

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jul/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.419	1174.485	1) Gujrat	7.333	58.481
2) Hydro	4.532	80.928	2) Madhya Pradesh	13.669	126.292
3) Gas	2.960	35.108	3) Chattisgarh	3.990	61.550
Total MSPGCL	114.911	1290.521	4) Maharashtra	114.458	1391.954
B) 1) APLM	28.921	335.993	5) Goa (Amona)	0.000	-1.892
2) JSWEL	16.419	205.276	Total	139.450	1636.385
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.610	308.771
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.580	304.420
5) WPCL	7.667	71.337	c) MSEDCL Bilateral *	35.696	396.047
6) Other IPP	3.109	80.789	Include PX	3.922	62.963
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.610	308.771
C) 1) TPCL Thermal	7.433	90.877	Include PX	17.356	202.480
2) TPCL Hydro	2.439	53.088	Standby	0.000	0.000
3) TPCL Gas	2.379	42.049	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.708	56.743	1) MSEDCL	322.989	3821.171
D) STATE			2) Mumbai Discoms	41.539	547.177
1) Thermal	175.676	2015.500	TOTAL STATE	364.528	4368.348
(A1+C1+C4+(B1-B6))					
2) Hydro	6.971	134.016			
(A2+C2)					
3) Gas	5.339	77.157			
(A3+B7+C3)					
4) Wind	31.149	437.945			
6) SOLAR	5.943	67.345			
TOTAL STATE	225.078	2731.963			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4697	4371	4683	4304
MSPGCL Hydro	169	279	341	94
MSPGCL Gas	120	118	122	122
MSPGCL Total Generation	4986	4768	5146	4520
Central Sector Receipt	6410	6384	5512	5388
WIND	1284	1128	1204	1230
CPP / IPP Thermal	2477	2380	2446	2134
CPP / IPP Gas	0	0	0	0
SOLAR	577	719	0	0
Exchange with Mumbai	-1091	-1194	-860	-1062
MSEDCL DEMAND MET	14643	14185	13448	12210
Load Shedding	0	0	0	0
MSEDCL DEMAND	14643	14185	13448	12210
TPCL GENERATION	462	430	751	408
AEML GENERATION	190	188	189	189
MUMBAI DEMAND	1743	1812	1800	1659
STATE DEMAND MET	16386	15997	15248	13869
STATE DEMAND	16386	15997	15248	13869
Frequency (Hz)	50.03	49.98	49.92	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 02.23 Hrs	49.79 Hz at 13.41 Hrs	50.03	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 12/Jul/2020

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	0.00	0	0
Unit 9	11.29	129.57	526	460
Unit 10	10.58	122.56	470	395
Total	21.87	252.13		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.07	34.86	180	163
Unit 4	3.87	43.18	165	160
Unit 5	8.85	107.31	394	355
Unit 6	9.26	85.83	430	360
Unit 7	9.05	108.75	408	360
Unit 8	9.54	114.64	455	360
Unit 9	9.56	85.92	452	354
Total	54.20	580.49		
Paras				
Unit 3	4.65	55.23	230	186
Unit 4	4.60	56.92	216	175
Total	9.25	112.15		
Khaparkheda				
Unit 1	3.62	42.70	165	135
Unit 2	0.00	0.00	0	0
Unit 3	4.21	43.55	190	158
Unit 4	4.14	49.08	190	160
Unit 5	10.14	94.38	480	375
Total	22.11	229.71		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	2.96	35.11	133	118
Total	2.96	35.11		
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)	0.29	1.51	34	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.29	1.51		
Koyna				
Stage 1-2	1.86	31.56	190	45
Stage 4	0.00	9.62	0	0
Stage 3	1.04	15.88	146	0
Total	2.90	57.05		
Hydro				
KDPH	0.79	8.40	33	33
VTRNA	0.00	0.00	0	0
TILLARI	0.00	7.71	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	4.14	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.04	0.60	19	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	2.40	16	15
GHATGHAR	0.00	0.00	0	0
Total	1.63	23.88		
Wind				
Total	31.15	437.94	0	0
Total	31.15	437.94		
CPP				
APML(Mus)	28.92	335.99	0	0
JSWEL(Mus)	16.42	205.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.67	71.34	0	0
Other(Mus)	3.11	80.79	0	0
Total	56.12	693.40		
SOLAR				
Total	5.94	67.34	0	0
Total	5.94	67.34		
Tata				
Trombay 5	7.43	90.88	394	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	25.82	58	54
Trombay 7B	1.04	16.23	44	42
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.44	53.09	341	4
Total	12.25	186.01		
AEML				
DTPS U-1&2	4.71	56.74	252	188
Total	4.71	56.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.42	1174.48	MSPGCL Total	114.91	1290.52
			MSPGCL Thml+Gas	110.38	1209.59	Koyna 1,2 & 4 Total	1.86	41.17
			MSPGCL Hydro	4.53	80.93	State Total	225.08	2731.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Jul/2020

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	4632	99	123	4854	1441	2552	0	0	5491	5284	-1278	12853	0	12853	1963	14816	50.10
2	4304	94	133	4531	1441	2325	0	0	5388	5333	-1223	12407	0	12407	1838	14245	50.06
3	4292	104	123	4519	1342	2199	0	0	5222	5344	-1112	12292	0	12292	1740	14032	50.13
4	4304	94	122	4520	1230	2134	0	0	5117	5388	-1062	12210	0	12210	1659	13869	50.05
5	4422	104	121	4647	1067	2372	0	0	5205	5516	-1016	12586	0	12586	1613	14199	50.02
6	4666	144	124	4934	948	2502	0	0	5656	6001	-874	13511	0	13511	1633	15144	50.16
7	4687	228	122	5037	1143	2525	0	77	6283	6779	-821	14740	0	14740	1604	16344	50.04
8	4753	263	132	5148	1089	2536	0	210	6635	6480	-844	14619	0	14619	1610	16229	50.06
9	4664	179	122	4965	1127	2495	0	444	6505	6714	-1046	14699	0	14699	1671	16370	50.15
10	4697	169	120	4986	1284	2477	0	577	6265	6410	-1091	14643	0	14643	1743	16386	50.03
11	4332	163	119	4614	1232	2390	0	635	6555	6502	-1192	14181	0	14181	1789	15970	50.05
12	4376	218	118	4712	1237	2378	0	735	6460	6713	-1223	14552	0	14552	1817	16369	50.05
13	4371	279	118	4768	1128	2380	0	719	6392	6384	-1194	14185	0	14185	1812	15997	49.98
14	4373	134	119	4626	1388	2369	0	785	6339	5916	-1154	13930	0	13930	1777	15707	49.98
15	4295	134	123	4552	1647	2111	0	658	6275	5732	-1084	13616	0	13616	1735	15351	49.97
16	4329	353	122	4804	1797	2070	0	510	5566	5528	-951	13758	0	13758	1650	15408	50.02
17	4294	217	133	4644	1729	2116	0	379	5652	5680	-912	13636	0	13636	1586	15222	49.99
18	4233	209	121	4563	1780	1972	0	175	5363	5418	-951	12957	0	12957	1608	14565	50.02
19	4347	266	123	4736	1462	2059	0	39	5244	5427	-963	12760	0	12760	1686	14446	49.99
20	4595	263	123	4981	1292	2351	0	0	5715	5690	-872	13442	0	13442	1763	15205	49.94
21	4683	341	122	5146	1204	2446	0	0	5497	5512	-860	13448	0	13448	1800	15248	49.92
22	4636	183	122	4941	1036	2486	0	0	5294	5423	-896	12990	0	12990	1804	14794	49.98
23	4537	173	122	4832	1079	2469	0	0	5285	5126	-966	12540	0	12540	1822	14362	49.98
24	4597	121	133	4851	1026	2470	0	0	5275	5150	-995	12502	0	12502	1816	14318	49.99
MUs	107.4 2	4.53	2.96	114.91	31.15	56.18	0.00	5.94	138.68	139.45	-24.58	323.06	0.00	323.06	41.54	364.60	50.03

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 12/Jul/2020

Position as on 6.30 Hrs of 13/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	02/07/2020	09.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL 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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Jul/2020

Position as on 6.30 Hrs of 13/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							To Zero schedule w.e.f 03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
IPP	Dhariwal	300	12/07/2020	00.00	12/07/2020	23.11	zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 13/Jul/2020

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 1	IntraState	12/07/2020	09.27	12/07/2020	17.11	PO	For Premonsoon maintenance work of Ac/DC yard equipment.
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	03/07/2020	13.54		Continued.	T	Distance Protection (RFC 23.10).
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/07/2020	20.35		Continued.	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	04/07/2020	22.17		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	09/07/2020	21.01		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/07/2020	17.11		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	11/07/2020	17.09	12/07/2020	09.05	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/07/2020	21.28	12/07/2020	09.08	HT	Over Voltage
Padghe - Kalwa- I	IntraState	11/07/2020	21.30	12/07/2020	09.08	HT	Over Voltage
Koradi-Bhusawal	IntraState	12/07/2020	03.32		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	12/07/2020	17.27		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	12/07/2020	17.46		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/07/2020	18.54		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	09/07/2020	01.45		Continued.	HT	To control over voltage.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Nagothane - MSL	IntraState	12/07/2020	09.05	12/07/2020	14.48	PO	Consumer end general maintenance.
Nagothane-Wadkhal II	IntraState	12/07/2020	09.05	12/07/2020	11.02	T	BUS-2 trip, GIS GAS density monitor moisture malfunction.
Sawantwadi-Bidri	IntraState	12/07/2020	19.10		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/100 Kv 100 MVA ICT II @Vasai- li	IntraState	12/07/2020	09.27	12/07/2020	19.11	PO	Attending Oil Leakage

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