

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	173.961	2221.376	1) Gujrat	1.340	38.672
2) Hydro	10.766	211.576	2) Madhya Pradesh	15.187	173.806
3) Gas	6.616	82.994	3) Chattisgarh	4.700	47.710
Total MSPGCL	191.343	2515.946	4) Maharashtra	137.932	1839.415
B) 1) APML	57.188	774.400	5) Goa (Amona)	-1.228	-15.918
2) JSWEL	14.564	167.025	Total	157.931	2083.685
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.794	365.116
4) RPL(AMT)	30.964	399.420	b) Mumbai Drawl	27.490	378.905
5) SWPGPL	7.134	110.597	c) MSEDCL Bilateral *	34.375	472.256
6) Other IPP	18.880	243.203	Include PX	4.529	57.386
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.794	364.558
C) 1) TPCL Thermal	5.489	72.177	Include PX	11.992	199.196
2) TPCL Hydro	5.692	85.666	Standby	0.000	0.558
3) TPCL Gas	4.394	46.280	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.907	154.747	1) MSEDCL	468.175	6126.351
D) STATE			2) Mumbai Discoms	54.972	737.773
1) Thermal	320.087	4142.945	TOTAL STATE	523.147	6864.124
(A1+C1+C4+(B1-B6))					
2) Hydro	16.458	297.242			
(A2+C2)					
3) Gas	11.010	129.274			
(A3+B7+C3)					
4) Wind	9.214	104.341			
6) SOLAR	8.447	106.639			
TOTAL STATE	365.216	4780.441			

* 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	7439	7204	6968	7221
MSPGCL Hydro	782	651	497	143
MSPGCL Gas	265	255	270	293
MSPGCL Total Generation	8486	8110	7735	7657
Central Sector Receipt	7938	7749	6586	5610
WIND	276	171	445	576
CPP / IPP Thermal	4944	5350	5471	5064
CPP / IPP Gas	0	0	0	0
SOLAR	1158	1182	0	0
Exchange with Mumbai	-1370	-1430	-1223	-905
MSEDCL DEMAND MET	21432	21132	19014	18002
Load Shedding	0	0	0	0
MSEDCL DEMAND	21432	21132	19014	18002
TPCL GENERATION	763	707	830	442
AEML GENERATION	500	500	499	499
MUMBAI DEMAND	2633	2637	2552	1846
STATE DEMAND MET	24065	23769	21566	19848
STATE DEMAND	24065	23769	21566	19848
Frequency (Hz)	49.96	50.00	50.01	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:02 Hrs	49.69 Hz at 15:25 Hrs	49.99	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 13/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.48	35.63	190	120
Unit 7	3.10	29.10	145	115
Unit 8	11.19	141.10	562	338
Unit 9	11.72	144.88	540	450
Unit 10	11.10	146.49	565	380
Total	40.59	497.21		
Bhusawal				
Unit 3	3.75	52.67	185	125
Unit 4	6.88	142.54	355	275
Unit 5	11.66	151.84	495	460
Total	22.29	347.05		
Parli				
Unit 6	5.05	71.21	250	129
Unit 7	5.31	45.60	248	187
Unit 8	5.45	73.44	250	200
Total	15.81	190.24		
Chandrapur				
Unit 3	3.29	40.48	144	122
Unit 4	3.39	46.68	150	130
Unit 5	10.05	130.86	431	409
Unit 6	10.10	129.56	425	412
Unit 7	0.00	0.00	0	0
Unit 8	11.91	153.40	500	488
Unit 9	11.54	148.47	495	446
Total	50.28	649.45		
Paras				
Unit 3	5.07	65.72	245	187
Unit 4	5.30	33.01	246	128
Total	10.37	98.73		
Khaparkheda				
Unit 1	2.90	41.42	130	110
Unit 2	3.82	49.59	160	145
Unit 3	4.39	59.44	195	174
Unit 4	4.40	57.14	200	145
Unit 5	11.28	136.85	500	445
Total	26.80	344.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.89	51.22	200	125
Unit 5	3.92	43.03	196	130
Total	7.82	94.26		
Uran				
All Units	6.62	82.99	294	252
Total	6.62	82.99		
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)	0.12	1.74	20	0
Total	0.12	1.74		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.32	53.50	365	40
Stage 4	0.89	73.40	245	0
Stage 3	0.93	27.54	80	0
Total	5.13	154.45		
Hydro				
KDPH	0.86	8.97	36	36
VTRNA	0.82	4.77	59	0
TILLARI	0.47	5.99	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	4.81	80	0
RNGR+BHTSA	0.32	4.43	14	13
BHANDARDRA	0.44	5.68	27	13
ELDARY	0.36	3.89	15	14
SMLHY_PTN	0.38	6.56	16	15
GHATGHAR	1.62	12.02	250	0
Total	5.63	57.13		
Wind				
Total	9.21	104.34	0	0
Total	9.21	104.34		
CPP				
APML(Mus)	57.19	774.40	0	0
JSWEL(Mus)	14.56	167.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.96	399.42	0	0
SWPGPL-Mus	7.13	110.60	0	0
Other(Mus)	18.88	243.20	0	0
Total	128.73	1694.64		
SOLAR				
Total	8.45	106.64	0	0
Total	8.45	106.64		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	28.19	117	112
Trombay 7B	1.62	18.09	68	67
Trombay 8	5.49	72.18	236	176
TATA Hydro	5.69	85.67	417	0
Total	15.58	204.12		
AEML				
DTPS U-1&2	11.91	154.75	501	413
Total	11.91	154.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	173.96	2221.38	MSPGCL Total	191.34	2515.95
			MSPGCL Thml+Gas	180.58	2304.37	Koyna 1,2 & 4 Total	4.21	126.90
			MSPGCL Hydro	10.77	211.58	State Total	365.22	4780.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/2021

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	7247	152	291	7690	585	5079	0	0	6042	5838	-1242	17950	0	17950	2158	20108	49.97
2	7264	327	283	7874	505	5083	0	0	5941	5927	-1123	18266	0	18266	2039	20305	49.94
3	7219	132	282	7633	506	5121	0	0	5842	5782	-920	18122	0	18122	1920	20042	49.97
4	7221	143	293	7657	576	5064	0	0	5785	5610	-905	18002	0	18002	1846	19848	49.94
5	7213	138	294	7645	413	5259	0	0	5899	5803	-891	18229	0	18229	1806	20035	50.03
6	7304	133	293	7730	519	5341	0	0	6463	6398	-811	19177	0	19177	1842	21019	50.04
7	7585	555	274	8414	610	5517	0	12	6665	6363	-789	20127	0	20127	1890	22017	50.01
8	7700	482	293	8475	587	5597	0	149	6969	6826	-666	20968	0	20968	1958	22926	50.00
9	7590	487	292	8369	576	5660	0	485	6689	6579	-814	20855	0	20855	2131	22986	50.05
10	7498	549	271	8318	416	5459	0	793	6880	6413	-1163	20236	0	20236	2354	22590	50.04
11	7360	585	278	8223	391	5023	0	1033	7472	7326	-1263	20733	0	20733	2562	23295	50.04
12	7439	782	265	8486	276	4944	0	1158	7893	7938	-1370	21432	0	21432	2633	24065	49.96
13	7204	651	255	8110	171	5350	0	1182	7521	7749	-1430	21132	0	21132	2637	23769	50.00
14	7098	623	253	7974	139	5361	0	1138	7586	7214	-1371	20455	0	20455	2535	22990	49.96
15	7133	625	252	8010	100	5356	0	1025	7977	7693	-1424	20760	0	20760	2579	23339	49.84
16	7217	827	254	8298	112	5519	0	783	7939	7715	-1386	21041	0	21041	2615	23656	49.89
17	7280	724	266	8270	166	5770	0	500	7229	6941	-1322	20325	0	20325	2589	22914	49.99
18	7251	632	257	8140	298	5790	0	177	6631	6393	-1203	19595	0	19595	2523	22118	50.02
19	7040	303	289	7632	403	5617	0	12	6266	5861	-1181	18344	0	18344	2505	20849	49.98
20	6968	497	270	7735	445	5471	0	0	6285	6586	-1223	19014	0	19014	2552	21566	50.01
21	6930	315	270	7515	426	5077	0	0	5827	6050	-1135	17933	0	17933	2464	20397	50.03
22	6976	426	280	7682	341	5142	0	0	6052	6310	-1232	18243	0	18243	2358	20601	50.03
23	7079	267	281	7627	332	5526	0	0	6208	6388	-1324	18549	0	18549	2256	20805	50.00
24	7145	411	280	7836	321	5604	0	0	6250	6228	-1302	18687	0	18687	2220	20907	50.02
MUs	173.96	10.77	6.62	191.34	9.21	128.73	0.00	8.45	160.31	157.93	-27.49	468.17	0.00	468.17	54.97	523.15	49.99

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 13/Mar/2021

Position as on 6.30 Hrs of 14/Mar/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57	14/03/2021	20.00	Gas shortage	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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	
MSPGCL	Parli Unit 6	250	13/03/2021	23.43		Continued.	Boiler validity work	
MSPGCL	Bhusawal Unit 4	500	14/03/2021	21.55		Continued.	Boiler Flame Failure.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 13/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 14/Mar/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/Tripping							
HVDC Pole-I	IntraState	12/03/2021	20.58	13/03/2021	00.51	EO	Non-base filter at Chandrapur.
400 KV LINE Outages/Tripping							
Karad - Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	12/03/2021	09.27		Continued.	PO	Replacement of damaged earthwire and PID suspicious disc insulator replacement, other maintenance work.
Chandrapur - Khaperkheda	IntraState	12/03/2021	22.03	13/03/2021	06.33	T	Distance Protection
Koradi III(Adani)-Koradi II ckt 2	IntraState	12/03/2021	22.41	13/03/2021	02.35	EO	B-phase CVT open.
Bus Coupler @ Padgha	IntraState	13/03/2021	02.19	13/03/2021	04.40	EO	Attending Hot Spot
Girwali - Lonikand 1	IntraState	14/03/2021	12.54	14/03/2021	19.25	PO	Hardware Tightening & fitting Work.
400 KV ICT Outages/Tripping							
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/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Boisar(MS) - Boisar (PG) II	InterState	13/03/2021	05.13	13/03/2021	08.20	EO	Attending Hot Spot
Boiser(M)-Boiser(PG) -III	InterState	14/03/2021	09.04	14/03/2021	18.47	PO	WT Replacement work
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Kalmeshwar-Pandhurna	IntraState	08/03/2021	14.01		Continued.	PO	Routine Maintenance Work
Butibori - Khaperkheda	IntraState	12/03/2021	21.50	13/03/2021	10.05	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	12/03/2021	22.12	13/03/2021	03.52	HT	For Load management.
Urse-Chinchwad (ST tap)	IntraState	12/03/2021	22.57	13/03/2021	03.48	EO	Attending Hot Spot
Chandrapur(MIDC)-Ballarshah II	IntraState	13/03/2021	08.14	13/03/2021	17.11	PO	Replacement of R-PH CT Due to oil leakage problem.
Nanded-Ghatodi	IntraState	13/03/2021	11.11	13/03/2021	14.11	PO	Replacement of Y-PH flashover string at loc no 219.
Uran - Kharghar I	IntraState	13/03/2021	11.26	13/03/2021	16.27	PO	For Overhauling of Circuit Breaker Mechanism of 220kV.Uran - Kharghar I line.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	13/03/2021	11.50	13/03/2021	18.04	PO	Diagnostics and Relay testing work.
Chalisgaon-Malegaon	IntraState	13/03/2021	12.34	13/03/2021	12.35	PO	Replacement of bypass jumpers at loc.no.97 and reconnect the jumpers of both 220kv dhule-chalisgaon and 220kv dhule-malegaon at location no.97.
Dhule - Malegaon	IntraState	13/03/2021	13.16	13/03/2021	18.45	PO	Replacement of bypass jumpers at loc.no.97 and reconnect the jumpers of both 220kv dhule-chalisgaon and 220kv dhule-malegaon at location no.97.
Dhule-Chalisgaon	IntraState	13/03/2021	13.16	13/03/2021	18.17	PO	Replacement of bypass jumpers at loc.no.97 and reconnect the jumpers of both 220kv dhule-chalisgaon and 220kv dhule-malegaon at location no.97.
Babhaleshtar - Degaon Rangari	IntraState	13/03/2021	13.41	13/03/2021	18.39	PO	Height raising/shifting of three locations (loc 45-47 for) for samruddhi highway crossing.
Waluj - Degaon Rangari	IntraState	13/03/2021	13.47	14/03/2021	14.51	PO	Height Raising/Shifting Of Tree

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 13/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Location For Smruddhi Highway Crossing.
Kharghar-Sonkhar	IntraState	13/03/2021	20.59	13/03/2021	23.18	EO	Attending Hot Spot
Dhule-Amalner(220kv)	IntraState	14/03/2021	06.50	14/03/2021	07.43	T	LTS Op At 400 KV Dhule S/S.132KV Amalner And Parola Tripped Load Of 67 MW Affected.
Boisar Versova Line	IntraState	14/03/2021	08.50	14/03/2021	18.53	HT	HT For Load Management.
BOISAR BORIVALI	IntraState	14/03/2021	08.55	14/03/2021	18.55	HT	HT For Load Management.
UTECH SUGAR BABHALESHWAR	IntraState	14/03/2021	09.06	14/03/2021	10.45	PO	Diagnostic testing Work.
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	14/03/2021	11.52	14/03/2021	20.03	HT	Reorientation Work Of Waluj TT Ckt 1.
Babhaleshwar - Degaon Rangari	IntraState	14/03/2021	13.00	14/03/2021	14.51	PO	Diagnostic testing Work.
Chalisgaon -Babhaleshwar	IntraState	14/03/2021	16.56	14/03/2021	18.16	PO	Diagnostic testing Work.
Dhule-Chalisagaon	IntraState	14/03/2021	18.30	14/03/2021	22.53	HT	Outage Of Dhule ICT.
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	14/03/2021	18.46	14/03/2021	20.07	HT	to Facilitate outage on 220KV Nashik-Babhleshwar-CKT-1.
Miraj - Tilwani	IntraState	14/03/2021	19.13	14/03/2021	19.30	T	B-PH to Earth Fault.9 KM, 7 KAMP. From Miraj.
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	14/03/2021	19.17	14/03/2021	20.05	PO	Line Signature Analysis.
220 KV ICT Outages/Trippings							
220kv 200MVA ICT IV @ OCR Nashik	IntraState	13/03/2021	09.46	13/03/2021	17.17	PO	Fire protection system through maintenance. testing & trials, OL TC overhauling work.
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	14/03/2021	08.36	14/03/2021	17.15	EO	Emergency outage For attending Oil Leakage from Top Plate.

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