

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.543	1387.195	1) Gujrat	6.256	52.527
2) Hydro	9.001	171.732	2) Madhya Pradesh	6.321	91.234
3) Gas	5.979	99.310	3) Chattisgarh	5.300	73.390
Total MSPGCL	106.523	1658.237	4) Maharashtra	136.070	1835.205
B) 1) APLM	30.462	396.093	5) Goa (Amona)	-1.010	-17.448
2) JSWEL	20.527	259.865	Total	152.937	2034.908
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.540	363.852
4) RPL(AMT)	25.312	335.989	b) Mumbai Drawl	22.846	327.982
5) SWPGPL	2.793	72.762	c) MSEDCL Bilateral *	43.125	503.292
6) Other IPP	8.139	107.301	Include PX	13.802	107.278
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.540	363.813
C) 1) TPCL Thermal	12.717	174.870	Include PX	12.632	195.747
2) TPCL Hydro	1.610	51.405	Standby	0.000	0.039
3) TPCL Gas	3.781	54.420	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.922	69.788	1) MSEDCL	373.268	4985.016
D) STATE			2) Mumbai Discoms	45.876	678.465
1) Thermal	196.415	2803.863	TOTAL STATE	419.144	5663.481
(A1+C1+C4+(B1-B6))					
2) Hydro	10.611	223.137			
(A2+C2)					
3) Gas	9.760	153.730			
(A3+B7+C3)					
4) Wind	42.683	362.302			
6) SOLAR	6.738	85.541			
TOTAL STATE	266.207	3628.573			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3923	3679	3889	3618
MSPGCL Hydro	514	494	366	248
MSPGCL Gas	236	235	305	228
MSPGCL Total Generation	4673	4408	4560	4094
Central Sector Receipt	7111	7290	5722	5503
WIND	1278	1611	2029	2087
CPP / IPP Thermal	3523	3384	3913	3295
CPP / IPP Gas	0	0	0	0
SOLAR	871	769	0	0
Exchange with Mumbai	-931	-886	-916	-899
MSEDCL DEMAND MET	16525	16576	15308	14080
Load Shedding	0	0	0	0
MSEDCL DEMAND	16525	16576	15308	14080
TPCL GENERATION	831	852	953	596
AEML GENERATION	251	251	250	147
MUMBAI DEMAND	2013	1989	2119	1642
STATE DEMAND MET	18538	18565	17427	15722
STATE DEMAND	18538	18565	17427	15722
Frequency (Hz)	50.02	49.97	49.95	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05.28 Hrs	49.81 Hz at 17.31 Hrs	50.01	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/Jun/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	3.87	0	0
Unit 9	13.30	66.88	590	495
Unit 10	10.90	146.84	512	410
Total	24.20	217.59		
Bhusawal				
Unit 3	0.00	9.52	0	0
Unit 4	0.00	103.37	0	0
Unit 5	0.00	73.02	0	0
Total	0.00	185.90		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	10.27	0	0
Total	0.00	10.27		
Chandrapur				
Unit 3	0.00	23.56	0	0
Unit 4	3.72	42.79	165	122
Unit 5	8.28	117.18	380	290
Unit 6	8.40	116.75	396	290
Unit 7	0.00	0.00	0	0
Unit 8	10.85	114.54	470	415
Unit 9	10.84	102.18	461	430
Total	42.09	517.01		
Paras				
Unit 3	0.00	42.62	0	0
Unit 4	0.00	47.54	0	0
Total	0.00	90.17		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	3.11	46.60	175	115
Unit 3	3.66	50.73	194	130
Unit 4	3.63	47.90	202	130
Unit 5	11.58	144.59	500	435
Total	21.98	317.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.27	48.32	176	125
Unit 5	0.00	0.00	0	0
Total	3.27	48.32		
Uran				
All Units	5.98	99.31	366	214
Total	5.98	99.31		
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)	0.52	4.89	25	18
Total	0.52	4.89		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.69	33.85	210	35
Stage 4	0.20	32.27	97	0
Stage 3	0.44	16.15	80	0
Total	2.33	82.27		
Hydro				
KDPH	0.00	1.50	0	0
VTRNA	0.78	10.11	59	0
TILLARI	0.58	7.86	58	0
BHIRA T.R.	0.17	3.18	80	0
SMLHY_PTN	5.14	63.46	222	204
GHATGHAR	0.00	3.36	0	0
Total	6.67	89.46		
Wind				
Total	42.68	362.30	0	0
Total	42.68	362.30		
CPP				
APML(Mus)	30.46	396.09	0	0
JSWEL(Mus)	20.53	259.86	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.31	335.99	0	0
SWPGPL-Mus	2.79	72.76	0	0
Other(Mus)	8.14	107.30	0	0
Total	87.23	1172.01		
SOLAR				
Total	6.74	85.54	0	0
Total	6.74	85.54		
Tata				
Trombay 5	8.33	113.42	411	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	34.35	117	58
Trombay 7B	1.44	20.07	66	46
Trombay 8	4.39	61.46	220	136
TATA Hydro	1.61	51.40	165	0
Total	18.11	280.70		
AEMIL				
DTPS U-1&2	4.92	69.79	252	146
Total	4.92	69.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.54	1387.20	MSPGCL Total	106.52	1658.24
			MSPGCL Thml+Gas	97.52	1486.50	Koyna 1,2 & 4 Total	1.89	66.12
			MSPGCL Hydro	9.00	171.73	State Total	266.21	3628.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Jun/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	3917	277	238	4432	1882	3915	0	0	5760	5378	-992	14615	0	14615	1905	16520	50.02
2	3806	253	228	4287	2131	3796	0	0	5673	5148	-1038	14324	0	14324	1794	16118	50.04
3	3653	259	237	4149	2204	3313	0	0	5632	5380	-958	14088	0	14088	1702	15790	50.00
4	3618	248	228	4094	2087	3295	0	0	5250	5503	-899	14080	0	14080	1642	15722	50.01
5	3810	244	249	4303	1834	3522	0	0	5386	5679	-889	14449	0	14449	1626	16075	50.05
6	3839	249	229	4317	1678	3619	0	0	6353	6392	-917	15089	0	15089	1662	16751	50.06
7	4033	394	239	4666	1548	3860	0	58	7153	7241	-818	16555	0	16555	1679	18234	49.97
8	4001	342	238	4581	1247	3906	0	185	7173	7014	-696	16237	0	16237	1754	17991	50.06
9	3889	585	239	4713	1242	3919	0	366	6955	7123	-781	16582	0	16582	1853	18435	50.05
10	3878	602	227	4707	1194	3862	0	668	6897	6681	-855	16257	0	16257	1957	18214	50.04
11	3923	514	236	4673	1278	3523	0	871	7179	7111	-931	16525	0	16525	2013	18538	50.02
12	3858	437	233	4528	1483	3362	0	857	7379	7210	-934	16506	0	16506	2026	18532	49.99
13	3638	398	214	4250	1393	3267	0	888	7256	7234	-935	16097	0	16097	2019	18116	50.00
14	3628	401	236	4265	1453	3263	0	872	7111	7075	-915	16013	0	16013	1988	18001	50.01
15	3679	494	235	4408	1611	3384	0	769	7094	7290	-886	16576	0	16576	1989	18565	49.97
16	3718	378	224	4320	1893	3548	0	618	6963	6996	-890	16485	0	16485	1976	18461	50.00
17	3706	370	224	4300	2092	3573	0	351	6677	6705	-863	16158	0	16158	1939	18097	49.99
18	3759	439	240	4438	2350	3394	0	191	6530	6362	-932	15803	0	15803	1903	17706	49.93
19	3787	331	244	4362	2207	3570	0	44	6096	6241	-1101	15323	0	15323	1914	17237	50.00
20	3843	493	250	4586	2051	3820	0	0	6081	5989	-1079	15367	0	15367	1996	17363	50.04
21	3889	366	305	4560	2029	3913	0	0	5890	5722	-916	15308	0	15308	2119	17427	49.95
22	3929	302	297	4528	1981	3920	0	0	5767	5894	-1078	15245	0	15245	2119	17364	50.00
23	3966	363	323	4652	2016	3875	0	0	5556	5789	-1256	15076	0	15076	2134	17210	49.99
24	3776	262	366	4404	1799	3814	0	0	5948	5780	-1287	14510	0	14510	2167	16677	49.97
MUs	91.54	9.00	5.98	106.52	42.68	87.23	0.00	6.74	153.76	152.94	-22.85	373.27	0.00	373.27	45.88	419.14	50.01

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/Jun/2021

Position as on 6.30 Hrs of 14/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkheda Unit 1	210	11/06/2021	23.58		Continued.	Annual 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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
IPP	SWPGPL U-4	135	08/06/2021	00.04		Continued.	Zero Schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	08/06/2021	00.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	08/06/2021	10.59		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	08/06/2021	13.15		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U4	300	09/06/2021	00.01		Continued.	CW Duct leakage	
MSPGCL	Paras Unit 3	250	10/06/2021	16.00		Continued.	Zero scheduled given by MSEDCL	
MSPGCL	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Jun/2021

Position as on 6.30 Hrs of 14/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 8	108	12/06/2021	11.17	13/06/2021	17.38	Bus 1 Tripped on LBB	
MSPGCL	Uran Unit B0	120	12/06/2021	11.17	13/06/2021	22.33	Bus 1 Tripped on LBB	

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

Statement-VII

Position as on 6.30 Hrs of 14/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	11/06/2021	10.11		Continued.	PO	Attending The SF6 Gas Leakage In Circuit Breaker At 765 KV APML/TIRORA SS.
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
Khadka-Aurangabad (Waluj)	IntraState	11/06/2021	18.09	13/06/2021	06.17	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	12/06/2021	18.24	13/06/2021	07.30	T	Distance Protection
Karad-Jaigad - I	IntraState	13/06/2021	01.58	14/06/2021	09.27	HT	Over Voltage
karad -kolhapur-I	IntraState	13/06/2021	02.03	13/06/2021	11.48	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	13/06/2021	09.42	13/06/2021	14.14	EO	Replacement of Old jumper
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	13/06/2021	14.45	13/06/2021	21.02	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	14/06/2021	01.23	14/06/2021	06.32	HT	Over Voltage
Koradi 2-IEPL	IntraState	14/06/2021	06.07		Continued.	PO	Re Stringing For Increasing Ground Clearance Of Conductor LOC 10-11.
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.(FTC DT 16/08/2021 At 14.42)
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	09/06/2021	09.55		Continued.	PO	Pre-Monsoon Maintenance Work.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	14/06/2021	11.39	14/06/2021	19.55	PO	1. Pre monsoon activities 2. Alignment of 89C Isolator.
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)
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05		Continued.	PO	In Pointing Y-Ph Cable Sheath Fault Between Section JC-14 To JC-16.(sock test at 22.54 dt.03/07/21)
Midc Chandrapur-Gadchandur	IntraState	13/06/2021	17.16	14/06/2021	05.40	T	Distance Protection
Chandrapur(MIDC)-Ballarshah II	IntraState	13/06/2021	17.16	13/06/2021	18.47	T	Distance Protection
Dahanu Versova	IntraState	14/06/2021	08.43	14/06/2021	19.38	PO	Breaker Pole overhauling.
Purti-Bhugaon	IntraState	14/06/2021	10.14	14/06/2021	15.40	PO	1)For Rectifying the AR Relay Operation By Testing Unit Wardha 2) For Tan Delta Measurement Of Ct, Cc At 220kbvWardha SS 3) Line Signature Measurement By.
Tata Borivli MSETCL Borivli 5	IntraState	14/06/2021	10.35	14/06/2021	13.45	PO	Emergency tree trimming in span 38-41.
JEJURI (400 Kv) - GIS KONDHWA	IntraState	14/06/2021	11.14	14/06/2021	12.33	PO	Hot line work for attending hot spot.loc.No.01, R-phase,Jejuri side.Loc NO.03 R phase,Jejuri side.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	14/06/2021	12.48	14/06/2021	19.30	PO	Diagnostic Testing & Annual Relay Testing Work at JALKOT end.
Tata Borivli MSETCL Borivli 4	IntraState	14/06/2021	13.55	14/06/2021	16.00	PO	Emergency tree trimming in span 38-41.

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/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 14/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	14/06/2021	09.51	14/06/2021	20.45	PO	For oil leakage attending of ICT-1.
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	14/06/2021	10.39	14/06/2021	18.08	PO	1) Bushing Tan Delta & Ct Tan Delta 2) Relay Testing Work 3)Pre monsoon Maintenance Work Of ICT.
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	14/06/2021	11.17	14/06/2021	19.00	PO	During Normal /Transfer Switch Shifting on Transfer Position Protection Not Transferred On TBC to Be Rectified By Testing.
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	14/06/2021	12.00	14/06/2021	16.39	PO	For replacement of faulty Governor meter.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	14/06/2021	14.25	14/06/2021	17.10	PO	1.Pre-monsoon maintenance work 2.Quarterly maintenance work 3.Diagnostic testing work.

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