

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	77.835	646.972	1) Gujrat	6.919	-6.853
2) Hydro	7.130	69.478	2) Madhya Pradesh	5.973	75.543
3) Gas	8.317	74.274	3) Chattisgarh	2.580	25.580
Total MSPGCL	93.282	790.724	4) Maharashtra	79.006	766.285
B) 1) APLM	48.823	501.502	5) Goa (Amona)	-0.792	-6.138
2) JSWEL	21.435	204.493	Total	93.686	854.417
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.599	192.621
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.600	242.012
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.639	100.788
6) Other IPP	2.323	21.763	Include PX	-3.293	-31.101
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.599	192.621
C) 1) TPCL Thermal	12.492	107.933	Include PX	7.007	35.017
2) TPCL Hydro	6.252	47.723	Standby	0.000	0.000
3) TPCL Gas	2.724	31.363	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.313	85.888	1) MSEDCL	297.534	2723.654
D) STATE			2) Mumbai Discoms	60.381	514.918
1) Thermal	172.221	1568.551	TOTAL STATE	357.915	3238.572
(A1+C1+C4+(B1-B6))					
2) Hydro	13.382	117.201			
(A2+C2)					
3) Gas	11.041	105.637			
(A3+B7+C3)					
4) Wind	65.167	568.272			
6) SOLAR	2.418	24.495			
TOTAL STATE	264.229	2384.156			

* 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 4 Hrs
MSPGCL Thermal	3110	3116	3521	3175
MSPGCL Hydro	426	242	295	148
MSPGCL Gas	285	398	389	280
MSPGCL Total Generation	3821	3756	4205	3603
Central Sector Receipt	5249	4138	4677	2952
WIND	2940	2754	2561	2802
CPP / IPP Thermal	3152	2825	3478	2816
CPP / IPP Gas	0	0	0	0
SOLAR	230	74	0	0
Exchange with Mumbai	-1537	-1443	-1138	-822
MSEDCL DEMAND MET	13855	12104	13783	11351
Load Shedding	0	0	0	0
MSEDCL DEMAND	13855	12104	13783	11351
TPCL GENERATION	981	1039	1174	587
AEML GENERATION	374	374	464	373
MUMBAI DEMAND	2892	2856	2776	1782
STATE DEMAND MET	16747	14960	16559	13133
STATE DEMAND	16747	14960	16559	13133
Frequency (Hz)	50.02	50.00	49.93	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.02 Hrs	49.77 Hz at 13.57 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 09/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	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Unit 10	9.67	24.61	451	370
Total	9.67	24.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.90	80.56	500	345
Unit 5	8.72	79.19	445	265
Total	17.62	159.74		
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	1.81	16.31	115	34
Unit 4	2.02	19.40	99	63
Unit 5	6.30	46.63	305	225
Unit 6	4.14	54.26	251	0
Unit 7	0.00	0.00	0	0
Unit 8	5.34	53.81	230	205
Unit 9	5.11	55.65	230	201
Total	24.72	246.06		
Paras				
Unit 3	2.79	29.67	200	0
Unit 4	2.88	27.35	150	90
Total	5.66	57.02		
Khaparkheda				
Unit 1	2.43	14.93	130	90
Unit 2	2.92	25.58	145	110
Unit 3	3.45	29.07	162	130
Unit 4	0.00	0.00	0	0
Unit 5	8.84	73.09	420	354
Total	17.64	142.66		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	2.52	6.58	136	76
Unit 5	0.00	2.11	0	0
Total	2.52	16.88		
Uran				
All Units	8.32	74.27	400	267
Total	8.32	74.27		
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	2.15	15.25	210	35
Stage 4	0.00	1.24	0	0
Stage 3	1.22	20.38	136	0
Total	3.37	36.86		
Hydro				
KDPH	0.66	6.38	35	0
VTRNA	0.00	0.00	0	0
TILLARI	1.44	10.68	60	60
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	3.93	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	3.93	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	4.59	15	14
GHATGHAR	0.57	3.11	125	0
Total	3.76	32.62		
Wind				
Total	65.17	568.27	0	0
Total	65.17	568.27		
CPP				
APML(Mus)	48.82	501.50	0	0
JSWEL(Mus)	21.44	204.49	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.32	21.76	0	0
Total	72.58	727.76		
SOLAR				
Total	2.42	24.50	0	0
Total	2.42	24.50		
Tata				
Trombay 5	7.65	66.70	437	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.51	18.98	64	60
Trombay 7B	1.21	12.39	52	49
Trombay 8	4.84	41.23	226	196
TATA Hydro	6.25	47.72	452	10
Total	21.47	187.02		
AEML				
DTPS U-1&2	9.31	85.89	498	373
Total	9.31	85.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	77.84	646.97	MSPGCL Total	93.28	790.72
			MSPGCL Thml+Gas	86.15	721.25	Koyna 1,2 & 4 Total	2.15	16.48
			MSPGCL Hydro	7.13	69.48	State Total	264.23	2384.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Aug/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	3188	213	389	3790	2859	2885	0	0	3310	3314	-1100	11748	0	11748	2093	13841	49.96
2	3196	208	381	3785	2910	2803	0	0	3145	3194	-967	11725	0	11725	1939	13664	50.03
3	3140	233	297	3670	2964	2812	0	0	3056	2780	-874	11352	0	11352	1835	13187	50.02
4	3175	148	280	3603	2802	2816	0	0	2951	2952	-822	11351	0	11351	1782	13133	50.04
5	3162	138	285	3585	2842	2837	0	0	3234	3073	-820	11517	0	11517	1782	13299	50.01
6	3213	172	276	3661	2833	2855	0	0	4028	3950	-909	12390	0	12390	1897	14287	50.03
7	3310	290	267	3867	2650	3165	0	15	4513	4436	-996	13137	0	13137	2081	15218	49.95
8	3290	248	271	3809	2792	3481	0	64	4715	4782	-947	13981	0	13981	2295	16276	49.96
9	3132	275	287	3694	2833	3387	0	130	4977	4816	-1216	13644	0	13644	2614	16258	49.98
10	3110	426	285	3821	2940	3152	0	230	5038	5249	-1537	13855	0	13855	2892	16747	50.02
11	3214	452	303	3969	2757	2990	0	267	4890	4589	-1729	12843	0	12843	3096	15939	50.07
12	3286	454	364	4104	2704	2849	0	282	4409	4208	-1707	12440	0	12440	3143	15583	50.02
13	3312	403	379	4094	2652	2794	0	340	3847	3595	-1650	11825	0	11825	3085	14910	50.04
14	3340	383	398	4121	2754	2759	0	304	3343	3198	-1522	11614	0	11614	2934	14548	50.01
15	3287	453	377	4117	2663	2756	0	280	3149	3106	-1476	11446	0	11446	2928	14374	49.94
16	3147	358	388	3893	2723	2798	0	266	3422	3402	-1475	11607	0	11607	2916	14523	50.01
17	3120	281	378	3779	2726	2812	0	157	3516	3703	-1460	11717	0	11717	2882	14599	49.97
18	3116	242	398	3756	2754	2825	0	74	4191	4138	-1443	12104	0	12104	2856	14960	50.00
19	3285	294	379	3958	2637	3167	0	9	4678	4629	-1435	12965	0	12965	2811	15776	49.99
20	3521	295	389	4205	2561	3478	0	0	4807	4677	-1138	13783	0	13783	2776	16559	49.93
21	3291	294	388	3973	2483	3372	0	0	4643	4694	-1162	13360	0	13360	2630	15990	49.99
22	3324	300	379	4003	2407	3238	0	0	4284	4308	-1081	12875	0	12875	2484	15359	49.96
23	3348	290	400	4038	2515	3278	0	0	3533	3584	-981	12434	0	12434	2371	14805	50.00
24	3328	280	379	3987	2406	3272	0	0	3204	3309	-1153	11821	0	11821	2259	14080	50.04
MUs	77.83	7.13	8.32	93.28	65.17	72.58	0.00	2.42	94.88	93.69	-29.60	297.53	0.00	297.53	60.38	357.91	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 09/Aug/2019

Position as on 6.30 Hrs of 10/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	Khaparkheda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koyna 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 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.	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		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	26/07/2019	00.15		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09		Continued.	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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Aug/2019

Position as on 6.30 Hrs of 10/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							coal	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Due to PA fan tripping on DC voltage failure.	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Koyna Unit 4	70	08/08/2019	22.35	09/08/2019	02.40	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Koyna Unit 2	70	08/08/2019	22.40	09/08/2019	02.25	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Koyna Unit 3	70	08/08/2019	22.40	09/08/2019	02.35	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Koyna Unit 1	70	08/08/2019	22.45	09/08/2019	02.20	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Uran Unit A0	120	09/08/2019	02.09	09/08/2019	10.22	Tripped due to 200KV Breaker problem	
MSPGCL	Chandrapur Unit 6	500	09/08/2019	15.14	09/08/2019	18.57	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	09/08/2019	21.50	09/08/2019	10.18	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	10/08/2019	03.25		Continued.	Furnace Pressure High	

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

Statement-VII

Position as on 6.30 Hrs of 10/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
Dhule Khandwa I	InterState	10/08/2019	01.22		Continued.	HT	Over Voltage
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
Dhule - Bableshwar - II	IntraState	05/08/2019	13.13	09/08/2019	08.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/08/2019	04.31	09/08/2019	07.24	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	09/08/2019	09.25	09/08/2019	16.11	PO	B Ph CT Conductor Broken.
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 500 MVA ICT-III @Parali (Girwali)	IntraState	09/08/2019	09.44	09/08/2019	18.02	PO	CT Testing Work.
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.
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
Kandalgaon - Koyna (Pophali)	IntraState	08/08/2019	18.10	09/08/2019	02.05	HT	B phase Jumper Broken at Pophali end
Main Bus Section-I @ Pophali	IntraState	08/08/2019	22.50	09/08/2019	02.05	EO	Main Bus to Main Bus Isolator Jumper work
Vankuswade - Kdph	IntraState	08/08/2019	22.50	09/08/2019	03.00	EO	Main Bus to Main Bus Isolator Jumper work
Kharepatan -Pawas Line	IntraState	09/08/2019	01.26	09/08/2019	01.59	T	Distance Protection
Oni Kharepatan Line	IntraState	09/08/2019	01.26	09/08/2019	17.50	T	B Phase LA Burst at Kharepatan end
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Distance Protection
Pusad - Hingoli	IntraState	09/08/2019	11.11	09/08/2019	16.04	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/33KV 100MVA ICT II @ chakan	IntraState	09/08/2019	09.14	09/08/2019	18.12	PO	Half Yearly Maintenance And Diagnostic Testing.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	09/08/2019	11.15	09/08/2019	17.02	PO	SF6 Density Monitor Replacement Work.
220/132 KV 100MVA ICT-I @ Walchandnagar	IntraState	09/08/2019	12.07	09/08/2019	12.54	PO	Relay Testing Work.
220/132 KV 100MVA ICT-II @ Walchandnagar	IntraState	09/08/2019	12.57	09/08/2019	14.11	PO	Relay Testing Work.

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