

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/May/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.622	1137.467	1) Gujrat	-1.233	-20.133
2) Hydro	28.460	202.682	2) Madhya Pradesh	12.493	101.611
3) Gas	9.985	85.098	3) Chattisgarh	6.920	52.990
Total MSPGCL	158.067	1425.247	4) Maharashtra	128.861	1247.507
B) 1) APLM	70.308	638.556	5) Goa (Amona)	-1.552	-17.048
2) JSWEL	21.703	151.749	Total	145.489	1364.927
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.155	217.220
4) RPL(AMT)	31.313	275.806	b) Mumbai Drawl	23.941	212.289
5) SWPGPL	8.841	73.358	c) MSEDCL Bilateral *	39.157	312.964
6) Other IPP	12.718	130.183	Include PX	5.103	28.005
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.155	217.220
C) 1) TPCL Thermal	12.163	129.691	Include PX	8.320	79.608
2) TPCL Hydro	2.019	35.898	Standby	0.000	0.000
3) TPCL Gas	4.044	39.017	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.027	97.115	1) MSEDCL	441.938	3999.802
D) STATE			2) Mumbai Discoms	54.194	514.010
1) Thermal	288.695	2633.925	TOTAL STATE	496.132	4513.812
(A1+C1+C4+(B1-B6))					
2) Hydro	30.479	238.580			
(A2+C2)					
3) Gas	14.029	124.115			
(A3+B7+C3)					
4) Wind	10.994	90.762			
6) SOLAR	6.446	61.503			
TOTAL STATE	350.643	3148.885			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4898	4750	5149	5096
MSPGCL Hydro	1107	1623	551	1413
MSPGCL Gas	417	408	413	415
MSPGCL Total Generation	6422	6781	6113	6924
Central Sector Receipt	6536	7078	5679	5513
WIND	42	513	516	500
CPP / IPP Thermal	5998	5993	6119	6073
CPP / IPP Gas	0	0	0	0
SOLAR	973	578	0	0
Exchange with Mumbai	-933	-1079	-1165	-814
MSEDCL DEMAND MET	19038	19864	17262	18196
Load Shedding	0	0	0	0
MSEDCL DEMAND	19038	19864	17262	18196
TPCL GENERATION	730	713	777	878
AEML GENERATION	501	502	501	501
MUMBAI DEMAND	2164	2294	2443	2193
STATE DEMAND MET	21202	22158	19705	20389
STATE DEMAND	21202	22158	19705	20389
Frequency (Hz)	49.97	50.04	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 15.03 Hrs	49.85 Hz at 12.45 Hrs	50	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 09/May/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	11.83	110.78	547	380
Unit 9	12.73	31.07	560	450
Unit 10	10.14	96.15	535	325
Total	34.70	238.00		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.61	105.74	500	355
Unit 5	11.20	103.24	495	335
Total	22.81	222.67		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	1.01	15.76	130	0
Unit 4	0.00	0.00	0	0
Unit 5	9.18	33.79	415	290
Unit 6	9.54	84.70	410	370
Unit 7	0.00	0.00	0	0
Unit 8	7.38	74.43	360	292
Unit 9	7.38	72.56	355	294
Total	34.48	281.25		
Paras				
Unit 3	3.58	40.74	213	90
Unit 4	5.48	50.30	251	140
Total	9.06	91.03		
Khaparkheda				
Unit 1	3.16	25.06	155	95
Unit 2	0.00	0.00	0	0
Unit 3	4.34	37.97	190	165
Unit 4	1.92	22.23	185	0
Unit 5	0.00	75.57	0	0
Total	9.42	160.83		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.59	37.66	201	127
Unit 5	4.57	37.58	200	138
Total	9.16	75.24		
Uran				
All Units	9.98	85.10	444	397
Total	9.98	85.10		
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	1.60	25	0
Total	0.12	1.60		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.52	40.76	470	35
Stage 4	12.11	72.94	1010	0
Stage 3	3.84	25.08	240	80
Total	21.48	138.77		
Hydro				
KDPH	0.77	7.10	32	32
VTRNA	0.93	8.29	59	0
TILLARI	0.58	4.33	58	0
BHIRA T.R.	0.12	2.06	77	0
SMLHY_PTN	4.59	40.40	201	183
GHATGHAR	0.00	1.73	0	0
Total	6.98	63.91		
Wind				
Total	10.99	90.76	0	0
Total	10.99	90.76		
CPP				
APML(Mus)	70.31	638.56	0	0
JSWEL(Mus)	21.70	151.75	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.31	275.81	0	0
SWPGPL-Mus	8.84	73.36	0	0
Other(Mus)	12.72	130.18	0	0
Total	144.88	1269.65		
SOLAR				
Total	6.45	61.50	0	0
Total	6.45	61.50		
Tata				
Trombay 5	6.58	85.40	466	183
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	24.89	117	84
Trombay 7B	1.49	14.13	66	55
Trombay 8	5.58	44.29	234	231
TATA Hydro	2.02	35.90	243	0
Total	18.23	204.61		
AEMIL				
DTPS U-1&2	12.03	97.12	502	500
Total	12.03	97.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.62	1137.47	MSPGCL Total	158.07	1425.25
			MSPGCL Thml+Gas	129.61	1222.56	Koyna 1,2 & 4 Total	17.63	113.70
			MSPGCL Hydro	28.46	202.68	State Total	350.64	3148.88

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/May/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	5322	1431	424	7177	459	6064	0	0	5976	6069	-1147	18622	0	18622	2644	21266	50.00
2	5248	1713	414	7375	649	6076	0	0	5609	5712	-1050	18762	0	18762	2470	21232	49.99
3	5226	1639	444	7309	543	6081	0	0	5503	5212	-947	18198	0	18198	2326	20524	49.96
4	5096	1413	415	6924	500	6073	0	0	5446	5513	-814	18196	0	18196	2193	20389	49.97
5	5043	1492	414	6949	480	6066	0	0	5392	5538	-764	18269	0	18269	2135	20404	50.01
6	5084	1815	426	7325	602	6046	0	0	5860	6174	-814	19333	0	19333	2164	21497	50.02
7	5141	1775	426	7342	378	6038	0	60	6726	6621	-947	19492	0	19492	2058	21550	50.02
8	5134	1204	414	6752	218	6043	0	251	6378	6436	-913	18787	0	18787	2025	20812	50.03
9	5025	1138	434	6597	206	6034	0	578	6207	6108	-958	18565	0	18565	2071	20636	50.02
10	5027	880	412	6319	108	6041	0	730	6428	6401	-999	18600	0	18600	2105	20705	49.99
11	5038	1020	399	6457	54	6023	0	902	6410	6352	-975	18813	0	18813	2138	20951	49.98
12	4898	1107	417	6422	42	5998	0	973	6634	6536	-933	19038	0	19038	2164	21202	49.97
13	4775	1408	407	6590	136	6007	0	819	6753	6775	-998	19329	0	19329	2180	21509	49.96
14	4814	1524	397	6735	223	6005	0	699	6590	6588	-1071	19179	0	19179	2208	21387	49.98
15	4750	1623	408	6781	513	5993	0	578	6884	7078	-1079	19864	0	19864	2294	22158	50.04
16	4819	988	418	6225	698	6017	0	412	7006	6998	-1137	19213	0	19213	2328	21541	50.07
17	4894	1076	408	6378	771	6006	0	309	6112	6079	-1064	18479	0	18479	2233	20712	49.99
18	4792	727	410	5929	1245	6064	0	109	5461	4775	-932	17190	0	17190	2124	19314	49.99
19	4478	501	412	5391	468	5901	0	26	5304	5541	-797	16530	0	16530	2090	18620	50.02
20	4626	910	422	5958	555	5896	0	0	5396	5717	-983	17143	0	17143	2252	19395	50.03
21	5071	658	413	6142	643	6060	0	0	5479	5216	-1034	17027	0	17027	2353	19380	49.98
22	5149	551	413	6113	516	6119	0	0	5704	5679	-1165	17262	0	17262	2443	19705	50.02
23	5098	951	423	6472	359	6098	0	0	6017	6463	-1212	18180	0	18180	2545	20725	50.00
24	5074	916	415	6405	628	6134	0	0	6354	5908	-1208	17867	0	17867	2651	20518	50.00
MUs	119.62	28.46	9.98	158.07	10.99	144.88	0.00	6.45	145.63	145.49	-23.94	441.94	0.00	441.94	54.19	496.13	50.00

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 09/May/2021

Position as on 6.30 Hrs of 10/May/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)	
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)	21/06/2021
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	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.24.05.21)	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	06/05/2021	14.00	09/05/2021	12.30	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 5	500	08/05/2021	00.11		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	09/05/2021	11.46		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	10/05/2021	23.27		Continued.	Drum level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2021

Statement-VII

Position as on 6.30 Hrs of 10/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
Dhule Sar'Sarovar II	InterState	08/05/2021	19.51	09/05/2021	05.39	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	10/05/2021	07.57	10/05/2021	16.18	PO	For conductor & Earthwire Hardware tightening work if found any during monkey Patrolling.
Koradi Bhilai	InterState	10/05/2021	18.19		Continued.	T	Distance Protection
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Khadka-Aurangabad (Waluj)	IntraState	08/05/2021	22.10	09/05/2021	05.32	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	09/05/2021	22.02	10/05/2021	00.31	EO	Attending Hot Spot
Akola - Bhusawal	IntraState	10/05/2021	10.51	10/05/2021	19.20	PO	Work of strings replacement detected faulty in PID testing are to be replaced by availing outage 400 kV Akola- Khadka (Bhusawal) line.
New Koyna - Dabhol - II	IntraState	10/05/2021	13.30	10/05/2021	20.20	EO	Flashover Strings cold washing at loc.12 & Emergency Tree cutting.
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)
Chikhli-Jalna-I	IntraState	08/05/2021	13.26	10/05/2021	09.25	HT	To control Akola ICT load.
Chikhli-Jalna-II	IntraState	08/05/2021	13.26	10/05/2021	09.25	HT	To control Akola ICT load.
Nanded-Ghatodi	IntraState	09/05/2021	10.11	09/05/2021	15.37	PO	220KV Ghatodi-Nanded Line Sag Reduction Work At LOC No.30-31 B-Phase.
Phursungi-Serum	IntraState	09/05/2021	14.18	09/05/2021	19.03	T	Distance Protection
Raymond - Washala	IntraState	09/05/2021	18.03	09/05/2021	19.14	T	Distance Protection
Dahanu Ghodbunder Line 2	IntraState	10/05/2021	06.29	10/05/2021	20.23	PO	Shifting of LS line from its existing position (Temporary diversion) to newly constructed Permanent towers under DFCCIL Modification / Diversion works. Location - LS-12 - 12A & LS - 09 - 10 - 11.
Trombay Salsette 1 Backbay	IntraState	10/05/2021	08.35	10/05/2021	19.01	PO	FOR RESAGGING
Trombay Carnac 6	IntraState	10/05/2021	08.35	10/05/2021	18.52	PO	FOR RESAGGING
Karad -Mudshingi Ckt- IV	IntraState	10/05/2021	09.45	10/05/2021	16.57	PO	Insulator cleaning work by cold line method.
Uran - Kharghar 2	IntraState	10/05/2021	10.02	10/05/2021	16.03	PO	Replacement of faulty disc.
Kandalgaon - Bhira	IntraState	10/05/2021	13.00	10/05/2021	18.12	PO	Jumper nut bolt tightening.
Purti-Bhugaon	IntraState	10/05/2021	18.11	10/05/2021	18.46	T	Distance Protection
Bhandara-Bhandara Rly Tss 1	IntraState	10/05/2021	18.46	10/05/2021	19.26	T	Distance Protection
Umred-Virangana 1	IntraState	10/05/2021	19.20	10/05/2021	20.07	T	Distance Protection

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