

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jul/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.740	1067.066	1) Gujrat	5.051	51.148
2) Hydro	6.130	76.396	2) Madhya Pradesh	12.350	112.623
3) Gas	2.853	32.148	3) Chattisgarh	5.560	57.560
Total MSPGCL	114.723	1175.610	4) Maharashtra	116.201	1277.496
B) 1) APMIL	29.056	307.072	5) Goa (Amona)	0.000	-1.892
2) JSWEL	17.660	188.857	Total	139.162	1496.935
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.619	283.161
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.501	279.840
5) WPCL	7.828	63.670	c) MSEDCL Bilateral *	37.860	360.351
6) Other IPP	7.243	77.680	Include PX	3.417	59.041
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.619	283.161
C) 1) TPCL Thermal	7.403	83.444	Include PX	17.708	185.124
2) TPCL Hydro	4.695	50.649	Standby	0.000	0.000
3) TPCL Gas	2.358	39.670	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.818	52.035	1) MSEDCL	323.146	3498.182
D) STATE			2) Mumbai Discoms	46.775	505.638
1) Thermal	179.748	1839.824	TOTAL STATE	369.921	4003.820
(A1+C1+C4+(B1-B6))					
2) Hydro	10.825	127.045			
(A2+C2)					
3) Gas	5.211	71.818			
(A3+B7+C3)					
4) Wind	28.280	406.796			
6) SOLAR	6.695	61.402			
TOTAL STATE	230.759	2506.885			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4405	4449	4642	4210
MSPGCL Hydro	137	437	627	94
MSPGCL Gas	119	117	120	120
MSPGCL Total Generation	4661	5003	5389	4424
Central Sector Receipt	6718	5677	5561	5016
WIND	1130	1461	1396	1011
CPP / IPP Thermal	2673	2695	2762	2525
CPP / IPP Gas	0	0	0	0
SOLAR	447	443	0	0
Exchange with Mumbai	-1065	-1239	-901	-1150
MSEDCL DEMAND MET	14564	14040	14207	11826
Load Shedding	0	0	0	0
MSEDCL DEMAND	14564	14040	14207	11826
TPCL GENERATION	579	611	838	432
AEML GENERATION	190	189	251	189
MUMBAI DEMAND	1834	2039	1990	1771
STATE DEMAND MET	16398	16079	16197	13597
STATE DEMAND	16398	16079	16197	13597
Frequency (Hz)	50.04	49.92	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:04 Hrs	49.84 Hz at 16:47 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 11/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	11.61	118.28	560	460
Unit 10	10.36	111.99	460	365
Total	21.97	230.27		
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	4.02	30.79	178	162
Unit 4	3.84	39.32	163	159
Unit 5	8.86	98.46	400	334
Unit 6	9.04	76.57	416	335
Unit 7	8.82	99.70	400	351
Unit 8	9.42	105.11	445	360
Unit 9	9.28	76.36	440	355
Total	53.29	526.30		
Paras				
Unit 3	4.44	50.58	200	143
Unit 4	4.54	52.33	195	182
Total	8.98	102.91		
Khaparkheda				
Unit 1	3.77	39.08	165	140
Unit 2	0.00	0.00	0	0
Unit 3	4.09	39.34	190	160
Unit 4	4.05	44.94	190	160
Unit 5	9.60	84.23	460	370
Total	21.51	207.60		
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	2.85	32.15	130	114
Total	2.85	32.15		
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)	0.18	1.22	55	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	1.22		
Koyna				
Stage 1-2	2.88	29.69	430	40
Stage 4	0.37	9.62	205	0
Stage 3	0.93	14.84	160	0
Total	4.18	54.15		
Hydro				
KDPH	0.74	7.61	31	31
VTRNA	0.00	0.00	0	0
TILLARI	0.42	7.71	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	3.72	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.04	0.56	19	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	2.02	14	13
GHATGHAR	0.00	0.00	0	0
Total	1.95	22.25		
Wind				
Total	28.28	406.80	0	0
Total	28.28	406.80		
CPP				
APML(Mus)	29.06	307.07	0	0
JSWEL(Mus)	17.66	188.86	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.83	63.67	0	0
Other(Mus)	7.24	77.68	0	0
Total	61.79	637.28		
SOLAR				
Total	6.70	61.40	0	0
Total	6.70	61.40		
Tata				
Trombay 5	7.40	83.44	390	283
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.32	24.48	57	54
Trombay 7B	1.04	15.20	44	42
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.70	50.65	395	20
Total	14.46	173.76		
AEML				
DTPS U-1&2	4.82	52.04	252	188
Total	4.82	52.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.74	1067.07	MSPGCL Total	114.72	1175.61
			MSPGCL Thml+Gas	108.59	1099.21	Koyna 1,2 & 4 Total	3.24	39.30
			MSPGCL Hydro	6.13	76.40	State Total	230.76	2506.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4239	89	120	4448	1044	2639	0	0	5368	5405	-1244	12292	0	12292	1978	14270	50.04
2	4211	89	120	4420	977	2588	0	0	5232	5399	-1251	12133	0	12133	1876	14009	50.06
3	4210	94	120	4424	1011	2525	0	0	5151	5016	-1150	11826	0	11826	1771	13597	49.98
4	4221	99	120	4440	933	2298	0	0	5188	5375	-1080	11966	0	11966	1697	13663	49.99
5	4290	84	120	4494	931	2523	0	0	5223	5341	-1061	12228	0	12228	1669	13897	50.00
6	4563	104	120	4787	932	2688	0	0	5638	5865	-1023	13249	0	13249	1672	14921	50.01
7	4644	199	130	4973	942	2735	0	31	6202	6544	-924	14301	0	14301	1651	15952	49.99
8	4674	169	120	4963	1003	2765	0	210	6601	6275	-976	14240	0	14240	1708	15948	50.03
9	4405	137	119	4661	1130	2673	0	447	6759	6718	-1065	14564	0	14564	1834	16398	50.04
10	4272	209	117	4598	1412	2626	0	641	6299	6213	-1127	14363	0	14363	2000	16363	50.02
11	4267	253	116	4636	1200	2429	0	771	6293	6518	-1292	14262	0	14262	2128	16390	50.05
12	4273	208	116	4597	1181	2155	0	814	6417	6350	-1423	13674	0	13674	2175	15849	50.03
13	4244	194	114	4552	1169	2150	0	837	6219	6274	-1425	13557	0	13557	2165	15722	50.02
14	4254	329	117	4700	1050	2159	0	817	6032	6292	-1381	13637	0	13637	2122	15759	50.04
15	4266	574	114	4954	1272	2204	0	756	6082	6028	-1389	13825	0	13825	2127	15952	49.99
16	4249	254	116	4619	1267	2549	0	625	5939	6123	-1301	13882	0	13882	2102	15984	50.01
17	4449	437	117	5003	1461	2695	0	443	5605	5677	-1239	14040	0	14040	2039	16079	49.92
18	4363	325	117	4805	1331	2648	0	239	5549	5606	-1159	13470	0	13470	1968	15438	49.95
19	4501	230	117	4848	1315	2716	0	64	5513	5418	-1076	13285	0	13285	1931	15216	49.94
20	4642	627	120	5389	1396	2762	0	0	5451	5561	-901	14207	0	14207	1990	16197	50.02
21	4623	765	120	5508	1354	2786	0	0	5273	5387	-927	14108	0	14108	2054	16162	50.01
22	4608	255	120	4983	1361	2876	0	0	5198	5389	-989	13620	0	13620	2046	15666	50.02
23	4666	255	121	5042	1319	2820	0	0	5221	5223	-1010	13394	0	13394	2037	15431	50.01
24	4606	151	122	4879	1289	2778	0	0	5289	5165	-1088	13023	0	13023	2035	15058	50.07
MUs	105.74	6.13	2.85	114.72	28.28	61.79	0.00	6.69	137.74	139.16	-27.50	323.15	0.00	323.15	46.77	369.92	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 11/Jul/2020

Position as on 6.30 Hrs of 12/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 11/Jul/2020

Position as on 6.30 Hrs of 12/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 11/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 12/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 2	IntraState	11/07/2020	09.24	11/07/2020	16.46	PO	For Premonsoon Maintenance of AC/DC yard equipment.
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).
Dabhol Nagothane II	InterState	11/07/2020	02.38	11/07/2020	07.27	T	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/06/2020	19.20	11/07/2020	10.03	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
Lonikand I - Koyna stage-IV	IntraState	10/07/2020	20.32	11/07/2020	10.55	HT	Over Voltage
Padghe - Kalwa- I	IntraState	10/07/2020	21.26	11/07/2020	09.14	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.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	11/07/2020	01.39	11/07/2020	06.05	HT	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)
Sawantwadi-Bidri	IntraState	10/07/2020	20.15	11/07/2020	10.40	HT	Over Voltage
Main Bus-I@Versova	IntraState	11/07/2020	09.49	11/07/2020	18.37	PO	Outage is being Availed for safety purpose during erection of column & truss members by crane above 220KV GIS plinth for shed.
Nigade- Peth Line	IntraState	11/07/2020	10.00	11/07/2020	12.12	PO	Attending Oil Leakage & Quarterly Maintenance Work.
Colourchem - Temghar	IntraState	11/07/2020	11.22	11/07/2020	17.48	T	Distance Protection
Padgha - Temghar I	IntraState	11/07/2020	11.29	11/07/2020	11.53	T	DP LOAD LOSS 63 MW OF TEMGHAR S/S.
Patoda-Manjarsumba	IntraState	11/07/2020	13.14	11/07/2020	18.12	HT	R PH Current zero.
Nagothane-Wadkhal II	IntraState	12/07/2020	09.05	12/07/2020	11.02	T	BUS-2 trip, GIS GAS density monitor moisture malfunction.
Nagothane - MSL	IntraState	12/07/2020	09.05	12/07/2020	14.48	PO	Consumer end general maintenance.
Sawantwadi-Bidri	IntraState	12/07/2020	19.10		Continued.	HT	Over Voltage

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 11/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 12/Jul/2020

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 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/33 Kv 50 Mva Bbl Ptr 2 @Bhenda	IntraState	11/07/2020	08.53	11/07/2020	10.55	PO	Quarterly Maintainance Work
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	11/07/2020	15.20	11/07/2020	17.20	PO	For Maintenance Work of main bus,auxiliary bus & T/F isolator by agency.
220/100 Kv 100 MVA ICT II @Vasai- li	IntraState	12/07/2020	09.27	12/07/2020	19.11	PO	Attending Oil Leakage