energy Charge	Rs./kWh	
4	Actual Energy Charge (Sr. No. 8 of Form 9)	Rs./kWh	-
5	Fuel Surcharge Adjustment (4 - 3)	Rs./kWh	-
6	Approved Fuel expenses	Rs. Crore	-
7	Actual Fuel expenses (Sr. No. 6 of Form 9)	Rs. Crore	(54.71)
8	Recoverable through FAC (7 - 6)	Rs. Crore	-55

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

S. No.	Particulars	Units	Bhusawal Unit 03	Bhusawal Unit 04 & 05	Khaperkhe da Unit 01 to 04	Khaperkhe da Unit 05	Nashik TPS	Chandrapur Unit 03 to 07	Paras Unit 03 and 04	Parli Unit 06 and 07	Koradi Unit 06 & 07
1	Operational parameters										
1.1	Total Capacity	MW	210	1000	840	500	630	1920	500	500	420
1.2	Availability	%	99.47%	100.00%	90.31%	86.60%	95.76%	90.28%	89.89%	100.00%	79.28%
1.3	PLF	%	0%	0%	41%	66%	0%	10%	87%	0%	0%
1.4	Gross Generation	MU			245.36	236.21		136.54	315.34		
1.5	Auxiliary Consumption excluding FGD	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%	10.81%
1.6	Auxiliary Consumption excluding FGD	MU	0.00	0.00	23.80	14.17	0.00	10.65	29.33	0.00	0.00
1.7	Auxiliary Consumption for FGD	%	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.8	Auxiliary Consumption for FGD	MU	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.9	Total Auxiliary Consumption	%	10.96%	6.00%	9.70%	6.00%	10.75%	7.80%	9.30%	9.30%	10.81%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	0.00	0.00	23.80	14.17	0.00	10.65	29.33	0.00	0.00
1.11 (a)	Total Net Generation		0.00	0.00	221.56	222.03	0.00	125.89	286.01	0.00	0.00
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	-1.47	-3.27	219.21	221.45	-1.38	115.32	284.91	-1.96	-2.08
1.12	Heat Rate	kcal/kWh	2787	2375	2630	2375	2754	2688	2430	2430	2622
1.13	Secondary Fuel Oil Consumption	ml/kWh	1.40	0.5	1.20	0.5	1.00	1.00	0.5	0.5	2.81
1.14	Transit Loss for Domestic and Washed Coal	%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
1.15	Transit Loss for Imported Coal	%									
2	Fuel parameters (for each primary and secondary fuel)										
2.1	Calorific Value										
2.1.1	Domestic Coal (As Billed)	kcal/kg	3844	3844	3669	3669	3904	4030	4029	4369	3710
2.1.2	Imported Coal (As Billed)	kcal/kg			0	0		0	0		
2.1.3	Domestic Coal (As Received)	kcal/kg	3319	3319	3205	3229	3379	3505	3504	3844	3304
2.1.4	Imported Coal (As Received)	kcal/kg			4789	0			0	0	
2.1.5	Fuel 2	kcal/unit	10626	10729	10240	10240		10725	10594		
2.1.6	Fuel 3	kcal/unit	10130	10023	11343	11343		10085	10173		
2.1.7	Fuel 4	kcal/unit									
2.2	Stacking Loss										
2.2.1	Stacking Loss Approved	kcal/kg	120	120	120	120	120	120	120	120.00	120.00
2.2.2	Stacking Loss Actual	kcal/kg			65.86	120	120	95	6.66	120.00	120.00
2.3	Calorific Value after stacking loss										
2.3.1	Domestic Coal (As Fired)	kcal/kg	3198.94	3198.94	3139.14	3108.72	3259.00	3410.00	3496.91	3723.69	3184.00
2.3.2	Imported Coal (As Fired)	kcal/kg			4723.14						
2.4	Landed Fuel Price per unit										
2.4.1	Domestic Coal	Rs./MT	3929	3929.40	3016.20	2956.61	4122.94	3199.86	3670.78	4364.98	3531.83
2.4.2	Imported Coal	Rs./MT	0.00	0.00	6851.69	0.00	0.00	0.00	0.00	0.00	0.00
2.4.3	Fuel 3	Rs./unit	46683	46683	41199.28	39220.56	47454.60	48857.06	490234.22	65889	49198.20
2.4.4	Fuel 4	Rs./unit	35499	35499	47957.00	47639.67	38421.59	36980.96	3741.92	49703	38592.46
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	0.280	0.100	0.240	0.100	0.200	0.200	0.100	0.100	0.562
3.1.4	Fuel 4	unit/kWh	1.120	0.400	0.400	0.400	0.800	0.800	0.400	0.400	2.248
3.2	Total Fuel Consumption										
3.2.1	Domestic Coal				204940.75	180069.44		107258.83	218702.82		
3.2.2	Imported Coal				87.26	0.00		0.00	0.00		
3.2.3	Fuel 3				58.89	23.62		27.31	31.53		
3.2.4	Fuel 4				98.14	94.48		109.24	126.13		
3.3	Heat content										
3.3.1	Domestic Coal	Million kcal			643336.87	559785.39		365752.61	764784.33		
3.3.2	Imported Coal	Million kcal			412.16	0.00		0.00	0.00		
3.3.3	Fuel 3	Million kcal			514.36	206.32		249.83	284.96		
3.3.4	Fuel 4	Million kcal			1038.67	999.91		1027.83	1197.19		
	Total Heat content	Million kcal			645302.06	560991.63	0.00	367030.27	766266.48	0.00	0.00
4	Total Fuel Cost										
4.1	Domestic Coal	Rs. Crore	0.05	0.02	61.81	53.24		34.32	80.28		
4.2	Imported Coal	Rs. Crore	3.41	2.91	0.06	0.00		0.00	0.00		
4.3	Fuel 3	Rs. Crore	3.46	2.93	0.24	0.09		0.13	1.55		
4.4	Fuel 4	Rs. Crore	3.88	3.12	0.47	0.45		0.40	0.05		
	Total Fuel Cost	Rs. Crore	10.80	8.98	62.59	53.78		34.86	81.87		
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	Total Cost (= 4 + 5)		-0.57	-1.07	62.59	53.78	-0.47	34.86	81.87	-0.78	-0.65
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh		#DIV/0!	2.55	2.28		2.55	2.60	#DIV/0!	
8	Energy Charge (= 6/1.11)	Rs./kWh	3.92	3.27	2.82	2.42	3.39	2.77	2.86	4.00	3.14

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

S. No.	Particulars	Units	GTPS Uran	Parli Unit 08	Chandrapur Unit 08,09	Koradi Unit 08,09,10	KSTPS	KSTPS III	VSTP I	VSTP II
1	Operational parameters									
1.1	Total Capacity	MW	672	250	1000	1980	2100	500	1260	1000
1.2	Availability	%	43.13%	100.00%	79.96%	78.40%	98.06	101.20	95.96	101.22
1.3	PLF	%	43%	0%	79%	22%	94.34	93.79	89.13	94.17
1.4	Gross Generation	MU	206.53		527.82	334.63				
1.5	Auxiliary Consumption excluding FGD	%	3.10%	8.50%	6.00%	6.00%				
1.6	Auxiliary Consumption excluding FGD	MU	6.40	0.00	31.67	20.08				
1.7	Auxiliary Consumption for FGD	%	NA	NA	NA	NA				
1.8	Auxiliary Consumption for FGD	MU	NA	NA	NA	NA				
1.9	Total Auxiliary Consumption	%	3.10%	8.50%	6.00%	6.00%	7.04	6.25	9	7.05
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	6.40	0.00	31.67	20.08				
1.11 (a)	Total Net Generation		200.13	0.00	496.15	314.55	1,326.05	316.52	735.80	630.25
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	199.94	-1.36	527.82	304.38	414.97	82.17	313.95	239.99
1.12	Heat Rate	kcal/kWh	2035	2430	2375	2230	2401.43	2374.03	2430	2390
1.13	Secondary Fuel Oil Consumption	ml/kWh		0.5	0.5	0.5	0.5	0.5	0.5	0.5
1.14	Transit Loss for Domestic and Washed Coal	%		0.80%	0.80%	0.80%	0.2	0.2	0.2	0.2
1.15	Transit Loss for Imported Coal	%					0.2	0.2	0.2	0.2
2	Fuel parameters (for each primary and secondary fuel)									
2.1	Calorific Value									
2.1.1	Domestic Coal (As Billed)	kcal/kg	8656	4369	4060	3811	3871	3871	4706	4706
2.1.2	Imported Coal (As Billed)	kcal/kg			0	0	-	-	-	-
2.1.3	Domestic Coal (As Received)	kcal/kg	8656	3844	3535	3286	3493	3493	3744	3744
2.1.4	Imported Coal (As Received)	kcal/kg			0	0	-	-	-	-
2.1.5	Fuel 2	kcal/unit			10725	10674	10120	10117	9850	9850
2.1.6	Fuel 3	kcal/unit			10085	10478				
2.1.7	Fuel 4	kcal/unit								
2.2	Stacking Loss									
2.2.1	Stacking Loss Approved	kcal/kg		120.00	120.00	120.00				
2.2.2	Stacking Loss Actual	kcal/kg			54.00	59.00				
2.3	Calorific Value after stacking loss									
2.3.1	Domestic Coal (As Fired)	kcal/kg	8655.64	3723.69	3481.00	3226.87				
2.3.2	Imported Coal (As Fired)	kcal/kg								
2.4	Landed Fuel Price per unit									
2.4.1	Domestic Coal	Rs./MT	7.22	4364.98	3486.60	3990.81	1849.56	1849.56	2399.78	2399.78
2.4.2	Imported Coal	Rs./MT		0.00	0.00	0.00	-	-	-	-
2.4.3	Fuel 3	Rs./unit		51770.85	44962.68	50514.07	32429.45	40947.06	39344.96	39344.96
2.4.4	Fuel 4	Rs./unit		46673.21	36980.96	38630.00				
3	Fuel Consumption and Heat Contribution (for each fuel separately)									
3.1	Specific Fuel Consumption									
3.1.1	Domestic Coal	MT/kWh	0.24							
3.1.2	Imported Coal	MT/kWh								
3.1.3	Fuel 3	unit/kWh		0.100	0.100	0.100				
3.1.4	Fuel 4	unit/kWh		0.400	0.400	0.400				
3.2	Total Fuel Consumption									
3.2.1	Domestic Coal		48.56		359408.94	230752.67				
3.2.2	Imported Coal				0.00	0.00				
3.2.3	Fuel 3				52.78	33.46				
3.2.4	Fuel 4				211.13	133.85				
3.3	Heat content									
3.3.1	Domestic Coal	Million kcal	420294.66		1251102.51	744609.46				
3.3.2	Imported Coal	Million kcal			0.00	0.00				
3.3.3	Fuel 3	Million kcal			482.87	304.68				
3.3.4	Fuel 4	Million kcal			1986.57	1308.53				
	Total Heat content	Million kcal	420294.66	0.00	1253571.95	746222.67				
4	Total Fuel Cost									
4.1	Domestic Coal	Rs. Crore	35.07		125.31	92.09	342.37	342.37	730.46	730.46
4.2	Imported Coal	Rs. Crore	0.00		0.00	0.00	0.00	0.00	0.00	0.00
4.3	Fuel 3	Rs. Crore	0.00		0.24	0.17	8.09	8.09	28.54	28.54
4.4	Fuel 4	Rs. Crore	0.00		0.78	0.52				
	Total Fuel Cost	Rs. Crore	35.07		126.33	92.78	350.46	350.46	759.00	759.00
5	Other Charges and Adjustments									
5.1	Other Charges (Pl. specify details)									
5.2	Other Adjustments (Pl. specify details)									
	Total Other Charges and Adjustments						0	0	0	0
6	Total Cost (= 4 + 5)		35.07	-0.52	126.33	92.78	350.46	350.46	759.00	759.00
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh	1.70	#DIV/0!	2.39	2.77				
8	Energy Charge (= 6/1.11)	Rs./kWh	1.75	3.83	2.55	2.95	1.4165	1.393	1.769	1.704

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

S. No.	Particulars	Units	VSTP III	VSTP IV	VSTP V	Kawas	Gandhar	KhSTPS-II	SIPAT TPS 2
1	Operational parameters								
1.1	Total Capacity	MW	1000	1000	500	645	648	1500	1,000.000
1.2	Availability	%	73.67	103.00	72.87	97.85	97.64	84.66	102.30
1.3	PLF	%	67.93	94.19	62.99	54.21	22.93	83.96	98.53
1.4	Gross Generation	MU							
1.5	Auxiliary Consumption excluding FGD	%							
1.6	Auxiliary Consumption excluding FGD	MU							
1.7	Auxiliary Consumption for FGD	%							
1.8	Auxiliary Consumption for FGD	MU							
1.9	Total Auxiliary Consumption	%	6.25	6.25	7.25	2.75	2.75	6.25	6.25
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU							
1.11 (a)	Total Net Generation		458.51	635.79	210.34	244.81	104.03	850.13	665.07
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	144.96	201.63	76.92	105.04	42.95	85.43	192.44
1.12	Heat Rate	kcal/kWh	2390	2358.84	2358.84	2050	2040	2373.49	2390
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	4706	4706	4706		9358.96		3964
2.1.2	Imported Coal (As Billed)	kcal/kg	-	-	-		-	-	-
2.1.3	Domestic Coal (As Received)	kcal/kg	3744	3744	3744		9358.96	2994	3661
2.1.4	Imported Coal (As Received)	kcal/kg	-	-	-		-	-	-
2.1.5	Fuel 2	kcal/unit	9705	9631	9472		-	9833	10230
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	2399.78	2399.78	2399.78		8912.23	2442.27	2213.37
2.4.2	Imported Coal	Rs./MT	-	-	-		-	-	-
2.4.3	Fuel 3	Rs./unit	43655.99	45828.97	50511.87		-	41649.23	53341.67
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	730.46	730.46	730.46	50.94	23.23	475.94	387.86
4.2	Imported Coal	Rs. Crore	0.00	0.00	0.00			0.00	0.00
4.3	Fuel 3	Rs. Crore	28.54	28.54	28.54			0.00	0.00
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore	759.00	759.00	759.00	50.94	23.23	475.94	387.86
5	Other Charges and Adjustments								
5.1	Other Charges (Pl. specify details)								
5.2	Other Adjustments (Pl. specify details)								
	Total Other Charges and Adjustments		0	0	0				
6	Total Cost (= 4 + 5)		759.00	759.00	759.00	50.94	23.23	475.94	387.86
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh	1.692	1.671	1.722	2.14	2.00	2.143	1.603

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

S. No.	Particulars	Units	SIPAT TPS I	Mauda I	Mauda II	NTPC Solapur	NTPC Solapur	Lara	Gadarwara
1	Operational parameters								
1.1	Total Capacity	MW	1,980.000	1000	1320	-	1320	800	800
1.2	Availability	%	88.51	100.00	100.00		100.00	99.22	102.27
1.3	PLF	%	84.96	0.00	0.00		0.00	18.41	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	%	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		1,135.47	0.00	0.00		0.00	99.40	0.00
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	338.83	0.00	0.00	0.00	0.00	31.68	0.00
1.12	Heat Rate	kcal/kWh	2317.38	2358.84	2239.8		2236.74	2228.16	2236.74
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	0.8	0.8		0.8	0.2	0.8
1.15	Transit Loss for Imported Coal	%	0.2	0.2	0.2		0.2	0.2	0.2
2	Fuel parameters (for each primary and secondary fuel)								
2.1	Calorific Value								
2.1.1	Domestic Coal (As Billed)	kcal/kg	3964	4029	4044		-	3943	-
2.1.2	Imported Coal (As Billed)	kcal/kg	-	-	-		-	-	-
2.1.3	Domestic Coal (As Received)	kcal/kg	3661	3584	3628		4,328.00	3274	3,480.00
2.1.4	Imported Coal (As Received)	kcal/kg	-	-	-		-	-	-
2.1.5	Fuel 2	kcal/unit	10230	9475	9385		9,735.00	9819	10,632.00
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	2213.37	3951.24	4,235.07		5,819.91	3132.08	4,153.00
2.4.2	Imported Coal	Rs./MT	-	-	-		-	-	-
2.4.3	Fuel 3	Rs./unit	53341.67	49096.98	49096.98		38,638.91	49063.59	49,670.72
2.4.4	Fuel 4	Rs./unit	-	-	-		-	-	-
3	Fuel Consumption and Heat Contribution (for each fuel separately)								
3.1	Specific Fuel Consumption								
3.1.1	Domestic Coal	MT/kWh							
3.1.2	Imported Coal	MT/kWh							
3.1.3	Fuel 3	unit/kWh							
3.1.4	Fuel 4	unit/kWh							
3.2	Total Fuel Consumption								
3.2.1	Domestic Coal								
3.2.2	Imported Coal								
3.2.3	Fuel 3								
3.2.4	Fuel 4								
3.3	Heat content								
3.3.1	Domestic Coal	Million kcal							
3.3.2	Imported Coal	Million kcal							
3.3.3	Fuel 3	Million kcal							
3.3.4	Fuel 4	Million kcal							
	Total Heat content	Million kcal							
4	Total Fuel Cost								
4.1	Domestic Coal	Rs. Crore	387.86	431.31	431.31		242.04	109.39	92.10
4.2	Imported Coal	Rs. Crore	0.00						
4.3	Fuel 3	Rs. Crore	0.00						
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore	387.86	431.31	431.31	0.00	242.04	109.39	92.10
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	Total Cost (= 4 + 5)		387.86	431.31	431.31	0.00	242.04	109.39	92.10
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh	1.555	2.862	2.876		3.286	2.355	2.938

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

S. No.	Particulars	Units	Khargone	KAPP	TAPP 1&2	TAPP 3&4	JSW	CGPL	
1	Operational parameters								
1.1	Total Capacity	MW	1320	440	320	1080	300	760	125
1.2	Availability	%	100.53				97.34%	66.63%	92.43%
1.3	PLF	%	0.00				93.29%	66.75%	90.36%
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						4.75%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU							
1.11 (a)	Total Net Generation		0.00						
1.11 (b)	MSEDCL Net Generation (= 1.4 - 1.10)	MU	0.00	94.88	53.23	290.30	201.50	365.23	81.33
1.12	Heat Rate	kcal/kWh	2173.5				2250	2050	2200
1.13	Secondary Fuel Oil Consumption	ml/kWh	0.5						
1.14	Transit Loss for Domestic and Washed Coal	%	0.8						
1.15	Transit Loss for Imported Coal	%	0.2						
2	Fuel parameters (for each primary and secondary fuel)								
2.1	Calorific Value								
2.1.1	Domestic Coal (As Billed)	kcal/kg	4636						
2.1.2	Imported Coal (As Billed)	kcal/kg	-				5500	5350	
2.1.3	Domestic Coal (As Received)	kcal/kg	3978						
2.1.4	Imported Coal (As Received)	kcal/kg	-						
2.1.5	Fuel 2	kcal/unit	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	5175.07						
2.4.2	Imported Coal	Rs./MT	-						
2.4.3	Fuel 3	Rs./unit	48746.32						
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					0.00045954	0.000402286	
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						92598		
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	173.68						
4.2	Imported Coal	Rs. Crore							
4.3	Fuel 3	Rs. Crore							
4.4	Fuel 4	Rs. Crore							
	Total Fuel Cost	Rs. Crore	173.68						
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	Total Cost (= 4 + 5)		173.68						
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh							
8	Energy Charge (= 6/1.11)	Rs./kWh	3.100	2.485999995	2.415480997	3.387638698			

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

S. No.	Particulars	Units	APML			GMR	RPL	
1	Operational parameters							
1.1	Total Capacity	MW	1320	1200	440	200	450	750
1.2	Availability	%	84.22%	92.43%	92.43%	77.21%	99.79%	99.79%
1.3	PLF	%	83.02%	90.36%	67.23%	76.84%	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	%	5.43%	5.43%	5.43%			
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	789.03	780.73	212.98	110.65	0.00	0.00
1.12	Heat Rate	kcal/kWh	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	Total Cost (= 4 + 5)							
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh						
8	Energy Charge (= 6/1.11)	Rs./kWh						

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Bhusawal			Bhusawal Unit 04 and 05			Khaparkheda - 1 to 4		
			Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		3393.71	3021.62		3393.71	3021.62		2198.19	2147.49
	Freight	Rs/unit		0.00	0.00		0.00	0.00			
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit		0.00	0.00			0.00			
	Taxes and Duties (pl. specify details)	Rs/unit		93.06	82.86		93.06	82.86		491.03	479.70
	Any other charges	Rs/unit		891.19	793.48		891.19	793.48		169.88	165.96
	Total Price excluding Transit Loss	Rs/unit		4377.96	3897.96		4377.96	3897.96		2859.10	2793.16
	Normative Transit Loss	%			0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			3929.40			3929.40			2815.68
	Other Fuel Related Variable Charges	Rs/unit									200.52
	Total Price	Rs/unit			3929.40			3929.40			3016.20

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
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	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		2319.20	2055.43					73.15	
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit								25.16	
	Taxes and Duties (pl. specify details)	Rs/unit		497.30	440.74					17.42	
	Any other charges	Rs/unit		268.40	237.87					18.86	
	Total Price excluding Transit Loss	Rs/unit		3084.90	2734.04			4089.96		134.59	3130.67
	Normative Transit Loss	%			0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			2756.09			4122.94			3155.92
	Other Fuel Related Variable Charges	Rs/unit			200.52						43.94
	Total Price	Rs/unit			2956.61			4122.94			3199.86

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
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	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		2595.13	2604.61		3356.26	3156.64			
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit									
	Taxes and Duties (pl. specify details)	Rs/unit		631.01	633.32		1247.63	1173.42			
	Any other charges	Rs/unit		402.02	403.49						
	Total Price excluding Transit Loss	Rs/unit		3628.16	3641.42		4603.89	4330.06			3503.57
	Normative Transit Loss	%			0.80%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			3670.78			4364.98			3531.83
	Other Fuel Related Variable Charges	Rs/unit									
	Total Price	Rs/unit			3670.78			4364.98			3531.83

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	GTPS Uran			Parli Unit 08			Chandrapur Unit 08,09		
			Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption	Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit			7.01		3356.26	3156.64		97.82	
	Freight	Rs/unit									
	Freight Surcharge, if applicable	Rs/unit									
	Fuel Handling Charges	Rs/unit								33.64	
	Taxes and Duties (pl. specify details)	Rs/unit			0.21		1247.63	1173.42		23.29	
	Any other charges	Rs/unit								20.69	
	Total Price excluding Transit Loss	Rs/unit			7.22		4603.89	4330.06		175.43	3415.12
	Normative Transit Loss	%			0.00%			0.80%			0.80%
	Total Price including Transit Loss	Rs/unit			7.22		4603.89	4364.98			3442.66
	Other Fuel Related Variable Charges	Rs/unit									43.94
	Total Price	Rs/unit			7.22			4364.98			3486.60

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
Form 11: Fuel Cost Details for Thermal Generation

S.No.	Particulars	Unit	Koradi Unit 08,09,10		
			Approved in Tariff	Purchase	Consumption
	Basic Cost (Base Price+Transportation+Insurance)	Rs/unit		2493.56	2667.04
	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		1147.03	1226.83
	Total Price excluding Transit Loss	Rs/unit		3640.59	3893.86
	Normative Transit Loss	%			0.80%
	Total Price including Transit Loss	Rs/unit			3925.26
	Other Fuel Related Variable Charges	Rs/unit			65.55
	Total Price	Rs/unit			3990.81

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-20
Financial Year : 2020-21
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
		Subtotal	5184	21.68	41810	0	0.00	0	0	5184	21.68	41810	0	0.00	0	5184	21.68	41810
		Other Variable Cost																
10	GTPS Uran	Gas				49	35.13	7		49	35.13	7223030	49	35.13	7	0	0.00	#DIV/0!
11	Hydro (Ghatghar)	Water								0	0.00	#DIV/0!				0	0.00	#DIV/0!
12	Parli Replacement U-8	Coal - Raw Coal	110854	38.50	3473	29677	13.66	4604		132080	48.27	3655				132080	48.27	3655
		Coal - Imported Coal			0			0		0	0.00	#DIV/0!						
		Subtotal	110854	38.50	3473	29677	13.66	4604	0	132080	48.27	3655	0	0.00	0	132080	48.27	3655
		Oil - LDO	975	3.03	31123			0		975	3.03	31123				975	3.03	31123
		Oil - FO	1903	8.02	42118			0		1903	8.02	42118				1903	8.02	42118
		Subtotal	2878	11.05	38393	0	0.00	0	0	2878	11.05	38393	0	0.00	0	2878	11.05	38393
		Other Variable Cost																
13	Chandrapur - 8 & 9	Coal - Raw Coal	34324	12.69	3696	517203	175.43	3392	4684	546843	186.75	3415	398610	136.13	3415	148233	50.62	3415
		Coal - Imported Coal	15413	10.09	6548			0		15413	10.09	6548				15413	10.09	6548
		Subtotal	49737	22.78	4580	517203	175.43	3392	4684	562256	196.85	3501	398610	136.13	3415	163646	60.72	3710
		Oil - LDO	1536	6.91	44963			0		1536	6.91	44963	76	0.37	48857	1460	6.54	44760
		Oil - FO	1723	4.94	28658			0		1723	4.94	28658	319	1.18	36981	1404	3.76	26767
		Subtotal	3259	11.84	36343	0	0.00	0	0	3259	11.84	36343	395	1.55	39266	2864	10.29	35940
		Other Variable Cost																
14	Koradi R U-8 to 10	Coal - Raw Coal	271550	104.13	3835	456854	166.25	3639	4784	723620	268.64	3712	279413	108.80	3894	444207	159.84	3598
		Coal - Imported Coal			0					0	0.00	#DIV/0!						
		Subtotal	271550	104.13	3835	456854	166.25	3639	4784	723620	268.64	3712	279413	108.80	3894	444207	159.84	3598
		Oil - LDO	1640	8.28	50514			0		1640	8.28	50514				1640	8.28	50514
		Oil - FO	3394	13.11	38630			0		3394	13.11	38630				3394	13.11	38630
		Subtotal	5034	21.39	42502	0	0.00	0	0	5034	21.39	42502	0	0.00	0	5034	21.39	42502
		Other Variable Cost																
15	MSPGCL Dhariwal	Coal								0	0.00	#DIV/0!				0	0.00	#DIV/0!
16	Dodson I	Hydro								0	0.00	#DIV/0!				0	0.00	#DIV/0!
17	Dodson II	Hydro								0	0.00	#DIV/0!				0	0.00	#DIV/0!
Central Generating Stations																		
1	KSTPS	Coal	536476	101.76	1897	1318213	240.60	1825	3628	1851062	342.37	1849.56						
2	KSTPS III	Coal																
3	VSTP I	Coal																
4	VSTP II	Coal																
5	VSTP III	Coal	1102602	250.22	2269	1948907	480.24	2464	7633	3043876	730.46	2399.77						
6	VSTP IV	Coal																
7	VSTP V	Coal																
8	Kawas	Gas	0	0.00	0	54654	50.94	9320	0	54654	50.94	9320.17						
9	Gandhar	Gas	0	0.00	0	26067	23.23	8912	0	26067	23.23	8912.23						
10	KhSTPS-II	Coal	759132	176.61	2327	1194884	299.32	2505	5265	1948751	475.94	2442.27						
11	SIPAT TPS 2	Coal																
12	SIPAT TPS 1	Coal	212151	40.83	1924	1547177	347.03	2243	6978	1759328	387.86	2204.59						
13	Mauda I	Coal	1034417	409.62	3960	57625	21.69	3764	461	1091580	431.31	3951.24						
14	Mauda II	Coal																
15	NTPC Solapur 2	Coal																
16	NTPC Solapur	Coal	429178	242.04	5640	0	0.00	0	0	429178	242.04	5639.60						
17	Lara	Coal	153477	58.75	3828	184249	50.64	2748	1474	336252	109.39	3253.12						
18	Gadarwara	Coal	215580	92.10	4272	0	0.00	0	0	215580	92.10	4272.26						
19	Khargone	Coal	264893	137.59	5194	71640	36.09	5038	573	335960	173.68	5169.77						
20	KAPP																	
21	TAPP 1&2																	
22	TAPP 3&4																	
Other Generating Stations																		
1	JSW	Coal	336035			164328.86				500363.86			92598			302561		
2	CGPL	Coal	697951			504073			168947	1033077			681248			520776		
3	APML 125 MW	Coal														609319		
4	APML 1320 MW	Coal																
5	APML 1200 MW	Coal				1121231	260.34			1730112								
6	APML 440 MW	Coal																
7	EMCO Power	Coal	227855.71	82.94		94140	32.90		24	321971.57	115.83		133258.95	47.97		188712.62	67.86	
8	RIPL 450 MW	Coal														843995		
9	RIPL 750 MW	Coal	827059			823000				1650059								

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-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	7826.29	7765.3	60.990	0.78%	
2	Bhusawal - 4	Coal	0.8	7826.29	7765.3	60.990	0.78%	
3	Bhusawal - 5	Coal	0.8					
4	Khaparkhedha - 1 to 4	Coal	0.8					
5	Khaparkhedha - 5	Coal	0.8	378378.63	374072.21	4306.420	1.14%	
6	Nashik- 3,4 & 5	Coal	0.8	378378.63	374072.21	4306.420	1.14%	
7	Chandrapur - 3	Coal	0.8	471544.8	465547.62	5997.180	1.27%	
8	Chandrapur - 4	Coal	0.8					
9	Chandrapur - 5	Coal	0.8					
10	Chandrapur - 6	Coal	0.8					
11	Chandrapur - 7	Coal	0.8					
12	Paras - 3	Coal	0.8	201357.27	199805.94	1551.330	0.77%	
13	Paras - 4	Coal	0.8					
14	Parli - 6	Coal	0.8	55945.51	53812.21	2133.300	3.81%	
15	Parli - 7	Coal	0.8					
16	Koradi - 6	Coal	0.8					
17	Koradi - 7	Coal	0.8					
18	GTPS Uran	Gas						
19	Hydro (Ghatghar)	Hydro						
20	Parli Replacement U 8	Coal	0.8	29676.78	29676.78	0.000	0.00%	
21	Chandrapur - 8	Coal	0.8	517203.02	512518.83	4684.190	0.91%	
22	Chandrapur - 9	Coal	0.8					
23	Koradi R U-8	Coal	0.8	456853.88	452070.07	4783.810	1.05%	
24	Koradi 9	Coal	0.8					
25	Koradi10	Coal	0.8					
26	MSPGCL Dhariwal	Coal						
27	Dodson I	Hydro						
28	Dodson II	Hydro						
Central Generating Stations								
1	KSTPS	Coal	0.2	1318212.99	1314585.28	3627.71	0.3%	
2	KSTPS III	Coal	0.2					
3	VSTP I	Coal	0.2	1948906.89	1941274.03	7632.86	0.4%	
4	VSTP II	Coal	0.2					
5	VSTP III	Coal	0.2					
6	VSTP IV	Coal	0.2					
7	VSTP V	Coal	0.2					
8	Kawas	Gas	-	54653.54	54653.54	0		
9	Gandhar	Gas	-	26066.55	26066.55	0		
10	KhSTPS-II	Coal	0.2	1195494	1194884	1473.99	0.1%	
11	SIPAT TPS 2	Coal	0.2	1547176.83	1540198.7	6978.13	0.5%	
12	SIPAT TPS 1	Coal	0.2					
13	Mauda I	Coal	0.8	57624.65	57163.65	461	0.8%	
14	Mauda II	Coal	0.8					
15	NTPC Solapur 2	Coal						
16	NTPC Solapur	Coal	0.8	0	0	0		
17	Lara	Coal	0.2	184249.11	182775.12	1473.99	0.8%	
18	Gadarwara	Coal	0.8	0	0	0		
19	Khargone	Coal	0.8	71640.22	71067.1	573.12	0.8%	
20	KAPP	Nuclear						
21	TAPP 1&2	Nuclear						
22	TAPP 3&4	Nuclear						
IPP								
1	JSW	Coal						
2	CGPL	Coal		94140	94116	24	0.025%	
3	APML 125 MW	Coal						
4	APML 1320 MW	Coal						
5	APML 1200 MW	Coal						
6	APML 440 MW	Coal						
7	EMCO Power	Coal						
8	RIPL 450 MW	Coal						
9	RIPL 750 MW	Coal						

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-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	2,794.90	1,344.09		
	Industry (Seasonal)		102.93	11.92	6.64		
	Commercial		1,887.38	175.05	96.26		
	Railways/Metro/Monorail		80.46	8.95	6.04		
	Public Water Works (PWW)		1,996.12	164.39	171.72		
	Agricultural - Pumpsets		1,243.85	142.00	169.57		
	Agricultural - Others		259.40	23.12	24.84		
	Group Housing Society (Residential)		239.68	22.63	20.17		
	Public Services - Government		273.16	25.81	17.68		
	Public Services - Others		825.16	77.30	55.61		
	Electric Vehicle Charging Stations		0.31	0.03	0.01		
	MSPGCL Auxiliary		183.74	17.83	14.10		
	Other Adjustment		4,842.00	403.50	193.11		
	Sub-total		45,764.17	3,867.42	2,119.85		
	LT Category						
	BPL		45.14	2.49	4.29		
	Residential		22,868.98	2,292.63	1,521.12		
	Non Residential		6,934.28	653.10	120.94		
	Public Water Works		892.76	73.93	71.93		
	AG Metered (Pumpsets)		17,571.05	1,611.05	1,713.47		
	AG Metered (Others)		140.00	13.45	14.46		
	Industrial		9,618.89	802.95	563.94		
	Street Lights		2,272.61	195.64	162.50		
	Temporary Supply		-		-		
	Advertisements & Hordings		-		-		
	Crematorium and Burial Grounds		-		-		
	Public Services		572.79	53.37	39.55		
	Electric Vehicle Charging Stations		0.23	0.02	0.04		
	Prepaid		-	-	-		
	Sub-total		60,916.73	5,698.62	4,212.24		
2	Energy Sales outside the License						
	Sub total		-	-	-		
3	Total Energy Sales (1+2)		1,06,680.90	9,566.04	6,332.09		

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Apr-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	Actual Month_____		Reasons for material variation	
						Load	Norm		
		HP	hrs./HP/Year	MU	MU	HP	MU		
1	Zone 1	34,70,555.00		4,732.75					
	Unmetered						457.62		
	Hrs>1318								
	Bhandup (U)						-		
	Nasik						183.90		
	Pune						19.07		
	Jalgaon						103.95		
	Baramati						150.70		
2	Zone 2	39,52,444.00		4,050.57	677.22				
	Unmetered						463.79		
	Hrs>1318								
	Akola						39.20		
	Amravati						35.66		
	Aurangabad						101.99		
	Kalyan						-		
	Konkan						-		
	Kolhapur						8.18		
	Latur						186.07		
	Nagpur (U)						1.40		
	Chandrapur						-		
	Gondia						-		
	Nanded						91.30		
	Total	74,22,999.00		8,783.32	677.22		921.42		

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

S. No.	Source of Power Purchase	Units	Year	For the month			Cumulative upto the month	
			Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Approved	Actual
1.0	Own Generation							
	Station 1	MU	-	-	-		-	-
	Station 2	MU	-	-	-		-	-
	Station 3	MU	-	-	-		-	-
	Sub total	MU	-	-	-		-	-
2.0	Power Purchase from other Sources							
2.1	State Generating Stations							
	Bhusawal - 3	MU	-	-	(1.47)		-	(1.47)
	Bhusawal - 4	MU	2,878.32	287.64	(3.27)		287.64	(3.27)
	Bhusawal - 5	MU	2,535.73	287.64			287.64	
	Khaparkheda - 1 to 4	MU	4,467.19	367.17	219.21		367.17	219.21
	Khaparkheda - 5	MU	3,352.22	275.53	221.45		275.53	221.45
	Nashik- 3,4 & 5	MU	2,007.66	323.87	(1.38)		323.87	(1.38)
	Chandrapur - 3	MU	1,145.55	94.16	115.32		94.16	115.32
	Chandrapur - 4	MU	1,145.55	94.16			94.16	
	Chandrapur - 5	MU	2,727.51	224.18			224.18	
	Chandrapur - 6	MU	2,727.51	224.18			224.18	
	Chandrapur - 7	MU	2,727.51	224.18	284.91		224.18	284.91
	Paras - 3	MU	1,586.88	130.43			130.43	
	Paras - 4	MU	1,586.88	130.43	(1.96)		130.43	(1.96)
	Parli - 6	MU		-			-	
	Parli - 7	MU		-	(2.08)		-	(2.08)
	Koradi - 6	MU	584.43	48.04			48.04	
	Koradi - 7	MU	584.43	48.04			48.04	
	GTPS Uran	MU	2,898.32	238.22	199.94		238.22	199.94
	Hydro (Ghatghar)	MU	3,296.55	270.95	574.10		270.95	574.10
	Parli Replacement U 8	MU	246.85	121.40	(1.36)		121.40	(1.36)
	Chandrapur - 8	MU	3,422.63	281.31	252.22		281.31	252.22
	Chandrapur - 9	MU	3,422.63	281.31	275.60		281.31	275.60
	Koradi R U-8	MU	3,261.91	268.10	102.74		268.10	102.74
	Koradi 9	MU	3,261.91	268.10	102.05		268.10	102.05
	Koradi10	MU	3,261.91	268.10	99.59		268.10	99.59
	MSPGCL Dhariwal	MU		-	128.17		-	128.17
	Dodson I	MU	51.51	4.23	9.36		4.23	9.36
	Dodson II	MU	64.21	5.28	5.83		5.28	5.83
	Sub total	MU	53,245.80	4,766.63	2,578.99		4,766.63	2,578.99
2.2	Central Generating Stations							
	KSTPS	MU	4,222.49	347.05	414.97		347.05	414.97
	KSTPS III	MU	755.30	62.08	82.17		62.08	82.17
	VSTP I	MU	2,778.10	228.34	313.95		228.34	313.95
	VSTP II	MU	2,226.82	183.03	239.99		183.03	239.99
	VSTP III	MU	1,801.00	148.03	144.96		148.03	144.96
	VSTP IV	MU	1,888.12	155.19	201.63		155.19	201.63
	VSTP V	MU	1,028.26	84.51	76.92		84.51	76.92
	Kawas	MU	348.10	28.61	105.04		28.61	105.04
	Gandhar	MU	256.03	21.04	42.95		21.04	42.95
	KhSTPS-II	MU	1,033.69	84.96	85.43		84.96	85.43
	SIPAT TPS 2	MU	1,801.00	148.03	192.44		148.03	192.44
	SIPAT TPS 1	MU	3,560.12	292.61	338.83		292.61	338.83
	Mauda I	MU	933.85	212.56	-		212.56	-
	Mauda II	MU	3,390.27	286.99	-		286.99	-
	NTPC Solapur 2	MU		-	-		-	-
	NTPC Solapur	MU	251.00	141.05	-		141.05	-
	Lara	MU	1,579.96	129.86	31.68		129.86	31.68
	Gadarwara	MU	57.24	28.15	-		28.15	-
	Khargone	MU	342.52	28.15	-		28.15	-
	KAPP	MU	979.30	80.49	94.88		80.49	94.88
	TAPP 1&2	MU	1,143.71	94.00	53.23		94.00	53.23
	TAPP 3&4	MU	2,809.23	230.90	290.30		230.90	290.30
	Sub total	MU	33,186.09	3,015.64	2,709.37		3,015.64	2,709.37

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

S. No.	Source of Power Purchase	Units	Year	For the month			Cumulative upto the month	
			Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Approved	Actual
2.3	Renewable Energy based Generating Stations							
	Renewable - Non Solar	MU	6,988.00	634.00	522.38		634.00	522.38
	Renewable - Solar	MU	13,284.00	803.00	436.44		803.00	436.44
	Sub total	MU	20,272.00	1,437.00	958.82		1,437.00	958.82
2.4	Other Generating Stations							
	JSW	MU	1,934.21	158.98	201.50		158.98	201.50
	CGPL	MU	5,157.89	423.94	365.23		423.94	365.23
	APML 125 MW	MU	870.25	71.53	81.33		71.53	81.33
	APML 1320 MW	MU	9,189.85	755.33	789.03		755.33	789.03
	APML 1200 MW	MU	7,862.98	646.27	780.73		646.27	780.73
	APML 440 MW	MU	3,063.28	251.78	212.98		251.78	212.98
	EMCO Power	MU	1,370.06	112.61	110.65		112.61	110.65
	RIPL 450 MW	MU	782.11	253.37	-		253.37	-
	RIPL 750 MW	MU	1,303.52	422.28	-		422.28	-
	Sub total	MU	31,534.15	3,096.07	2,541.45		3,096.07	2,541.45
2.5	Traders							
	Station 1	MU	-	-	-		0	0
	Station 2	MU	-	-	-		0	0
	Station 3	MU	-	-	-		0	0
	Sub total	MU	-	-	-		-	-
2.6	Others							
	SSP	MU	1,209.94	99.45	48.43		99.45	48.43
	Pench	MU	136.50	11.22	4.49		11.22	4.49
	Inter State	MU		-	0.95		-	0.95
	NTPC NVVN Coal	MU	-	-	8.05		-	8.05
	Short Term	MU	-	-	1,147.79		-	1,147.79
	Inter state loss	MU	(1,274.00)	(106.17)	(8.27)		(106.17)	(8.27)
	Sub total	MU	72.44	4.50	1,201.44		4.50	1,201.44
	Total Power purchase from other sources (2.1+2.2+2.3+2.4+2.5+2.6)	MU	1,38,310.49	12,319.84	9,990.07		12,319.84	9,990.07
3.0	Energy Availability							
3.1	Energy available for sale within the Licensee area (1+2)	MU	1,38,310.49	12,319.84	9,990.07		12,319.84	9,990.07
	Infirm Non-PPA Wind power		888.00	74.00	-			
	Input for OA consumption		4,114.00	342.83	165.27			
	Energy injected and drawn at 33 Kv		573.00	47.75	52.04			
	Surplus power traded		1,106.00	92.17	4.46			
3.2	Energy available for sale within the Licensee area at transmission voltage	MU	1,41,633.49	12,596.76	10,155.34			
	Intra-state transmission loss		4,502.00	400.94	301.84			
3.3	Energy available for sale within the Licensee area at distribution voltage	MU	1,37,131.49	12,195.75	9,853.50			

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

S. No.	Particulars	Units	Year	For the month			Cumulative upto the	
			Approved by the Commission	Approved	Actual in the month	Reasons for material variation	Computed as per the sales approved for the entire year	Actual
1.0	Transmission Loss							
1.1	Net Energy input at Transmission Voltages	MU	1,41,633.49	12,596.76	10,155.34			
1.2	Energy Sales at Transmission Voltages (including EHV consumers)	MU	10,357.00	863.08	421.87			
1.3	Energy fed to Distribution System	MU	1,26,774.49	11,332.66	9,431.64			
1.4	Transmission Loss (=1.1 - 1.2 - 1.3)	MU	4,502.00	401.01	301.84			
1.5	Transmission Loss as % of Net Energy Input (=1.4 ÷ 1.1)	%	3.18%	3.18%	2.97%			
2.0	Distribution Loss							
2.1	Net Energy input at Distribution Voltages	MU	1,23,451.49	10,287.62	9,483.68			9,483.68
2.2	Energy sales (metered) at Distribution voltages	MU	92,427.90	7,702.33	5,717.11			5,717.11
2.3	Estimated consumption of unmetered categories of consumers	MU	8,783.32	731.94	921.42			921.42
2.4	Distribution Loss (=2.1 - 2.2 - 2.3)	MU	22,240.27	1,853.36	2,845.15			2,845.15
2.5	Distribution Loss as % of net energy input (=2.4 ÷ 2.1)	%	18%	18.0%	30.00%			30.00%
3.0	Excess Distribution Loss =[Distribution Loss (2.5) - Distribution loss approved] x Net Energy Input (2.1)	MU	-	-	1,136.63			2,845.15

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

S. No.	Particulars	Units	Value
1	Average power purchase cost approved by the Commission (Form 17, Cell Ref. G50)	Rs./kWh	4.17
2	Actual average power purchase cost (Form 17, Cell Ref. L50)	Rs./kWh	3.84
3	Change in average power purchase cost (=2 -1)	Rs./kWh	(0.33)
4	Net Power Purchase (Form 17, Cell Ref. H50)	MU	9,993.88
5	Change in power purchase cost (=3 x 4/10)	Rs. Crore	(334.21)

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Apr-20

Financial Year : 2020-21

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

S. No.	Particulars	Units	Apr-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 Apr-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 Apr-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 Apr-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	(334.21)	(71.12)	(263.09)
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	(334.21)	(71.12)	(263.09)

Maharashtra State Electricity Distribution Co. Ltd.
Filing for the month Apr-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	0	0	0
2	FAC for the month (Form 23 Sr. No. 4)	Rs. Crore	(334.21)	(71.12)	(263.09)
3	Closing Balance of FAC Fund (1+2)	Rs. Crore	(334.21)	(71.12)	(263.09)
4	Z _{FAC} leviable to consumer (equal to Sr. No. 3 if it is positive)	Rs. Crore	-	-	-
5	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 Apr-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	7,218.42	2,634.88	4,583.53
2	Excess Distribution Loss	MU	1,136.63	414.89	721.73
3	Z _{FAC} leviable/refundable to consumer (Form 23)	Rs. Crore	(334.21)	(71.12)	(263.09)
4	Z _{FAC} per kWh	Rs./kWh	(0.46)	(0.27)	(0.57)
5	Cap at 20% of variable component of tariff	Rs./kWh			
6	FAC Charge allowable (Minimum of 4 and 5)	Rs./kWh	(0.46)	(0.27)	(0.57)

Maharashtra State Electricity Distribution Co. Ltd.

Filing for the month Apr-20

Financial Year : 2020-21

Form 26: Calculation of FAC Charge for unmetered categories

S. No.	Unmetered consumer category	Apr-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 Apr-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	(334.21)	(71.12)	(263.09)
2	FAC disallowed corresponding to excess Distribution Loss	Rs. Crore	(52.63)		
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	(281.59)	(71.12)	(263.09)

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

S. No.	Particulars	Units	Total	Ag	Non-Ag
1.0	Calculation of Z_{FAC}				
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	(334.21)	(71.12)	(263.09)
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	(334.21)	(71.12)	(263.09)
	Less: - FAC of Ag consumers to be billed in Billing Qtr of June 2020	Rs. Crore	(71.12)	(71.12)	-
	FAC to be Charged	Rs. Crore	(263.09)	-	(263.09)
2.1	Energy Sales within the License Area	MU	7,218.42	2,634.88	4,583.53
2.2	Excess Distribution Loss	MU	-	-	-
2.3	Z _{FAC} per kWh [(1.4/2.1)*10]	Rs./kWh	(0.36)	-	(0.57)
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	(334.21)	(71.12)	(263.09)
4.0	Utilization of FAC Fund				
4.1	Opening Balance of FAC Fund	Rs. Crore	0	0	0
4.2	ZFAC for the month (Sr. N. 3.2)	Rs. Crore	(334.21)	(71.12)	(263.09)
4.3	Closing Balance of FAC Fund	Rs. Crore	(334.21)	(71.12)	(263.09)
4.4	ZFAC 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 Apr-20
Financial Year : 2020-21
Form 29: Category wise and slab wise FAC

S. No.	Consumer categories	Apr-20															
		ABR	Energy Charges	Average Cost of Supply	K - Factor= ABR/ACoS	Categories wise FAC without cap	Categories wise FAC with cap	Sales	PF%	Sales kWh	Rate per HP	FAC Amt. without cap	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under Recovery	FAC amount with CAP	Rate	Rate
		Rs./kWh	Rs./kWh	Rs./kWh				MU								Rs./kWh	Rs./kVah
1	LT Category							0									
	Domestic (LT-I)																
	BPL (0-30 Units)	3.69	1.12	7.31	0.50	(0.29)	0.22	4.29	1.00	4.29		(0.12)	0.01	(0.12)	0.10	(0.27)	
	Consumption > 30 Units per month																
	1-100 Units	6.03	3.46	7.31	0.82	(0.47)	0.69	1,096.27	1.00	1,096.27		(51.91)	2.86	(49.05)	75.86	(0.45)	
	101-300 Units	9.94	7.43	7.31	1.36	(0.78)	1.49	311.48	1.00	311.48		(24.31)	1.34	(22.97)	46.29	(0.74)	
	301-500 Units	12.84	10.32	7.31	1.76	(1.01)	2.06	39.69	1.00	39.69		(4.00)	0.22	(3.78)	8.19	(0.95)	
	Above 500 Units	13.54	11.71	7.31	1.85	(1.06)	2.34	73.68	1.00	73.68		(7.83)	0.43	(7.40)	17.26	(1.00)	
	Non Domestic (LT-II)																
	0-20 KW	10.61	7.36	7.31	1.45	(0.83)	1.47	58.82	1.00	58.82		(4.90)	0.27	(4.63)	8.66	(0.79)	
	>20-50 KW	14.01	10.72	7.31	1.92	(1.10)	2.14	34.65	1.00	34.65		(3.81)	0.21	(3.60)	7.43	(1.04)	
	>50 KW	16.11	12.83	7.31	2.20	(1.26)	2.57	27.47	1.00	27.47		(3.47)	0.19	(3.28)	7.05	(1.20)	
	Public Water Works (LT-III)																
	0-20 KW	4.03	2.4	7.31	0.55	(0.32)	0.48	56.58	1.00	56.58		(1.79)	0.10	(1.69)	2.72	(0.30)	
	20-40 KW	5.68	3.78	7.31	0.78	(0.45)	0.76	6.93	1.00	6.93		(0.31)	0.02	(0.29)	0.52	(0.42)	
	above 40 kw	7.12	5.11	7.31	0.97	(0.56)	1.02	8.41	1.00	8.41		(0.47)	0.03	(0.44)	0.86	(0.53)	
	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	-	-	-	-	-	-	-	
	Metered Tariff OTHER	7.95	3.34	7.31	1.09	(0.62)	0.67	14.46	1.00	14.46		(0.90)	0.05	(0.85)	0.97	(0.59)	
	LT Industries (LT-V)																
	0-20 KW	7.24	5.21	7.31	0.99	(0.57)	1.04	283.89	1.00	283.89		(16.14)	0.89	(15.25)	29.58	(0.54)	
	Above 20 KW	8.90	6.11	7.31	1.22	(0.70)	1.22	280.05	1.00	280.05		(19.57)	1.08	(18.49)	34.22	(0.66)	
	Street Light (LT-VI)																
	Grampanchayat A, B & C Class Municipal Coun	6.51	4.90	7.31	0.89	(0.51)	0.98	125.89	1.00	125.89		(6.44)	0.35	(6.08)	12.34	(0.48)	
	Municipal corporation Area	7.96	5.97	7.31	1.09	(0.63)	1.19	36.61	1.00	36.61		(2.29)	0.13	(2.16)	4.37	(0.59)	
	Public Services (LT X)																
	Government																
	0-20 KW	7.99	3.31	7.31	1.09	(0.63)	0.66	4.17	1.00	4.17		(0.26)	0.01	(0.25)	0.28	(0.59)	
	>20-50 KW	7.8	4.89	7.31	1.07	(0.61)	0.98	0.85	1.00	0.85		(0.05)	0.00	(0.05)	0.08	(0.58)	
	>50 KW	8.84	6.01	7.31	1.21	(0.69)	1.20	0.82	1.00	0.82		(0.06)	0.00	(0.05)	0.10	(0.66)	
	Other																
	0-20 KW	7.39	4.86	7.31	1.01	(0.58)	0.97	19.50	1.00	19.50		(1.13)	0.06	(1.07)	1.90	(0.55)	
	>20-50 KW	10.43	7.44	7.31	1.43	(0.82)	1.49	6.37	1.00	6.37		(0.52)	0.03	(0.49)	0.95	(0.77)	
	>50 KW	10.52	7.84	7.31	1.44	(0.83)	1.57	7.85	1.00	7.85		(0.65)	0.04	(0.61)	1.23	(0.78)	
	LT XI: LT – Electric Vehicle (EV) Charging Station	5.50	4.05	7.31	0.75	(0.43)	0.81	0.04	1.00	0.04		(0.00)	0.00	(0.00)	0.00	(0.41)	
	Total LT Category					(15.75)		2,498.77		2,498.77		(150.94)	8.32	(142.63)	260.94		-

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

S. No.	Consumer categories	Apr-20															
		ABR	Energy Charges	Average Cost of Supply	K - Factor= ABR/ACoS	Categories wise FAC without cap	Categories wise FAC with cap	Sales	PF%	Sales kWh	Rate per HP	FAC Amt. without cap	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under Recovery	FAC amount with CAP	Rate	Rate
		Rs./kWh	Rs./kWh	Rs./kWh				MU								Rs./kWh	Rs./kVah
	HT Category																
	HT																
	Industry (General)	8.55	7.02	7.31	1.19	(0.68)	1.43	887.85	0.98	871.09		(59.61)	3.28	(56.32)	124.65	(0.65)	(0.63)
	Industry (Seasonal)	10.22	7.28	7.31	1.62	(0.93)	1.68	7.59	0.86	6.57		(0.61)	0.03	(0.58)	1.11	(0.88)	(0.76)
	Commercial	13.46	11.47	7.31	1.90	(1.09)	2.36	97.90	0.97	95.05		(10.35)	0.57	(9.78)	22.46	(1.03)	(1.00)
	Railways/Metro/Monorail	8.40	6.76	7.31	1.16	(0.67)	1.37	5.80	0.99	5.73		(0.38)	0.02	(0.36)	0.78	(0.63)	(0.62)
	Public Water Works (PWW)	7.39	6.07	7.31	1.06	(0.61)	1.27	148.14	0.96	141.63		(8.60)	0.47	(8.12)	17.98	(0.57)	(0.55)
	Agricultural - Pumpsets	4.74	3.79	7.31	0.72	(0.42)	0.85	58.92	0.90	52.76		(2.19)	0.12	(2.07)	4.47	(0.39)	(0.35)
	Agricultural - Others	6.01	5.20	7.31	0.86	(0.49)	1.09	25.94	0.96	24.84		(1.22)	0.07	(1.16)	2.70	(0.47)	(0.45)
	Group Housing Society (Residential)	7.27	5.70	7.31	1.02	(0.59)	1.17	18.38	0.97	17.84		(1.05)	0.06	(0.99)	2.09	(0.56)	(0.54)
	Public Services - Government	9.28	7.74	7.31	1.30	(0.75)	1.59	18.17	0.97	17.68		(1.32)	0.07	(1.25)	2.81	(0.71)	(0.69)
	Public Services - Others	11.25	9.48	7.31	1.58	(0.90)	1.94	48.37	0.98	47.26		(4.27)	0.24	(4.04)	9.17	(0.85)	(0.83)
	Electric Vehicle Charging Stations	8.29	4.93	7.31	1.14	(0.66)	0.99	0.01	0.99	0.01		(0.00)	0.00	(0.00)	0.00	(0.62)	(0.62)
	EHV			7.31	-	-	-			-							
	Industry (General)	8.36	7.02	7.31	1.16	(0.66)	1.42	477.80	0.99	473.00		(31.36)	1.73	(29.64)	67.08	(0.63)	(0.62)
	Industry (Seasonal)	11.01	7.28	7.31	1.52	(0.87)	1.47	0.07	0.99	0.07		(0.01)	0.00	(0.01)	0.01	(0.83)	(0.82)
	Commercial	14.58	11.47	7.31	2.00	(1.15)	2.31	1.22	0.99	1.21		(0.14)	0.01	(0.13)	0.28	(1.09)	(1.08)
	Railways/Metro/Monorail	7.08	6.76	7.31	1.62	(0.93)	2.27	0.51	0.60	0.31		(0.03)	0.00	(0.03)	0.07	(0.88)	(0.53)
	Public Water Works (PWW)	6.67	6.07	7.31	0.92	(0.53)	1.22	30.19	1.00	30.08		(1.58)	0.09	(1.49)	3.66	(0.50)	(0.49)
	Agricultural - Pumpsets	3.95	3.79	7.31	0.60	(0.34)	0.83	128.64	0.91	116.81		(3.99)	0.22	(3.77)	9.75	(0.32)	(0.29)
	Agricultural - Others		5.20	7.31	-	-	1.04			-		-	-	-	-	-	-
	Group Housing Society (Residential)	5.70	5.70	7.31	0.80	(0.46)	1.17	2.40	0.97	2.33		(0.11)	0.01	(0.10)	0.27	(0.44)	(0.42)
	Public Services - Government		7.74	7.31	-	-	1.55			-		-	-	-	-	-	-
	Public Services - Others	10.13	9.48	7.31	1.39	(0.80)	1.90	8.36	1.00	8.35		(0.67)	0.04	(0.63)	1.59	(0.75)	(0.75)
	Electric Vehicle Charging Stations		4.93	7.31	-	-	0.99			-		-	-	-	-	-	-
	Total HT Category					(13.53)	31.91	1,966.27		1,912.64		(127.49)	7.02	(120.46)	270.95		(12.04)
	Grand Total					(29.28)	31.91	4,465.04		4,411.41		(278.43)	15.34	(263.09)	531.89		(12.04)