

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jul/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.133	988.060	1) Gujrat	-1.396	-34.644
2) Hydro	6.106	38.511	2) Madhya Pradesh	12.777	76.805
3) Gas	9.429	67.337	3) Chattisgarh	4.900	40.220
Total MSPGCL	115.668	1093.908	4) Maharashtra	103.479	828.784
B) 1) APLM	52.910	465.844	5) Goa (Amona)	-0.660	-4.796
2) JSWEL	21.115	180.938	Total	119.100	906.369
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.317	189.044
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	31.596	250.804
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	6.706	36.395
6) Other IPP	2.933	24.002	Include PX	-5.616	-75.935
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.317	189.044
C) 1) TPCL Thermal	13.428	113.625	Include PX	9.164	70.058
2) TPCL Hydro	3.858	35.829	Standby	0.000	0.000
3) TPCL Gas	3.706	32.292	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.861	84.279	1) MSEDCL	340.306	2950.914
D) STATE			2) Mumbai Discoms	62.449	516.830
1) Thermal	200.380	1860.405	TOTAL STATE	402.755	3467.744
(A1+C1+C4+(B1-B6))					
2) Hydro	9.964	74.340			
(A2+C2)					
3) Gas	13.135	99.629			
(A3+B7+C3)					
4) Wind	55.609	491.190			
6) SOLAR	4.567	35.810			
TOTAL STATE	283.655	2561.374			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4259	4205	4387	4067
MSPGCL Hydro	176	271	557	35
MSPGCL Gas	386	396	399	394
MSPGCL Total Generation	4821	4872	5343	4496
Central Sector Receipt	5464	5407	5804	3934
WIND	2529	2579	1968	2263
CPP / IPP Thermal	3353	3111	3600	2856
CPP / IPP Gas	0	0	0	0
SOLAR	379	175	0	0
Exchange with Mumbai	-1587	-1587	-1299	-939
MSEDCL DEMAND MET	14959	14557	15416	12610
Load Shedding	0	0	0	0
MSEDCL DEMAND	14959	14557	15416	12610
TPCL GENERATION	983	1028	1060	604
AEML GENERATION	374	372	491	375
MUMBAI DEMAND	2944	2987	2850	1918
STATE DEMAND MET	17903	17544	18266	14528
STATE DEMAND	17903	17544	18266	14528
Frequency (Hz)	50.00	50.05	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 13.02 Hrs	49.79 Hz at 14.14 Hrs	50.02	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 09/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.24	24.83	155	115
Unit 7	0.03	11.74	26	0
Unit 8	2.82	68.96	290	0
Unit 9	7.24	70.16	352	235
Unit 10	6.10	21.80	370	142
Total	19.42	197.49		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.46	84.58	490	360
Unit 5	9.34	82.79	450	355
Total	18.80	167.36		
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	2.65	12.71	140	68
Unit 4	2.49	30.40	134	82
Unit 5	6.17	62.22	305	225
Unit 6	6.41	61.10	295	213
Unit 7	6.76	63.81	301	250
Unit 8	6.01	66.74	306	235
Unit 9	6.14	64.46	270	240
Total	36.62	361.45		
Paras				
Unit 3	4.87	44.16	241	154
Unit 4	3.18	26.86	235	0
Total	8.05	71.02		
Khaparkheda				
Unit 1	3.33	27.84	160	130
Unit 2	2.72	16.47	140	100
Unit 3	3.55	31.46	160	135
Unit 4	3.61	30.56	175	135
Unit 5	0.00	3.85	0	0
Total	13.22	110.19		
Nasik				
Unit 3	0.00	30.69	0	0
Unit 4	4.02	36.11	192	153
Unit 5	0.00	13.74	0	0
Total	4.02	80.54		
Uran				
All Units	9.43	67.34	404	382
Total	9.43	67.34		
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	1.68	12.57	260	35
Stage 4	0.00	0.23	0	0
Stage 3	1.00	10.48	160	0
Total	2.68	23.27		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.36	1.16	61	0
TILLARI	0.58	2.56	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	3.67	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.59	1.36	46	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.56	0	0
GHATGHAR	1.47	5.93	250	0
Total	3.42	15.24		
Wind				
Total	55.61	491.19	0	0
Total	55.61	491.19		
CPP				
APML(Mus)	52.91	465.84	0	0
JSWEL(Mus)	21.12	180.94	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	24.00	0	0
Total	76.96	674.44		
SOLAR				
Total	4.57	35.81	0	0
Total	4.57	35.81		
Tata				
Trombay 5	8.50	70.45	472	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	19.70	116	55
Trombay 7B	1.42	12.59	66	46
Trombay 8	4.93	43.18	228	192
TATA Hydro	3.86	35.83	344	2
Total	20.99	181.75		
AEML				
DTPS U-1&2	9.86	84.28	500	371
Total	9.86	84.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.13	988.06	MSPGCL Total	115.67	1093.91
			MSPGCL Thml+Gas	109.56	1055.40	Koyna 1,2 & 4 Total	1.68	12.80
			MSPGCL Hydro	6.11	38.51	State Total	283.66	2561.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jul/2019

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	4158	91	387	4636	2323	3123	0	0	4115	3758	-1134	12706	0	12706	2174	14880	50.02
2	4065	69	397	4531	2369	2841	0	0	3899	4010	-1036	12715	0	12715	2016	14731	50.08
3	4067	35	394	4496	2263	2856	0	0	3699	3934	-939	12610	0	12610	1918	14528	50.02
4	4062	35	397	4494	2294	2856	0	0	3656	4010	-879	12775	0	12775	1855	14630	50.04
5	4094	40	390	4524	2346	2852	0	0	4039	4239	-863	13098	0	13098	1837	14935	50.03
6	4122	45	388	4555	2311	2962	0	0	4675	5143	-950	14021	0	14021	1924	15945	49.99
7	4265	35	396	4696	2284	3306	0	33	5068	5533	-942	14910	0	14910	2090	17000	50.00
8	4346	52	396	4794	2145	3361	0	162	5283	5471	-970	14963	0	14963	2314	17277	50.07
9	4330	131	399	4860	2265	3348	0	282	5377	5525	-1320	14960	0	14960	2621	17581	50.02
10	4259	176	386	4821	2529	3353	0	379	5402	5464	-1587	14959	0	14959	2944	17903	50.00
11	4026	171	398	4595	2589	3359	0	469	5618	5436	-1738	14710	0	14710	3153	17863	50.04
12	3955	176	384	4515	2656	3388	0	531	5479	5193	-1804	14479	0	14479	3211	17690	50.01
13	3905	147	400	4452	2812	2963	0	513	5348	5258	-1773	14225	0	14225	3136	17361	50.03
14	3970	131	386	4487	2744	2775	0	556	4949	4826	-1699	13689	0	13689	3013	16702	50.08
15	3924	272	391	4587	2904	2804	0	546	4788	5025	-1648	14218	0	14218	3063	17281	49.94
16	4057	357	382	4796	2687	2944	0	502	5100	5072	-1718	14283	0	14283	3093	17376	49.98
17	4120	269	386	4775	2533	3085	0	379	5065	5378	-1667	14483	0	14483	3059	17542	50.02
18	4205	271	396	4872	2579	3111	0	175	5121	5407	-1587	14557	0	14557	2987	17544	50.05
19	4258	292	396	4946	2183	3332	0	40	5179	5581	-1522	14560	0	14560	2897	17457	50.02
20	4387	557	399	5343	1968	3600	0	0	5133	5804	-1299	15416	0	15416	2850	18266	50.00
21	4367	609	388	5364	1664	3636	0	0	5197	5708	-1190	15182	0	15182	2715	17897	50.02
22	4398	684	398	5480	1687	3659	0	0	4649	4984	-1157	14653	0	14653	2625	17278	50.04
23	4408	739	391	5538	1705	3717	0	0	4081	4380	-1122	14218	0	14218	2531	16749	49.99
24	4385	722	404	5511	1769	3727	0	0	3955	3961	-1052	13916	0	13916	2423	16339	50.03
MUs	100.13	6.11	9.43	115.67	55.61	76.96	0.00	4.57	114.88	119.10	-31.60	340.31	0.00	340.31	62.45	402.76	50.02

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 09/Jul/2019

Position as on 6.30 Hrs of 10/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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		Continued.	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	Koradi Unit 7	210	05/07/2019	21.16	09/07/2019	22.58	Heavy steam leakage	
MSPGCL	Paras Unit 4	250	06/07/2019	15.32	09/07/2019	06.39	Coal mill problem	
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 6	500	09/07/2019	23.58		Continued.	DEFERENTIAL PROTECTION OPERATED.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 10/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
koaradi II - Wardha(PG)	IntraState	08/07/2019	22.04	09/07/2019	15.06	T	Distance Protection
Dhule - Bableshwar - II	IntraState	08/07/2019	23.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/07/2019	00.58	09/07/2019	07.02	HT	Over Voltage
Main Bus-I @ Koradi III	IntraState	09/07/2019	10.56	09/07/2019	15.36	PO	MAINTENANCE OF BUS CVT.
Bus Coupler @ Kalwa	IntraState	09/07/2019	13.00	09/07/2019	13.19	PO	LOAD TRIMMING SCHEME TRAIL.
koaradi II - Wardha(PG)	IntraState	09/07/2019	16.47	09/07/2019	17.55	EO	ATTEND SPRING CHARGE PROBLEM OF C.B.
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.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work due to High PPM.
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.
400/220kv 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	08/07/2019	21.31	09/07/2019	12.21	PO	LV SHIFTED TO TBC, PROBLEM IN AIR COMPRESSOR.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	09/07/2019	12.14	09/07/2019	15.13	EO	ATTENDING FIRE DETECTOR TRP ALARM.
400/220 kv 500 MVA ICT-III @ Kalwa	IntraState	09/07/2019	14.54	09/07/2019	19.00	PO	REPLACEMENT OF DAMAGE JUMPER OF B PHASE LV BUSHING.
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
Mahad - Pedambe	IntraState	09/07/2019	06.12	09/07/2019	16.10	PO	HOT SPOT ATTENDING WORK.
New Koyna - Pedambe	IntraState	09/07/2019	06.15	09/07/2019	12.10	PO	HOT SPOT ATTENDING WORK.
Pedambe-Pophali	IntraState	09/07/2019	06.25	09/07/2019	15.58	PO	HOT SPOT ATTENDING WORK.
Main Bus Section-I@ Pedambe	IntraState	09/07/2019	06.55	09/07/2019	11.35	PO	HOT SPOT ATTENDING WORK.
Badnera-Akola I	IntraState	09/07/2019	10.11	09/07/2019	19.23	PO	ERECTION OF TOWER AT LOC.08.
Badnera-Akola li	IntraState	09/07/2019	10.11	09/07/2019	19.23	PO	ERECTION OF TOWER AT LOC.08.
Osmanabad - Solapur (Bale)	IntraState	09/07/2019	10.12	09/07/2019	13.51	PO	Quarterly Maintenance Work
Parly-Parly Extn-I	IntraState	09/07/2019	10.20	09/07/2019	12.40	PO	CRM AND TIMING OF CB.
Chalishaon - Deepnagar	IntraState	09/07/2019	11.14	09/07/2019	15.01	PO	ATTENDING RED HOT AT LOC 229 RPH CUT POINT.
Talandage(400kv) - Five Star Midc	IntraState	09/07/2019	11.22	09/07/2019	13.30	EO	ATTENDING SPARKING ON WAVETRAP.
Parly-Parly Extn.-II	IntraState	09/07/2019	12.40	09/07/2019	14.04	PO	CRM AND TIMING OF CB.
Niwali - Pawas Line	IntraState	10/07/2019	04.20		Continued.	T	Distance Protection

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 09/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2019

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							
220/33kv 25mva Apex Ptr 1 @New Koyana	IntraState	09/07/2019	06.50	09/07/2019	16.15	PO	HOT SPOT ATTENDING WORK.
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD-- > Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER