

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Apr/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.032	462.380	1) Gujrat	2.458	4.924
2) Hydro	33.918	81.834	2) Madhya Pradesh	17.162	46.676
3) Gas	3.594	11.820	3) Chattisgarh	3.440	10.780
Total MSPGCL	192.544	556.034	4) Maharashtra	144.186	446.910
B) 1) APML	60.130	180.127	5) Goa (Amona)	-1.292	-3.887
2) JSWEL	12.717	36.038	Total	165.954	505.403
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.290	78.224
4) RPL(AMT)	31.368	94.119	b) Mumbai Drawl	22.174	72.273
5) SWPGPL	9.096	27.070	c) MSEDCL Bilateral *	41.548	110.266
6) Other IPP	23.495	70.726	Include PX	12.525	22.868
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.290	78.224
C) 1) TPCL Thermal	16.924	49.359	Include PX	5.810	19.188
2) TPCL Hydro	2.197	8.125	Standby	0.000	0.000
3) TPCL Gas	3.476	8.491	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.014	35.666	1) MSEDCL	497.785	1474.642
D) STATE			2) Mumbai Discoms	56.785	173.914
1) Thermal	320.776	955.485	TOTAL STATE	554.570	1648.556
(A1+C1+C4+(B1-B6))					
2) Hydro	36.115	89.959			
(A2+C2)					
3) Gas	7.070	20.311			
(A3+B7+C3)					
4) Wind	15.015	51.289			
6) SOLAR	9.640	26.109			
TOTAL STATE	388.616	1143.153			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6447	6448	6493	6446
MSPGCL Hydro	1800	1607	862	1371
MSPGCL Gas	145	154	158	160
MSPGCL Total Generation	8392	8209	7513	7977
Central Sector Receipt	8414	8114	6240	5968
WIND	175	238	1201	563
CPP / IPP Thermal	5632	5655	5735	5680
CPP / IPP Gas	0	0	0	0
SOLAR	1323	1286	0	0
Exchange with Mumbai	-1222	-1182	-1020	-583
MSEDCL DEMAND MET	22714	22320	19669	19605
Load Shedding	0	0	0	0
MSEDCL DEMAND	22714	22320	19669	19605
TPCL GENERATION	1053	1070	1023	845
AEML GENERATION	501	501	500	500
MUMBAI DEMAND	2776	2753	2543	1928
STATE DEMAND MET	25490	25073	22212	21533
STATE DEMAND	25490	25073	22212	21533
Frequency (Hz)	49.96	49.96	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.71 Hz at 05.55 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 03/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	5.42	0	0
Unit 7	2.62	9.01	142	0
Unit 8	13.54	39.35	605	470
Unit 9	9.29	27.28	460	290
Unit 10	0.00	0.00	0	0
Total	25.45	81.07		
Bhusawal				
Unit 3	0.00	4.17	0	0
Unit 4	11.94	35.26	500	495
Unit 5	11.83	35.38	500	475
Total	23.77	74.81		
Parli				
Unit 6	5.97	16.26	250	244
Unit 7	5.61	17.31	248	151
Unit 8	5.41	16.06	239	208
Total	17.00	49.63		
Chandrapur				
Unit 3	3.64	3.77	162	105
Unit 4	0.00	0.00	0	0
Unit 5	10.06	22.92	430	400
Unit 6	9.46	28.58	415	345
Unit 7	0.00	0.00	0	0
Unit 8	11.48	35.00	493	460
Unit 9	11.40	33.48	492	449
Total	46.05	123.75		
Paras				
Unit 3	5.86	17.52	252	234
Unit 4	4.94	16.92	252	126
Total	10.80	34.44		
Khaparkheda				
Unit 1	2.88	9.08	135	105
Unit 2	3.07	9.52	140	115
Unit 3	3.52	12.12	155	120
Unit 4	3.55	11.66	165	135
Unit 5	9.48	28.21	410	380
Total	22.50	70.60		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.78	14.09	204	191
Unit 5	4.70	13.99	201	178
Total	9.48	28.08		
Uran				
All Units	3.59	11.82	160	145
Total	3.59	11.82		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.05	0.10	25	0
Total	0.05	0.10		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.90	17.55	540	40
Stage 4	14.66	31.16	1000	0
Stage 3	5.01	10.59	240	80
Total	26.56	59.31		
Hydro				
KDPH	0.86	2.59	36	36
VTRNA	0.71	2.36	60	0
TILLARI	0.40	1.25	58	0
BHIRA T.R.	0.10	0.42	67	0
SMLHY_PTN	4.83	14.60	213	189
GHATGHAR	0.45	1.30	250	0
Total	7.35	22.52		
Wind				
Total	15.02	51.29	0	0
Total	15.02	51.29		
CPP				
APML(Mus)	60.13	180.13	0	0
JSWEL(Mus)	12.72	36.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.37	94.12	0	0
SWPGPL-Mus	9.10	27.07	0	0
Other(Mus)	23.50	70.73	0	0
Total	136.81	408.08		
SOLAR				
Total	9.64	26.11	0	0
Total	9.64	26.11		
Tata				
Trombay 5	11.27	32.75	483	431
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.11	4.98	115	65
Trombay 7B	1.36	3.51	65	51
Trombay 8	5.65	16.61	239	232
TATA Hydro	2.20	8.12	238	0
Total	22.60	65.98		
AEML				
DTPS U-1&2	12.01	35.67	502	499
Total	12.01	35.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.03	462.38	MSPGCL Total	192.54	556.03
			MSPGCL Thml+Gas	158.63	474.20	Koyna 1,2 & 4 Total	21.56	48.72
			MSPGCL Hydro	33.92	81.83	State Total	388.62	1143.15

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Apr/2021

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6333	2023	148	8504	526	5763	0	0	6079	6306	-947	20152	0	20152	2293	22445	49.98
2	6414	1974	148	8536	530	5740	0	0	5950	6070	-791	20086	0	20086	2133	22218	49.93
3	6458	1824	149	8431	551	5702	0	0	6032	5830	-665	19848	0	19848	2006	21854	49.97
4	6446	1371	160	7977	563	5680	0	0	6108	5968	-583	19605	0	19605	1928	21533	50.01
5	6479	1339	148	7966	532	5677	0	0	6203	6283	-563	19895	0	19895	1876	21771	49.97
6	6502	1695	149	8346	475	5663	0	0	6648	6850	-559	20775	0	20775	1909	22684	49.86
7	6509	2029	149	8687	428	5696	0	38	7058	6972	-598	21224	0	21224	1943	23166	49.92
8	6550	2140	148	8838	352	5701	0	283	7058	7229	-673	21730	0	21730	2019	23749	49.97
9	6602	1520	159	8281	235	5638	0	642	7131	7527	-844	21478	0	21478	2217	23696	50.02
10	6569	1682	147	8398	256	5657	0	942	7438	7744	-1027	21970	0	21970	2489	24459	49.94
11	6473	1583	147	8203	185	5658	0	1129	8021	7992	-1148	22019	0	22019	2696	24715	49.99
12	6447	1800	145	8392	175	5632	0	1323	8461	8414	-1222	22714	0	22714	2776	25490	49.96
13	6448	1607	154	8209	238	5655	0	1286	8499	8114	-1182	22320	0	22320	2753	25073	49.96
14	6511	1015	145	7671	287	5694	0	1233	8353	8323	-1077	22130	0	22130	2637	24768	49.99
15	6503	1004	145	7652	388	5674	0	1116	8512	8517	-1123	22224	0	22224	2667	24890	49.95
16	6533	1305	155	7993	506	5688	0	873	8178	8047	-1146	21962	0	21962	2684	24646	49.96
17	6526	1760	145	8431	619	5698	0	549	7150	7098	-1119	21276	0	21276	2645	23922	49.98
18	6460	1557	147	8164	864	5725	0	210	6298	6287	-1088	20162	0	20162	2580	22742	49.98
19	6500	630	146	7276	975	5748	0	16	6040	5788	-1013	18790	0	18790	2518	21308	49.97
20	6493	862	158	7513	1201	5735	0	0	6021	6240	-1020	19669	0	19669	2543	22212	50.03
21	6274	422	148	6844	1330	5762	0	0	5917	5610	-898	18648	0	18648	2408	21056	50.02
22	6262	585	148	6995	1307	5745	0	0	5894	6149	-873	19323	0	19323	2349	21672	50.03
23	6321	959	148	7428	1231	5729	0	0	6103	6314	-972	19730	0	19730	2338	22068	50.00
24	6419	1232	158	7809	1261	5746	0	0	6148	6282	-1043	20054	0	20054	2378	22432	50.00
MUs	155.03	33.92	3.59	192.54	15.02	136.81	0.00	9.64	165.30	165.95	-22.17	497.78	0.00	497.78	56.79	554.57	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 03/Apr/2021

Position as on 6.30 Hrs of 04/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyana Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
IPP	JSW (J) U2	300	26/03/2021	01.13		Continued.	No Schedule	
MSPGCL	Koradi Unit 10	660	31/03/2021	23.48		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	01/04/2021	11.05		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	02/04/2021	00.02	04/04/2021	07.45	Outage for feedline leakage.	
MSPGCL	Koradi Unit 6	210	02/04/2021	12.19		Continued.	Fire in boiler electric board.	
MSPGCL	Uran Unit A0	120	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	03/04/2021	19.26	04/04/2021	03.23	ID Fan Problem	
MSPGCL	Parli Unit 8	250	04/04/2021	10.25	04/04/2021	19.43	Attending the CRH dummy line steam leakage.	
MSPGCL	Bhusawal Unit 3	210	04/04/2021	12.26		Continued.	Cooling water level down.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	02/04/2021	20.37	03/04/2021	06.25	EO	Urgent oil top up in the pole-2 smoothing reactor.
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13	03/04/2021	01.04	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34	03/04/2021	02.28	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Dhule Sar'Sarovar II	InterState	03/04/2021	19.00	04/04/2021	09.25	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/04/2021	18.03		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Chandrapur II - Chandrapur ckt 2	IntraState	03/04/2021	16.43	03/04/2021	23.03	T	Tie Breaker Teed Protection Operated At Chandrapur-2 End.
Koradi 2-IEPL	IntraState	04/04/2021	08.56	04/04/2021	19.20	PO	Erection of Gantry Tower, Beam and N/B Tightening work to be carried out during outage for 400kV, 125 MVAR Bus Shunt Reactor (bay no. 415).
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	25/03/2021	10.01		Continued.	PO	For Overhauling circuit breaker mechanism of 220kv Borivali 2 line.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Trombay - Kalwa	IntraState	01/04/2021	08.53		Continued.	PO	Replacement of conductor in between Loc. No. 56 to 58
Badnera-Akola li	IntraState	03/04/2021	09.27	03/04/2021	12.25	PO	For Measurement of B Ph CT Tan Delta.
Kamba - Kolshet	IntraState	03/04/2021	10.25	04/04/2021	16.45	PO	Breaker Overhauling work.
Versova (AEML)- Versova (TATA) ckt-2	IntraState	03/04/2021	10.33	03/04/2021	11.05	PO	Work On Protection Panel.
GIS KONDHWA NANDED CITY	IntraState	03/04/2021	11.24	03/04/2021	17.50	PO	CB CRM & Timing.
Jejuri- Ismt- Lonand	IntraState	03/04/2021	15.33	03/04/2021	18.55	PO	1. HV main bus isolator alignment work. Bus jump will be opened by hot line unit 2. To attend HV Y ph CT hotspot.
Trombay Salsette 1 Backbay	IntraState	03/04/2021	23.58	04/04/2021	05.55	PO	For metro work.
Trombay-Salsette II	IntraState	03/04/2021	23.58	04/04/2021	05.55	PO	For metro work.
220kv Halkarni- Tillary	IntraState	04/04/2021	13.25	04/04/2021	17.00	T	SF6 gas leakage at Halkarni end.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	03/04/2021	09.35	03/04/2021	15.00	PO	EMERGENCY OUTAGE For Attending OIL Top up In Main TANK & OLTC TANK In 220/132KV ICT-2.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	03/04/2021	10.08	03/04/2021	19.10	PO	For Diagnostic Testing and half yearly maintenance.
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	03/04/2021	17.50	03/04/2021	18.12	T	Tripped On Over Current.
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	03/04/2021	17.50	04/04/2021	23.30	T	Tripped On Internal Fault, Oil Leakage From Bushing LV Side.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	04/04/2021	17.15	04/04/2021	18.20	PO	Checking & setting of OTI and WTI temperature setting.