

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jul/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.695	1187.450	1) Gujrat	-1.837	-38.658
2) Hydro	4.838	48.853	2) Madhya Pradesh	12.419	100.619
3) Gas	7.901	83.477	3) Chattisgarh	4.730	50.040
Total MSPGCL	114.434	1319.780	4) Maharashtra	100.042	1036.663
B) 1) APLM	61.032	583.491	5) Goa (Amona)	-0.418	-5.676
2) JSWEL	19.249	218.505	Total	114.936	1142.988
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.087	241.321
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	32.347	311.245
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.219	59.062
6) Other IPP	2.933	29.782	Include PX	0.068	-78.607
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.087	241.321
C) 1) TPCL Thermal	12.148	140.449	Include PX	9.466	90.869
2) TPCL Hydro	4.698	43.597	Standby	0.000	0.000
3) TPCL Gas	3.772	39.773	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.048	104.347	1) MSEDCL	341.774	3635.798
D) STATE			2) Mumbai Discoms	62.013	639.412
1) Thermal	206.105	2267.681	TOTAL STATE	403.787	4275.210
(A1+C1+C4+(B1-B6))					
2) Hydro	9.536	92.450			
(A2+C2)					
3) Gas	11.673	123.250			
(A3+B7+C3)					
4) Wind	57.317	603.655			
6) SOLAR	4.220	45.185			
TOTAL STATE	288.851	3132.221			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4158	3804	4037	4263
MSPGCL Hydro	185	263	365	48
MSPGCL Gas	393	393	396	247
MSPGCL Total Generation	4736	4460	4798	4558
Central Sector Receipt	5161	5276	5330	4223
WIND	2551	2638	2366	2469
CPP / IPP Thermal	3593	3491	4156	2759
CPP / IPP Gas	0	0	0	0
SOLAR	521	122	0	0
Exchange with Mumbai	-1787	-1562	-1471	-886
MSEDCL DEMAND MET	14775	14425	15179	13123
Load Shedding	0	0	0	0
MSEDCL DEMAND	14775	14425	15179	13123
TPCL GENERATION	1042	1053	992	630
AEML GENERATION	372	372	371	374
MUMBAI DEMAND	3201	2987	2834	1890
STATE DEMAND MET	17976	17412	18013	15013
STATE DEMAND	17976	17412	18013	15013
Frequency (Hz)	50.07	50.03	49.91	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 11:32 Hrs	49.75 Hz at 22:22 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 11/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.93	30.82	160	56
Unit 7	2.44	16.65	145	65
Unit 8	0.00	68.96	0	0
Unit 9	9.03	88.20	408	320
Unit 10	9.19	39.83	403	350
Total	23.59	244.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.96	104.64	505	355
Unit 5	8.02	100.78	500	0
Total	17.99	205.42		
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	0.00	13.18	0	0
Unit 4	2.67	35.04	121	107
Unit 5	5.94	74.46	261	235
Unit 6	5.72	69.69	270	180
Unit 7	6.29	76.53	280	240
Unit 8	6.66	78.06	348	218
Unit 9	7.34	77.81	330	265
Total	34.62	424.75		
Paras				
Unit 3	5.01	54.72	250	180
Unit 4	4.12	35.56	240	136
Total	9.13	90.28		
Khaparkheda				
Unit 1	3.74	34.66	185	130
Unit 2	2.77	21.13	135	95
Unit 3	1.87	36.58	200	0
Unit 4	3.94	37.61	180	150
Unit 5	0.00	3.85	0	0
Total	12.33	133.84		
Nasik				
Unit 3	0.00	30.69	0	0
Unit 4	4.03	44.28	202	158
Unit 5	0.00	13.74	0	0
Total	4.03	88.71		
Uran				
All Units	7.90	83.48	404	245
Total	7.90	83.48		
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)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.44	15.67	160	35
Stage 4	0.00	0.23	0	0
Stage 3	1.34	13.40	160	0
Total	2.77	29.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.94	4.04	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	4.63	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.45	2.10	37	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.19	0.85	8	7
GHATGHAR	0.00	6.78	0	0
Total	2.07	19.56		
Wind				
Total	57.32	603.66	0	0
Total	57.32	603.66		
CPP				
APML(Mus)	61.03	583.49	0	0
JSWEL(Mus)	19.25	218.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.93	29.78	0	0
Total	83.21	835.44		
SOLAR				
Total	4.22	45.18	0	0
Total	4.22	45.18		
Tata				
Trombay 5	7.41	87.60	383	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	24.32	116	60
Trombay 7B	1.44	15.46	67	48
Trombay 8	4.74	52.85	202	191
TATA Hydro	4.70	43.60	390	36
Total	20.62	223.82		
AEML				
DTPS U-1&2	9.05	104.35	475	371
Total	9.05	104.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.70	1187.45	MSPGCL Total	114.43	1319.78
			MSPGCL Thml+Gas	109.60	1270.93	Koyna 1,2 & 4 Total	1.44	15.90
			MSPGCL Hydro	4.84	48.85	State Total	288.85	3132.22

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Jul/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4419	48	248	4715	2372	3368	0	0	4384	4122	-1104	13473	0	13473	2143	15616	50.00
2	4207	48	248	4503	2285	3074	0	0	4562	4287	-986	13163	0	13163	1997	15160	50.03
3	4263	48	247	4558	2469	2759	0	0	4145	4223	-886	13123	0	13123	1890	15013	50.03
4	4216	48	256	4520	2599	2699	0	0	4082	4304	-838	13284	0	13284	1844	15128	50.06
5	4246	73	247	4566	2553	2696	0	0	4297	4328	-823	13320	0	13320	1828	15148	50.10
6	4399	128	245	4772	2514	2992	0	0	4554	4736	-917	14097	0	14097	1944	16041	50.05
7	4612	105	245	4962	2193	3262	0	31	5363	5452	-1023	14877	0	14877	2065	16942	49.97
8	4628	165	258	5051	1938	3317	0	139	5612	5840	-1195	15090	0	15090	2281	17371	50.05
9	4677	305	247	5229	2240	3457	0	289	5352	5374	-1392	15197	0	15197	2605	17802	50.09
10	4522	346	265	5133	2027	3581	0	427	5436	5202	-1427	14943	0	14943	2925	17868	50.05
11	4464	230	332	5026	2219	3722	0	469	5614	5021	-1801	14656	0	14656	3129	17785	50.07
12	4158	185	393	4736	2551	3593	0	521	5243	5161	-1787	14775	0	14775	3201	17976	50.07
13	4131	185	389	4705	2440	3501	0	515	5044	4731	-1757	14135	0	14135	3148	17283	50.03
14	4153	190	370	4713	2775	3259	0	560	4690	4243	-1672	13878	0	13878	3048	16926	49.99
15	4191	257	387	4835	2562	3208	0	509	4219	4338	-1594	13858	0	13858	3025	16883	49.92
16	4088	388	388	4864	2740	3173	0	369	4339	4297	-1608	13835	0	13835	3062	16897	49.91
17	4013	368	370	4751	2585	3237	0	244	4680	4808	-1582	14043	0	14043	3045	17088	49.95
18	3804	263	393	4460	2638	3491	0	122	4979	5276	-1562	14425	0	14425	2987	17412	50.03
19	3847	318	384	4549	2458	3861	0	25	5298	4998	-1514	14377	0	14377	2897	17274	50.02
20	4037	365	396	4798	2366	4156	0	0	5302	5330	-1471	15179	0	15179	2834	18013	49.91
21	4226	262	398	4886	2074	4205	0	0	5185	5199	-1423	14941	0	14941	2709	17650	49.90
22	4275	177	392	4844	2749	4256	0	0	4916	4760	-1367	15242	0	15242	2583	17825	49.93
23	4173	139	399	4711	1987	4208	0	0	4826	4683	-1321	14268	0	14268	2448	16716	49.89
24	3946	197	404	4547	1983	4139	0	0	4535	4223	-1297	13595	0	13595	2375	15970	50.04
MUs	101.70	4.84	7.90	114.43	57.32	83.21	0.00	4.22	116.66	114.94	-32.35	341.77	0.00	341.77	62.01	403.79	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 11/Jul/2019

Position as on 6.30 Hrs of 12/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Koyna Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09	11/07/2019	07.31	MS Drain Bonnet Leakage.	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 5	500	02/07/2019	01.25		Continued.	Generator Elect. Fault	
MSPGCL	Nasik Unit 5	210	04/07/2019	15.27		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 3	210	08/07/2019	19.56		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	09/07/2019	10.28		Continued.	LOSS OF FUAL.	
MSPGCL	Chandrapur Unit 3	210	10/07/2019	09.55		Continued.	LPT expansion	
MSPGCL	Uran Unit 5	108	10/07/2019	16.14	11/07/2019	09.03	Bearing vibration high	
MSPGCL	Khaparkheda Unit 3	210	11/07/2019	11.11		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	11/07/2019	17.09	11/07/2019	19.19	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Jul/2019

Position as on 6.30 Hrs of 12/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	11/07/2019	23.34		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 7	210	11/07/2019	23.45		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 12/Jul/2019

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	27/06/2019	19.16		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
Dhule - Bableshwar - II	IntraState	08/07/2019	23.15	11/07/2019	09.14	HT	Over Voltage
karad -kolhapur-II	IntraState	11/07/2019	01.14		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	11/07/2019	09.25	11/07/2019	12.04	PO	CT Secondary And New ComMISSING Work.
Padghe - Nagothane - I	IntraState	11/07/2019	12.10	11/07/2019	13.42	PO	CT Secondary And New ComMISSING Work.
Karad-Jaigad - I	IntraState	11/07/2019	18.31		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.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Relay Under Les.
400/220kv 315 Mva ICT I @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Replay Under Les.
400/220 Kv 167 Mva Spare Ict @Lonikand	IntraState	11/07/2019	10.32	11/07/2019	11.18	PO	Moonsoon Maintenance Work.
400/220kv 315MVA ICT 2 @ Chandrapur GCR	IntraState	11/07/2019	11.08	11/07/2019	15.31	HT	Air Realease.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	11/07/2019	11.27	11/07/2019	18.08	PO	Line Maintenance And Routine Maintenance Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	11/07/2019	11.30	11/07/2019	13.56	PO	Replacement ICT1 RPH Unit OSR Relay.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	11/07/2019	15.20	11/07/2019	16.55	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10		Continued.	T	Distance Protection
Apta - Kalwa1	IntraState	10/07/2019	09.03	11/07/2019	13.55	T	Conductor snapped at Loc.No.639 at Kalwa
Wpcl-Warora 2	IntraState	10/07/2019	15.24		Continued.	HT	sparking on Y Phase line Isolator
PARANDA BARSHI	IntraState	11/07/2019	07.50	11/07/2019	13.00	PO	Insulator Replacement Work
Chakan (400kv)-Bridgestone	IntraState	11/07/2019	08.33	11/07/2019	10.25	PO	Jumpering Work On Tower 132KV.
Satana-Gangapur	IntraState	11/07/2019	09.27	11/07/2019	10.42	T	Due To T/F 3 R PH LV Conductor Slipped.
Shivajinagar-Gangapur	IntraState	11/07/2019	09.27	11/07/2019	10.51	T	Due To T/F 3 R PH LV Conductor Slipped.
Nashik-Padgha	IntraState	11/07/2019	10.47	11/07/2019	18.37	HT	Control Loading Nashik BBLSR.
Mahindra Vehicle-Bridgestone	IntraState	11/07/2019	15.00	11/07/2019	17.52	PO	Jumpering Work On Tower 132KV.
220 KV ICT Outages/Trippings							
220/33 KV 100MVA T/F-II @ Gangapur	IntraState	11/07/2019	09.27	11/07/2019	11.54	T	Due To T/F 3 R PH LV Conductor Slipped.
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--> Y, PHASE, IY=8.33KA, IB=8.

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/2019

Statement-VII

Position as on 6.30 Hrs of 12/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER END.