

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.397	1055.181	1) Gujrat	14.729	146.508
2) Hydro	18.660	207.473	2) Madhya Pradesh	4.867	15.014
3) Gas	2.910	18.729	3) Chattisgarh	3.130	34.500
Total MSPGCL	97.967	1281.383	4) Maharashtra	102.291	1431.531
B) 1) APLM	43.948	610.915	5) Goa (Amona)	-0.814	-9.174
2) JSWEL	20.783	272.415	Total	124.203	1618.379
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.518	301.096
4) RPL(AMT)	19.360	260.600	b) Mumbai Drawl	33.937	395.021
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	15.854	173.449
6) Other IPP	2.585	35.826	Include PX	1.899	10.549
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.518	301.096
C) 1) TPCL Thermal	12.097	161.907	Include PX	12.054	127.165
2) TPCL Hydro	4.317	48.224	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.144	120.413	1) MSEDCL	323.979	4322.646
D) STATE			2) Mumbai Discoms	59.495	733.442
1) Thermal	184.314	2517.257	TOTAL STATE	383.474	5056.088
(A1+C1+C4+(B1-B6))					
2) Hydro	22.977	255.697			
(A2+C2)					
3) Gas	2.910	26.613			
(A3+B7+C3)					
4) Wind	45.251	585.912			
6) SOLAR	3.819	52.237			
TOTAL STATE	259.271	3437.716			

* 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 3 Hrs
MSPGCL Thermal	3212	3257	3574	2780
MSPGCL Hydro	1110	964	1154	400
MSPGCL Gas	120	129	119	119
MSPGCL Total Generation	4442	4350	4847	3299
Central Sector Receipt	6281	5413	5531	3658
WIND	1926	2216	1622	1933
CPP / IPP Thermal	3639	3539	4014	3457
CPP / IPP Gas	0	0	0	0
SOLAR	377	587	0	0
Exchange with Mumbai	-1809	-1992	-1426	-864
MSEDCL DEMAND MET	14856	14113	14588	11483
Load Shedding	0	0	0	0
MSEDCL DEMAND	14856	14113	14588	11483
TPCL GENERATION	663	687	912	572
AEML GENERATION	373	374	468	374
MUMBAI DEMAND	2845	3053	2806	1810
STATE DEMAND MET	17701	17166	17394	13293
STATE DEMAND	17701	17166	17394	13293
Frequency (Hz)	50.01	49.96	50.03	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 11.02 Hrs	49.8 Hz at 17.51 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 13/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	10.19	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	7.90	58.74	405	255
Unit 10	6.52	30.89	310	240
Total	14.42	99.83		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.32	119.86	500	345
Unit 5	0.00	0.00	0	0
Total	9.32	122.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.49	60.20	225	123
Unit 7	4.61	62.14	222	184
Unit 8	0.00	0.00	0	0
Total	9.10	122.34		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.40	38.21	118	92
Unit 5	6.25	87.46	290	230
Unit 6	7.09	82.15	305	280
Unit 7	0.00	0.00	0	0
Unit 8	7.49	90.47	340	270
Unit 9	7.24	86.10	325	255
Total	30.48	384.39		
Paras				
Unit 3	0.00	35.18	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	35.18		
Khaparkheda				
Unit 1	1.36	34.17	115	0
Unit 2	0.00	0.00	0	0
Unit 3	1.32	27.64	130	0
Unit 4	2.16	42.40	140	0
Unit 5	6.22	95.82	280	217
Total	11.06	200.03		
Nasik				
Unit 3	2.02	20.94	153	0
Unit 4	0.00	33.99	0	0
Unit 5	0.00	35.72	0	0
Total	2.02	90.64		
Uran				
All Units	2.91	18.73	130	119
Total	2.91	18.73		
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)	1.27	6.20	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	6.20		
Koyna				
Stage 1-2	3.43	33.06	335	40
Stage 4	8.93	93.46	738	0
Stage 3	3.38	41.66	160	80
Total	15.74	168.17		
Hydro				
KDPH	0.86	10.54	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.54	8.16	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	5.33	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	4.48	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	10.11	34	33
GHATGHAR	0.00	0.68	0	0
Total	2.92	39.30		
Wind				
Total	45.25	585.91	0	0
Total	45.25	585.91		
CPP				
APML(Mus)	43.95	610.92	0	0
JSWEL(Mus)	20.78	272.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.36	260.60	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.58	35.83	0	0
Total	86.68	1179.76		
SOLAR				
Total	3.82	52.24	0	0
Total	3.82	52.24		
Tata				
Trombay 5	7.36	100.05	313	286
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	4.66	0	0
Trombay 7B	0.00	3.22	0	0
Trombay 8	4.73	61.86	199	192
TATA Hydro	4.32	48.22	402	75
Total	16.41	218.02		
AEML				
DTPS U-1&2	9.14	120.41	468	373
Total	9.14	120.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	76.40	1055.18	MSPGCL Total	97.97	1281.38
			MSPGCL Thml+Gas	79.31	1073.91	Koyna 1,2 & 4 Total	12.36	126.51
			MSPGCL Hydro	18.66	207.47	State Total	259.27	3437.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Sep/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	2929	360	120	3409	1803	3496	0	0	4050	4193	-1028	11873	0	11873	2026	13899	49.98
2	2807	510	120	3437	1891	3506	0	0	3987	4280	-926	12188	0	12188	1903	14091	50.02
3	2780	400	119	3299	1933	3457	0	0	3792	3658	-864	11483	0	11483	1810	13293	50.05
4	2769	320	120	3209	1824	3476	0	0	3888	3924	-824	11609	0	11609	1755	13364	50.05
5	2837	285	130	3252	1946	3482	0	0	4116	4443	-822	12301	0	12301	1750	14051	49.99
6	2873	690	119	3682	1980	3505	0	0	4685	4835	-906	13096	0	13096	1834	14930	50.01
7	2968	1211	120	4299	1959	3585	0	13	5651	5591	-1016	14431	0	14431	1989	16420	49.94
8	3016	1123	120	4259	1864	3593	0	83	6215	6410	-1184	15025	0	15025	2195	17220	49.95
9	3095	1208	119	4422	1828	3627	0	193	6189	6435	-1481	15024	0	15024	2510	17534	50.02
10	3212	1110	120	4442	1926	3639	0	377	6276	6281	-1809	14856	0	14856	2845	17701	50.01
11	3216	735	119	4070	2351	3538	0	541	6375	6043	-2000	14543	0	14543	3049	17592	50.05
12	3225	686	120	4031	2218	3539	0	585	5965	5948	-2017	14304	0	14304	3096	17400	50.01
13	3257	964	129	4350	2216	3539	0	587	5401	5413	-1992	14113	0	14113	3053	17166	49.96
14	3300	812	119	4231	2097	3529	0	508	5182	5085	-1854	13596	0	13596	2906	16502	50.03
15	3238	887	119	4244	2208	3534	0	386	5099	4915	-1861	13426	0	13426	2912	16338	49.98
16	3175	729	120	4024	2039	3508	0	295	5405	5237	-1793	13310	0	13310	2867	16177	50.00
17	3340	632	129	4101	1973	3523	0	187	5348	5418	-1727	13475	0	13475	2812	16287	50.02
18	3420	932	120	4472	1922	3563	0	62	5160	5085	-1657	13447	0	13447	2780	16227	49.97
19	3484	1149	120	4753	1749	3800	0	2	5448	5363	-1603	14064	0	14064	2799	16863	49.94
20	3574	1154	119	4847	1622	4014	0	0	5579	5531	-1426	14588	0	14588	2806	17394	50.03
21	3556	726	130	4412	1369	4031	0	0	5352	5307	-1333	13786	0	13786	2651	16437	49.99
22	3512	855	120	4487	1471	3978	0	0	5129	5028	-1347	13617	0	13617	2548	16165	50.01
23	3418	625	119	4162	1422	3722	0	0	5194	5090	-1244	13152	0	13152	2341	15493	50.00
24	3396	557	120	4073	1640	3492	0	0	4859	4690	-1223	12672	0	12672	2258	14930	50.02
MUs	76.40	18.66	2.91	97.97	45.25	86.68	0.00	3.82	124.34	124.20	-33.94	323.98	0.00	323.98	59.49	383.47	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 13/Sep/2019

Position as on 6.30 Hrs of 14/Sep/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	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure (Converted to AOH from 16-8-2019)	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		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 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.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
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	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Chandrapur Unit 3	210	31/08/2019	16.21		Continued.	W/D Due To Wet Coal.	
IPP	Adani U-3	660	01/09/2019	00.51		Continued.	APH 3B Support bearing Abnormal Sound.	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule.	
MSPGCL	Uran Unit A0	120	03/09/2019	04.22		Continued.	HP feed water pump fault.	
MSPGCL	Uran Unit 5	108	03/09/2019	04.24		Continued.	boiler discrepancy.	
TPC-G	Trombay 7B	60	03/09/2019	10.42		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7A	120	03/09/2019	10.56		Continued.	Gas shortage due to fire at ONGC.	

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

Position as on 6.30 Hrs of 14/Sep/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	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Nasik Unit 3	210	07/09/2019	15.30	13/09/2019	07.20	Zero Schedule.	
MSPGCL	Khaparkheda Unit 3	210	09/09/2019	03.41	13/09/2019	12.15	Reheater protection operated	
MSPGCL	Paras Unit 3	250	12/09/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 4	210	12/09/2019	00.01		Continued.	zero schedule.	
MSPGCL	Uran Unit 6	108	12/09/2019	06.53		Continued.	Tripped during supply changeover	
MSPGCL	Nasik Unit 5	210	12/09/2019	16.20		Continued.	HP CONTROL VALVE PROBLE.	
MSPGCL	Khaparkheda Unit 4	210	13/09/2019	00.59	13/09/2019	07.35	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 1	210	13/09/2019	14.05		Continued.	Poor Coal	

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

Statement-VII

Position as on 6.30 Hrs of 14/Sep/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 Khandwa II	InterState	10/09/2019	20.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19	13/09/2019	10.34	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	12/09/2019	18.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/09/2019	23.50	13/09/2019	09.31	HT	Over Voltage
Koradi III(Adani)-Koradi II ckt 2	IntraState	13/09/2019	10.49	13/09/2019	17.39	PO	Testing Work
Koradi-Bhusawal	IntraState	13/09/2019	11.24		Continued.	PO	Line diversion work under ORC(RFC at 19.44Hrs)
Padghe - Nagothane - II	IntraState	13/09/2019	14.26	13/09/2019	17.28	EO	To attend Hot Spot
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 2 @Padghe	IntraState	13/09/2019	11.17	13/09/2019	20.50	PO	R Phase LV Bushing Conductor stranded found broken
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)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Lonand-Baramati	IntraState	13/09/2019	09.50	13/09/2019	13.48	PO	Replacement of Flashover Suspension Insulator
Badnera - Nandgaonpeth	IntraState	13/09/2019	11.35		Continued.	PO	Erection and stringing of new D+9 Tower for proposed Railway Wagon repair(Up to 18-9-19)
Koradi-Butibori Rly Tss	IntraState	13/09/2019	11.54	13/09/2019	17.32	PO	Testing Work
Pophali - Pedambe II	IntraState	13/09/2019	14.00	13/09/2019	15.15	EO	SF6 Gas Refilling work
Adlabs - Pedambe	IntraState	13/09/2019	15.45	13/09/2019	23.18	EO	Wavertrap R&Y phase Jumper replacement at Pedambe end

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