

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.488	999.964	1) Gujrat	10.772	36.410
2) Hydro	11.997	107.817	2) Madhya Pradesh	6.239	94.210
3) Gas	9.452	111.817	3) Chattisgarh	3.060	35.570
Total MSPGCL	114.937	1219.598	4) Maharashtra	104.773	1146.484
B) 1) APMIL	58.955	723.476	5) Goa (Amona)	-0.528	-7.986
2) JSWEL	22.991	292.198	Total	124.316	1304.688
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.544	271.383
4) RPL(AMT)	7.381	7.381	b) Mumbai Drawl	30.935	352.872
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.032	144.961
6) Other IPP	2.299	30.920	Include PX	-3.380	-45.996
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.544	271.383
C) 1) TPCL Thermal	5.162	145.195	Include PX	10.284	45.302
2) TPCL Hydro	10.188	72.506	Standby	0.000	0.000
3) TPCL Gas	3.329	43.839	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.353	127.179	1) MSEDCL	335.204	4002.915
D) STATE			2) Mumbai Discoms	60.967	741.590
1) Thermal	201.629	2326.313	TOTAL STATE	396.171	4744.505
(A1+C1+C4+(B1-B6))					
2) Hydro	22.185	180.323			
(A2+C2)					
3) Gas	12.781	155.656			
(A3+B7+C3)					
4) Wind	30.352	733.062			
6) SOLAR	4.908	44.464			
TOTAL STATE	271.855	3439.818			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4091	4132	3741	3864
MSPGCL Hydro	746	360	1379	157
MSPGCL Gas	394	393	393	394
MSPGCL Total Generation	5231	4885	5513	4415
Central Sector Receipt	5761	5409	5361	4385
WIND	1194	1021	1457	1514
CPP / IPP Thermal	3800	3821	4190	3173
CPP / IPP Gas	0	0	0	0
SOLAR	498	666	0	0
Exchange with Mumbai	-1564	-1699	-1411	-879
MSEDCL DEMAND MET	14920	14103	15110	12608
Load Shedding	0	0	0	0
MSEDCL DEMAND	14920	14103	15110	12608
TPCL GENERATION	864	845	863	574
AEML GENERATION	494	497	495	373
MUMBAI DEMAND	2922	3041	2769	1826
STATE DEMAND MET	17842	17144	17879	14434
STATE DEMAND	17842	17144	17879	14434
Frequency (Hz)	50.03	49.97	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.01 Hrs	49.81 Hz at 07.19 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 13/Aug/2019

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	7.28	23.24	350	260
Unit 9	0.00	0.00	0	0
Unit 10	8.20	55.57	429	250
Total	15.48	78.81		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.90	115.32	410	305
Unit 5	8.90	114.73	430	325
Total	17.80	230.05		
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	2.44	26.00	125	57
Unit 4	2.40	28.83	124	64
Unit 5	6.77	71.48	300	250
Unit 6	6.95	80.90	320	240
Unit 7	0.00	0.00	0	0
Unit 8	5.90	75.37	370	196
Unit 9	5.91	75.91	365	195
Total	30.38	358.49		
Paras				
Unit 3	5.69	49.31	250	198
Unit 4	4.68	42.98	255	148
Total	10.37	92.29		
Khaparkheda				
Unit 1	2.41	25.80	120	85
Unit 2	1.27	34.18	110	0
Unit 3	2.67	41.69	142	0
Unit 4	3.25	6.02	160	110
Unit 5	7.50	105.82	340	280
Total	17.10	213.49		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	2.35	16.53	126	0
Unit 5	0.00	2.11	0	0
Total	2.35	26.83		
Uran				
All Units	9.45	111.82	404	383
Total	9.45	111.82		
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	3.13	26.05	475	40
Stage 4	4.07	11.01	740	0
Stage 3	2.40	27.55	238	0
Total	9.61	64.60		
Hydro				
KDPH	0.84	9.69	35	35
VTRNA	0.00	0.00	0	0
TILLARI	0.00	11.58	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	5.57	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	5.30	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	6.25	26	23
GHATGHAR	0.15	4.83	125	0
Total	2.39	43.21		
Wind				
Total	30.35	733.06	0	0
Total	30.35	733.06		
CPP				
APML(Mus)	58.96	723.48	0	0
JSWEL(Mus)	22.99	292.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	7.38	7.38	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.30	30.92	0	0
Total	91.63	1053.98		
SOLAR				
Total	4.91	44.46	0	0
Total	4.91	44.46		
Tata				
Trombay 5	0.00	84.65	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	26.43	116	4
Trombay 7B	1.16	17.41	67	7
Trombay 8	5.16	60.55	222	195
TATA Hydro	10.19	72.51	462	330
Total	18.68	261.54		
AEML				
DTPS U-1&2	11.35	127.18	499	372
Total	11.35	127.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.49	999.96	MSPGCL Total	114.94	1219.60
			MSPGCL Thml+Gas	102.94	1111.78	Koyna 1,2 & 4 Total	7.20	37.06
			MSPGCL Hydro	12.00	107.82	State Total	271.86	3439.82

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Aug/2019

Annexure-2

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	3934	287	403	4624	1388	3662	0	0	4038	4149	-979	12844	0	12844	2169	15013	50.02
2	3956	205	394	4555	1454	3634	0	0	3984	3903	-982	12564	0	12564	2000	14564	50.04
3	3884	197	385	4466	1506	3509	0	0	4098	4037	-917	12601	0	12601	1889	14490	50.02
4	3864	157	394	4415	1514	3173	0	0	4070	4385	-879	12608	0	12608	1826	14434	50.01
5	3768	277	404	4449	1532	3286	0	0	4273	4609	-904	12972	0	12972	1814	14786	50.00
6	3880	187	394	4461	1477	3705	0	0	4858	5030	-938	13735	0	13735	1929	15664	50.01
7	3913	1176	393	5482	1291	3850	0	25	5031	5047	-953	14742	0	14742	2093	16835	49.97
8	3950	1308	386	5644	964	3851	0	153	5277	5539	-1068	15083	0	15083	2285	17368	49.93
9	3978	1009	403	5390	1054	3800	0	345	5563	5774	-1258	15105	0	15105	2612	17717	50.02
10	4091	746	394	5231	1194	3800	0	498	5602	5761	-1564	14920	0	14920	2922	17842	50.03
11	4230	320	391	4941	1095	3753	0	571	6274	5955	-1744	14571	0	14571	3108	17679	50.01
12	4108	327	392	4827	978	3699	0	687	5902	6007	-1753	14445	0	14445	3117	17562	50.02
13	4132	360	393	4885	1021	3821	0	666	5668	5409	-1699	14103	0	14103	3041	17144	49.97
14	4109	155	391	4655	939	3872	0	596	5723	5371	-1589	13844	0	13844	2932	16776	49.99
15	4073	165	390	4628	1047	3824	0	562	5575	5723	-1596	14188	0	14188	2946	17134	49.98
16	3855	165	392	4412	1300	3880	0	411	5702	5460	-1584	13880	0	13880	2943	16822	50.03
17	3799	161	391	4351	1434	3917	0	264	5858	5694	-1563	14097	0	14097	2920	17017	50.03
18	3731	229	401	4361	1401	3848	0	120	5616	6008	-1499	14240	0	14240	2854	17094	49.96
19	3633	692	383	4708	1407	3993	0	10	5692	5377	-1438	14057	0	14057	2797	16854	49.99
20	3741	1379	393	5513	1457	4190	0	0	5327	5361	-1411	15110	0	15110	2769	17879	50.04
21	3758	1001	404	5163	1451	4145	0	0	5185	5267	-1303	14723	0	14723	2661	17384	50.02
22	3739	741	394	4874	1186	4144	0	0	5069	5198	-1178	14224	0	14224	2537	16760	50.02
23	3690	478	383	4551	1088	4122	0	0	4974	4976	-1087	13650	0	13650	2447	16097	50.02
24	3672	275	404	4351	1174	4149	0	0	4514	4276	-1049	12901	0	12901	2356	15257	50.05
MUs	93.49	12.00	9.45	114.94	30.35	91.63	0.00	4.91	123.87	124.32	-30.93	335.20	0.00	335.20	60.97	396.17	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 13/Aug/2019

Position as on 6.30 Hrs of 14/Aug/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)	
MSPGCL	Koyana STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
IPP	Adani U-2	660	05/08/2019	00.13		Continued.	Annual Overhaul	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	Coal Shortage	
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	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	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-3	270	25/07/2019	18.00	13/08/2019	02.18	Zero Schedule	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09	13/08/2019	10.31	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet,Sticky & Poor Quality coal	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Due to PA fan tripping on DC voltage failure.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Aug/2019

Position as on 6.30 Hrs of 14/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
TPC-G	Trombay 5	500	12/08/2019	09.11		Continued.	ECONOMIZER DRAIN WALL LEAKAGE.	
TPC-G	Trombay 7B	60	13/08/2019	01.55	13/08/2019	07.43	GAS LEAKAGE BURNER.	
TPC-G	Trombay 7A	120	13/08/2019	02.08	13/08/2019	06.04	GAS LEAKAGE BURNER.	
MSPGCL	Khaparkheda Unit 3	210	13/08/2019	03.44	13/08/2019	06.22	Flame Failure	
MSPGCL	Nasik Unit 4	210	13/08/2019	06.33	13/08/2019	09.47	Flame Failure	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure	
MSPGCL	Khaparkheda Unit 3	210	14/08/2019	04.55		Continued.	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 14/Aug/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
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	31/07/2019	21.46		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.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	12/08/2019	04.52		Continued.	T	LV Side Y-Ph LA Burst.
400/220 KV 500 MVA ICT III @ Jejuri	IntraState	13/08/2019	21.10	13/08/2019	22.55	T	Bucchoz Protection Optd
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.
Tillari Amona	InterState	05/08/2019	07.41		Continued.	PO	Under Break Down.
Talandage - Chikodi	InterState	13/08/2019	11.55	13/08/2019	16.30	PO	CT Replacement At Chikodi End.
Mudshingi Chikodi	InterState	13/08/2019	12.14	13/08/2019	16.36	PO	CT Replacement At Chikodi End.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Vankuswadi- Ajinkyatara	IntraState	08/08/2019	09.30		Continued.	T	Tripped on PDR
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Distance Protection
220kv Halkarni- Tillary	IntraState	10/08/2019	19.05	13/08/2019	13.40	T	Distance Protection
Padgha - Temghar I	IntraState	12/08/2019	11.03		Continued.	HT	To Divert The Load of Padgha ICT.
Padgha-Temghar-II	IntraState	12/08/2019	11.12		Continued.	HT	To Divert The Load of Padgha ICT.
Ghatghar - Jindal	IntraState	13/08/2019	02.07	13/08/2019	10.04	T	R-Phase Wave Trap Insulator Broken.
Bableshtar - Ahamadnagar-I	IntraState	13/08/2019	09.42	13/08/2019	14.58	PO	Replacement Of B-PH CT Jump At Bableshtar End.
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	13/08/2019	11.00	13/08/2019	18.52	EO	R-Ph Wave Trap Top Jumper Found Damaged.
Parly-Parly Extn.-II	IntraState	13/08/2019	11.49	13/08/2019	17.24	EO	Attending Hot Spot
JATH SHEDYAL	IntraState	14/08/2019	00.18	14/08/2019	05.48	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132kv 100MVA ICT II @Satara Midc	IntraState	13/08/2019	11.25	13/08/2019	16.51	PO	Quarterly Maintenance Work
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	13/08/2019	11.52	13/08/2019	16.41	EO	SF6 Gas Leakage Attending.

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