

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.697	895.090	1) Gujrat	-2.908	-15.040
2) Hydro	29.807	139.248	2) Madhya Pradesh	10.224	78.207
3) Gas	9.993	65.169	3) Chattisgarh	5.710	39.680
Total MSPGCL	160.497	1099.507	4) Maharashtra	141.456	983.368
B) 1) APLM	72.958	497.834	5) Goa (Amona)	-1.881	-13.518
2) JSWEL	19.800	108.731	Total	152.601	1072.697
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.626	171.312
4) RPL(AMT)	31.283	213.070	b) Mumbai Drawl	22.596	167.326
5) SWPGPL	9.029	55.373	c) MSEDCL Bilateral *	32.792	235.838
6) Other IPP	14.800	104.174	Include PX	0.080	21.815
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.626	171.312
C) 1) TPCL Thermal	16.078	100.922	Include PX	17.300	55.563
2) TPCL Hydro	5.338	30.325	Standby	0.000	0.000
3) TPCL Gas	4.377	30.600	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.423	73.065	1) MSEDCL	453.186	3104.651
D) STATE			2) Mumbai Discoms	59.812	402.238
1) Thermal	296.068	2048.259	TOTAL STATE	512.998	3506.889
(A1+C1+C4+(B1-B6))					
2) Hydro	35.145	169.573			
(A2+C2)					
3) Gas	14.370	95.769			
(A3+B7+C3)					
4) Wind	8.920	72.850			
6) SOLAR	5.894	47.741			
TOTAL STATE	360.397	2434.192			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4978	5099	5425	4880
MSPGCL Hydro	1645	1486	910	1236
MSPGCL Gas	397	406	413	426
MSPGCL Total Generation	7020	6991	6748	6542
Central Sector Receipt	6769	6957	5700	5772
WIND	71	176	366	544
CPP / IPP Thermal	6211	6204	6107	6258
CPP / IPP Gas	0	0	0	0
SOLAR	784	863	0	0
Exchange with Mumbai	-1003	-980	-898	-777
MSEDCL DEMAND MET	19852	20211	18023	18340
Load Shedding	0	0	0	0
MSEDCL DEMAND	19852	20211	18023	18340
TPCL GENERATION	1205	1249	1166	897
AEML GENERATION	500	501	499	501
MUMBAI DEMAND	2708	2730	2563	2175
STATE DEMAND MET	22560	22941	20586	20514
STATE DEMAND	22560	22941	20586	20514
Frequency (Hz)	49.94	49.96	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 16:04 Hrs	49.79 Hz at 10:20 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 07/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	8.67	86.90	519	0
Unit 9	5.70	5.70	510	0
Unit 10	6.99	74.64	362	121
Total	21.36	167.24		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.82	82.16	500	405
Unit 5	11.28	80.74	500	390
Total	23.11	176.59		
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	0.00	14.76	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.76	14.75	426	364
Unit 6	9.59	65.96	412	380
Unit 7	0.00	0.00	0	0
Unit 8	7.29	59.77	355	296
Unit 9	7.40	57.82	355	295
Total	34.04	213.06		
Paras				
Unit 3	5.43	34.00	235	220
Unit 4	5.87	39.19	249	241
Total	11.30	73.19		
Khaparkheda				
Unit 1	2.74	18.76	140	90
Unit 2	0.00	0.00	0	0
Unit 3	4.12	29.34	195	160
Unit 4	4.09	16.34	190	147
Unit 5	10.85	75.52	460	354
Total	21.81	139.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	28.31	199	132
Unit 5	4.52	28.29	198	130
Total	9.07	56.60		
Uran				
All Units	9.99	65.17	437	397
Total	9.99	65.17		
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)	0.19	1.31	24	0
Total	0.19	1.31		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.86	29.03	480	35
Stage 4	12.56	45.09	1005	0
Stage 3	4.02	16.27	240	80
Total	22.45	90.39		
Hydro				
KDPH	0.78	5.57	33	32
VTRNA	1.07	6.50	60	0
TILLARI	0.58	3.17	58	0
BHIRA T.R.	0.32	1.76	80	0
SMLHY_PTN	4.61	31.26	201	179
GHATGHAR	0.00	0.60	0	0
Total	7.36	48.86		
Wind				
Total	8.92	72.85	0	0
Total	8.92	72.85		
CPP				
APML(Mus)	72.96	497.83	0	0
JSWEL(Mus)	19.80	108.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.28	213.07	0	0
SWPGPL-Mus	9.03	55.37	0	0
Other(Mus)	14.80	104.17	0	0
Total	147.87	979.18		
SOLAR				
Total	5.89	47.74	0	0
Total	5.89	47.74		
Tata				
Trombay 5	10.80	67.75	482	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	19.54	117	115
Trombay 7B	1.58	11.06	66	65
Trombay 8	5.28	33.18	235	136
TATA Hydro	5.34	30.32	363	0
Total	25.79	161.85		
AEMIL				
DTPS U-1&2	11.42	73.06	503	286
Total	11.42	73.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.70	895.09	MSPGCL Total	160.50	1099.51
			MSPGCL Thml+Gas	130.69	960.26	Koyna 1,2 & 4 Total	18.43	74.12
			MSPGCL Hydro	29.81	139.25	State Total	360.40	2434.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/May/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	4891	1288	426	6605	459	6289	0	0	6281	6380	-990	18743	0	18743	2619	21362	50.02
2	4932	1341	426	6699	352	6272	0	0	6156	5985	-972	18336	0	18336	2428	20764	50.01
3	4926	1422	415	6763	512	6205	0	0	6034	5810	-895	18395	0	18395	2293	20688	49.97
4	4880	1236	426	6542	544	6258	0	0	5975	5772	-777	18340	0	18340	2175	20514	49.97
5	4888	1147	426	6461	608	6186	0	0	5946	6002	-734	18523	0	18523	2133	20656	49.98
6	4907	1701	437	7045	560	6181	0	0	6397	6304	-778	19312	0	19312	2176	21488	50.01
7	4906	1924	416	7246	445	6169	0	51	6725	6547	-697	19761	0	19761	2096	21857	49.98
8	4973	1375	427	6775	230	6175	0	231	6521	6553	-741	19223	0	19223	2137	21360	50.03
9	5081	1233	423	6737	141	6200	0	427	6481	6642	-858	19289	0	19289	2320	21609	50.01
10	5073	1364	411	6848	71	6175	0	487	6755	6631	-903	19309	0	19309	2516	21825	49.98
11	4923	1651	409	6983	56	6172	0	692	7007	6864	-960	19807	0	19807	2650	22457	49.94
12	4978	1645	397	7020	71	6211	0	784	7095	6769	-1003	19852	0	19852	2708	22560	49.94
13	5099	1486	406	6991	176	6204	0	863	7082	6957	-980	20211	0	20211	2730	22941	49.96
14	5204	968	408	6580	134	6204	0	850	7047	7186	-949	20006	0	20006	2707	22712	50.02
15	5054	1469	408	6931	129	6168	0	653	7100	7099	-1044	19936	0	19936	2791	22727	49.94
16	4865	1430	398	6693	365	6166	0	463	7294	6951	-1061	19578	0	19578	2806	22384	50.00
17	4920	1008	418	6346	319	6181	0	269	6822	6768	-953	18930	0	18930	2700	21630	50.02
18	4879	606	410	5895	730	6108	0	106	6372	6076	-937	17978	0	17978	2544	20522	50.02
19	4713	422	411	5546	751	5955	0	18	6039	6091	-1098	17263	0	17263	2369	19632	49.98
20	4979	618	422	6019	768	6023	0	0	6016	6124	-1211	17723	0	17723	2442	20165	49.97
21	5226	527	412	6165	480	6106	0	0	5877	5600	-1183	17168	0	17168	2486	19654	49.94
22	5425	910	413	6748	366	6107	0	0	5701	5700	-898	18023	0	18023	2563	20586	49.96
23	5507	1236	434	7177	338	6076	0	0	5718	6054	-923	18722	0	18722	2674	21396	50.03
24	5468	1800	414	7682	315	6078	0	0	5875	5736	-1051	18760	0	18760	2749	21509	50.02
MUs	120.70	29.81	9.99	160.50	8.92	147.87	0.00	5.89	154.32	152.60	-22.60	453.19	0.00	453.19	59.81	513.00	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 07/May/2021

Position as on 6.30 Hrs of 08/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)	
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.12.05.21)	
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 9	660	24/04/2021	14.59	07/05/2021	06.01	Boiler Tube Leakage	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	07/05/2021	14.28	07/05/2021	17.57	Turbine Trip	
MSPGCL	Khaparkheda Unit 5	500	08/05/2021	00.11		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2021

Statement-VII

Position as on 6.30 Hrs of 08/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 I	InterState	06/05/2021	19.56	07/05/2021	09.05	HT	Over Voltage
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Chandrapur II- Warora ckt II	IntraState	07/05/2021	08.38	07/05/2021	15.09	PO	For conductor & Earthwire hardware tightening work if found any during monkey patrolling.
Nagothane - Dabhol I	IntraState	07/05/2021	09.08	07/05/2021	18.56	PO	Cold washing. E/W replacement work & Faulty string replacement work.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	07/05/2021	16.31	07/05/2021	21.13	T	Distance Protection
Chandrapu II - Chandrapur SW Ckt II	IntraState	08/05/2021	06.21		Continued.	EO	Conductor broken.
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.
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	07/05/2021	08.50	07/05/2021	11.39	T	Due to failure of auxiliary AC supply 2 nos of both pump simultaneously tripped and turbulence created in oil which is trapped in buchholz and alarm indication appeared on Y & B phase.
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	07/05/2021	18.04	07/05/2021	20.06	EO	Attending Hot Spot
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)
Borivali - Tarapur	InterState	07/05/2021	10.41	07/05/2021	20.48	PO	Routine Maintenance Work
Chalishaon -Babhaleshwar	IntraState	24/04/2021	09.52		Continued.	PO	For Shifting/Erection Work of monopole Tower Work For samruddhi express Highway work 4 nos of monopole erection & 2nos of tower erection work. Dismantling of 2nos of tower loc no.220-223.
khaparkheda-Khaparkheda(new)-I	IntraState	07/05/2021	07.35	07/05/2021	19.34	PO	Shifting of 220kv khaparkheda old to khaparkheda new ckt 2 from old towers to newly constructed towers for height raising work for proposed coal pipe conveyor system of MSPGCL at TPS khaparkheda.
Kamba - Kolshet	IntraState	07/05/2021	08.47	07/05/2021	19.27	PO	Online stringing of OPGW cable on 220KV kamba kolshet line.
Padghe - Wada	IntraState	07/05/2021	09.31	07/05/2021	13.10	PO	Replacement of R phase jumper of A Bus & attending hot spot.
Nagothane - ACCIL	IntraState	07/05/2021	10.24	07/05/2021	19.17	PO	Insulator string replacement & jumper nut bolt tightening.
JATH SHEDYAL	IntraState	07/05/2021	10.24	07/05/2021	18.02	PO	Routine Maintenance Work
Uran - Kharghar I	IntraState	07/05/2021	10.50	07/05/2021	18.14	EO	Attending hot spot at loc no. 72, 44. Routine maintenance work.

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