

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jul/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.302	1284.787	1) Gujrat	5.701	64.182
2) Hydro	13.511	94.439	2) Madhya Pradesh	13.031	139.323
3) Gas	2.893	38.001	3) Chattisgarh	5.870	67.420
Total MSPGCL	126.706	1417.227	4) Maharashtra	116.231	1508.185
B) 1) APLM	27.212	363.205	5) Goa (Amona)	0.000	-1.892
2) JSWEL	16.079	221.355	Total	140.833	1777.218
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.205	336.976
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.784	329.204
5) WPCL	8.279	79.616	c) MSEDCL Bilateral *	40.313	436.360
6) Other IPP	7.347	88.136	Include PX	7.440	70.403
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.205	336.976
C) 1) TPCL Thermal	7.559	98.436	Include PX	19.421	221.901
2) TPCL Hydro	4.533	57.621	Standby	0.000	0.000
3) TPCL Gas	3.231	45.280	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.384	62.127	1) MSEDCL	330.425	4151.596
D) STATE			2) Mumbai Discoms	45.491	592.668
1) Thermal	182.162	2197.662	TOTAL STATE	375.916	4744.264
(A1+C1+C4+(B1-B6))					
2) Hydro	18.044	152.060			
(A2+C2)					
3) Gas	6.124	83.281			
(A3+B7+C3)					
4) Wind	23.295	461.240			
6) SOLAR	5.458	72.803			
TOTAL STATE	235.083	2967.046			

* 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 3 Hrs
MSPGCL Thermal	4636	4608	4601	4274
MSPGCL Hydro	1084	1155	329	99
MSPGCL Gas	118	117	119	121
MSPGCL Total Generation	5838	5880	5049	4494
Central Sector Receipt	6727	6549	5712	5280
WIND	571	617	1466	959
CPP / IPP Thermal	2587	2589	2176	2295
CPP / IPP Gas	0	0	0	0
SOLAR	636	707	0	0
Exchange with Mumbai	-1380	-1374	-863	-986
MSEDCL DEMAND MET	14979	14968	13540	12042
Load Shedding	0	0	0	0
MSEDCL DEMAND	14979	14968	13540	12042
TPCL GENERATION	672	644	871	410
AEML GENERATION	250	251	190	190
MUMBAI DEMAND	2302	2269	1924	1586
STATE DEMAND MET	17281	17237	15464	13628
STATE DEMAND	17281	17237	15464	13628
Frequency (Hz)	49.92	49.98	49.92	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.02 Hrs	49.69 Hz at 07.11 Hrs	49.95	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/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	12.18	141.74	551	461
Unit 10	10.62	133.19	460	420
Total	22.80	274.93		
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	38.92	180	162
Unit 4	3.80	46.98	163	145
Unit 5	8.66	115.97	387	345
Unit 6	9.62	95.45	428	360
Unit 7	9.41	118.16	410	360
Unit 8	10.04	124.68	450	360
Unit 9	9.80	95.72	437	360
Total	55.39	635.88		
Paras				
Unit 3	4.94	60.17	230	190
Unit 4	4.86	61.79	230	190
Total	9.81	121.96		
Khaparkheda				
Unit 1	3.84	46.54	165	150
Unit 2	0.00	0.00	0	0
Unit 3	4.47	48.02	195	158
Unit 4	4.34	53.41	195	140
Unit 5	9.66	104.03	440	340
Total	22.31	252.01		
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	2.89	38.00	132	116
Total	2.89	38.00		
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)	0.36	1.87	49	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.36	1.87		
Koyna				
Stage 1-2	4.78	36.34	595	40
Stage 4	4.91	14.52	741	0
Stage 3	1.91	17.79	160	0
Total	11.60	68.65		
Hydro				
KDPH	0.66	9.06	33	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	8.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	4.49	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.04	0.63	19	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	2.78	16	15
GHATGHAR	0.00	0.00	0	0
Total	1.91	25.78		
Wind				
Total	23.30	461.24	0	0
Total	23.30	461.24		
CPP				
APML(Mus)	27.21	363.20	0	0
JSWEL(Mus)	16.08	221.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.28	79.62	0	0
Other(Mus)	7.35	88.14	0	0
Total	58.92	752.31		
SOLAR				
Total	5.46	72.80	0	0
Total	5.46	72.80		
Tata				
Trombay 5	7.56	98.44	385	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.95	27.77	106	56
Trombay 7B	1.28	17.51	62	43
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.53	57.62	410	15
Total	15.32	201.34		
AEML				
DTPS U-1&2	5.38	62.13	252	189
Total	5.38	62.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.30	1284.79	MSPGCL Total	126.71	1417.23
			MSPGCL Thml+Gas	113.20	1322.79	Koyna 1,2 & 4 Total	9.69	50.86
			MSPGCL Hydro	13.51	94.44	State Total	235.08	2967.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	4505	94	122	4721	1057	2564	0	0	5295	5317	-1140	12519	0	12519	1758	14277	50.00
2	4377	99	121	4597	1097	2490	0	0	5236	5192	-1045	12331	0	12331	1655	13986	49.97
3	4274	99	121	4494	959	2295	0	0	5185	5280	-986	12042	0	12042	1586	13628	49.96
4	4260	89	122	4471	962	2415	0	0	5066	5216	-936	12128	0	12128	1533	13661	50.01
5	4450	94	122	4666	964	2431	0	0	5071	5232	-893	12400	0	12400	1511	13911	50.00
6	4571	124	122	4817	860	2520	0	0	5726	5957	-909	13245	0	13245	1531	14776	49.99
7	4667	333	121	5121	589	2619	0	28	6463	6355	-801	13911	0	13911	1555	15466	49.93
8	4691	1063	120	5874	343	2625	0	169	6801	6627	-887	14751	0	14751	1659	16410	49.81
9	4677	1084	130	5891	414	2604	0	363	6705	6630	-1074	14828	0	14828	1865	16693	49.92
10	4623	1084	120	5827	541	2604	0	571	6519	6705	-1221	15027	0	15027	2081	17108	50.00
11	4600	912	117	5629	657	2605	0	670	6761	6758	-1344	14975	0	14975	2232	17207	49.91
12	4636	1084	118	5838	571	2587	0	636	6680	6727	-1380	14979	0	14979	2302	17281	49.92
13	4608	1155	117	5880	617	2589	0	707	6689	6549	-1374	14968	0	14968	2269	17237	49.98
14	4630	728	117	5475	776	2610	0	698	6657	6643	-1327	14875	0	14875	2223	17098	50.02
15	4712	777	116	5605	1001	2591	0	596	6275	6246	-1243	14796	0	14796	2196	16992	49.98
16	4700	709	119	5528	1203	2638	0	507	6003	6316	-1136	15056	0	15056	2133	17189	49.96
17	4684	318	120	5122	1776	2625	0	330	5753	5640	-1017	14476	0	14476	2036	16512	49.98
18	4647	99	120	4866	2016	2488	0	144	5849	5504	-1073	13945	0	13945	1933	15878	49.99
19	4350	134	119	4603	1768	2302	0	39	5639	5502	-978	13236	0	13236	1890	15126	49.91
20	4601	329	119	5049	1466	2176	0	0	5757	5712	-863	13540	0	13540	1924	15464	49.92
21	4727	702	119	5548	1084	2119	0	0	5323	5320	-765	13306	0	13306	1931	15237	49.92
22	4761	964	119	5844	961	2184	0	0	5058	5152	-741	13400	0	13400	1900	15300	49.91
23	4768	887	120	5775	808	2145	0	0	5117	5173	-804	13097	0	13097	1902	14999	49.90
24	4783	550	132	5465	805	2091	0	0	5176	5080	-847	12594	0	12594	1886	14480	50.00
MUs	110.30	13.51	2.89	126.71	23.29	58.92	0.00	5.46	140.80	140.83	-24.78	330.42	0.00	330.42	45.49	375.92	49.95

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/Jul/2020

Position as on 6.30 Hrs of 14/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 13/Jul/2020

Position as on 6.30 Hrs of 14/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	Adani U-3	660	13/07/2020	20.08		Continued.	APH Gear Box abnormal sound	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 13/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 14/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	03/07/2020	13.54		Continued.	T	Distance Protection (RFC 23.10).
Padgha Tarapur I	InterState	13/07/2020	10.33	13/07/2020	20.38	PO	PGCIL OPGW rectification work
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/07/2020	20.35	13/07/2020	12.10	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
Koradi-Bhusawal	IntraState	12/07/2020	03.32	13/07/2020	10.57	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	13/07/2020	10.13	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/07/2020	18.54	13/07/2020	11.36	HT	Over Voltage
Main Bus-II @ Akola	IntraState	13/07/2020	12.14	13/07/2020	20.30	PO	Routine Maintenance Work
Karad-Jaigad - I	IntraState	13/07/2020	17.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/07/2020	20.36		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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.
400/220kv 315 Mva ICT II @Karad	IntraState	13/07/2020	09.14		Continued.	PO	Modification in wiring with respect to RRS scheme
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	13/07/2020	11.07	13/07/2020	18.39	T	While operation of Bus-II outage
220 KV LINE Outages/Tripping							
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)
Sawantwadi-Bidri	IntraState	12/07/2020	19.10	13/07/2020	09.40	HT	Over Voltage
Lonikand1 (400 Kv)-Theur II	IntraState	13/07/2020	08.29	13/07/2020	08.54	T	Bus Bar Protection Operated at Lonikand
Virur - Gadchiroli	IntraState	13/07/2020	09.20	13/07/2020	16.10	PO	Line Isolator Maintenance work
Lonikand-VSNL	IntraState	13/07/2020	09.48	13/07/2020	18.13	PO	work of putting OPGW
512 Khadki- Century Enka	IntraState	13/07/2020	09.55	13/07/2020	18.11	PO	work of putting OPGW
Kolhapur-Bidri	IntraState	13/07/2020	11.01	13/07/2020	15.58	EO	To attend Hot Spot
Pusad - Hingoli	IntraState	13/07/2020	11.06	13/07/2020	14.59	PO	To attend Hot Spot
Sawantwadi-Bidri	IntraState	13/07/2020	20.13		Continued.	HT	Over Voltage
220 KV ICT Outages/Tripping							
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-Ii	IntraState	13/07/2020	10.10	13/07/2020	17.33	PO	Quarterly Maintenance Work
220/33KV 100MVA ICT-1@Anjangaon	IntraState	13/07/2020	11.27	13/07/2020	19.20	PO	OSR relay replacement work

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