

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Aug/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.730	906.476	1) Gujrat	10.375	25.638
2) Hydro	13.650	95.820	2) Madhya Pradesh	4.392	87.971
3) Gas	9.395	102.365	3) Chattisgarh	2.750	32.510
Total MSPGCL	112.775	1104.661	4) Maharashtra	101.754	1041.711
B) 1) APLM	59.625	664.521	5) Goa (Amona)	-0.330	-7.458
2) JSWEL	22.806	269.207	Total	118.941	1180.372
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.325	244.839
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.668	321.937
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.295	132.929
6) Other IPP	2.245	28.621	Include PX	-2.202	-42.616
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.325	244.839
C) 1) TPCL Thermal	7.957	140.033	Include PX	0.000	35.017
2) TPCL Hydro	7.433	62.318	Standby	0.000	0.000
3) TPCL Gas	3.707	40.510	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.942	115.826	1) MSEDCL	323.729	3667.711
D) STATE			2) Mumbai Discoms	57.707	680.623
1) Thermal	193.305	2124.684	TOTAL STATE	381.436	4348.334
(A1+C1+C4+(B1-B6))					
2) Hydro	21.083	158.138			
(A2+C2)					
3) Gas	13.102	142.875			
(A3+B7+C3)					
4) Wind	30.233	702.710			
6) SOLAR	4.772	39.556			
TOTAL STATE	262.495	3167.963			

* 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	3596	3562	3923	3740
MSPGCL Hydro	621	245	1626	106
MSPGCL Gas	393	389	389	396
MSPGCL Total Generation	4610	4196	5938	4242
Central Sector Receipt	5333	5137	5326	4349
WIND	1678	1558	933	1221
CPP / IPP Thermal	3630	3582	3723	2992
CPP / IPP Gas	0	0	0	0
SOLAR	502	594	0	0
Exchange with Mumbai	-1381	-1524	-1275	-766
MSEDCL DEMAND MET	14372	13543	14645	12038
Load Shedding	0	0	0	0
MSEDCL DEMAND	14372	13543	14645	12038
TPCL GENERATION	822	861	869	622
AEML GENERATION	497	470	495	373
MUMBAI DEMAND	2700	2855	2639	1761
STATE DEMAND MET	17072	16398	17284	13799
STATE DEMAND	17072	16398	17284	13799
Frequency (Hz)	49.96	50.00	49.86	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 16.01 Hrs	49.66 Hz at 19.27 Hrs	49.99	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 12/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	6.64	15.96	317	225
Unit 9	0.00	0.00	0	0
Unit 10	6.10	47.37	315	183
Total	12.74	63.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.32	106.42	400	300
Unit 5	9.52	105.83	465	355
Total	17.84	212.24		
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	2.83	23.56	125	112
Unit 4	2.61	26.43	120	99
Unit 5	6.55	64.71	300	220
Unit 6	6.43	73.95	310	190
Unit 7	0.00	0.00	0	0
Unit 8	4.74	69.47	200	193
Unit 9	4.71	70.00	203	190
Total	27.87	328.12		
Paras				
Unit 3	5.12	43.62	261	165
Unit 4	3.27	38.29	181	94
Total	8.39	81.91		
Khaparkheda				
Unit 1	2.88	23.38	150	100
Unit 2	2.65	32.90	130	80
Unit 3	3.41	39.02	153	124
Unit 4	2.40	2.76	155	0
Unit 5	8.74	98.32	415	330
Total	20.09	196.39		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	2.80	14.18	128	90
Unit 5	0.00	2.11	0	0
Total	2.80	24.48		
Uran				
All Units	9.40	102.36	403	384
Total	9.40	102.36		
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	4.34	22.92	505	40
Stage 4	4.56	6.94	750	0
Stage 3	2.42	25.14	238	0
Total	11.32	55.00		
Hydro				
KDPH	0.83	8.85	35	34
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.	0.40	5.11	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	4.96	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	5.65	17	16
GHATGHAR	0.36	4.68	125	0
Total	2.34	40.82		
Wind				
Total	30.23	702.71	0	0
Total	30.23	702.71		
CPP				
APML(Mus)	59.62	664.52	0	0
JSWEL(Mus)	22.81	269.21	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)	2.24	28.62	0	0
Total	84.68	962.35		
SOLAR				
Total	4.77	39.56	0	0
Total	4.77	39.56		
Tata				
Trombay 5	2.98	84.65	456	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.27	24.26	116	60
Trombay 7B	1.44	16.25	67	49
Trombay 8	4.98	55.38	230	167
TATA Hydro	7.43	62.32	462	52
Total	19.10	242.86		
AEML				
DTPS U-1&2	10.94	115.83	498	372
Total	10.94	115.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	89.73	906.48	MSPGCL Total	112.78	1104.66
			MSPGCL Thml+Gas	99.12	1008.84	Koyna 1,2 & 4 Total	8.90	29.85
			MSPGCL Hydro	13.65	95.82	State Total	262.50	3167.96

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 12/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	3734	111	394	4239	1284	3610	0	0	4053	4011	-1056	12088	0	12088	2085	14173	50.00
2	3690	106	385	4181	1298	3356	0	0	4113	4124	-935	12024	0	12024	1933	13957	50.01
3	3741	106	393	4240	1201	3030	0	0	4017	4402	-832	12041	0	12041	1826	13867	50.01
4	3740	106	396	4242	1221	2992	0	0	4236	4349	-766	12038	0	12038	1761	13799	50.03
5	3717	111	403	4231	1374	3013	0	0	4604	4677	-759	12536	0	12536	1757	14293	49.97
6	3784	111	384	4279	1446	3307	0	0	4714	5089	-858	13263	0	13263	1862	15125	49.98
7	3826	498	394	4718	1366	3622	0	31	5099	5087	-757	14067	0	14067	2015	16082	49.98
8	3686	551	392	4629	1351	3637	0	172	5511	5531	-801	14519	0	14519	2170	16689	50.01
9	3620	493	394	4507	1506	3641	0	374	5529	5662	-1124	14566	0	14566	2431	16997	50.02
10	3596	621	393	4610	1678	3630	0	502	5407	5333	-1381	14372	0	14372	2700	17072	49.96
11	3562	385	389	4336	1700	3644	0	509	5461	5199	-1504	13884	0	13884	2866	16750	49.99
12	3459	305	390	4154	1509	3621	0	609	5406	5316	-1543	13666	0	13666	2902	16568	50.02
13	3562	245	389	4196	1558	3582	0	594	5344	5137	-1524	13543	0	13543	2855	16398	50.00
14	3463	226	388	4077	1477	3501	0	592	5217	5340	-1525	13462	0	13462	2738	16200	50.01
15	3592	291	389	4272	1127	3527	0	508	5164	5499	-1496	13437	0	13437	2753	16190	50.01
16	3805	239	389	4433	1031	3586	0	404	5174	5421	-1390	13485	0	13485	2754	16239	50.04
17	3703	703	391	4797	989	3591	0	297	5186	5142	-1335	13481	0	13481	2696	16177	50.02
18	3753	799	390	4942	1160	3622	0	156	5088	5147	-1292	13735	0	13735	2656	16391	49.99
19	3909	837	391	5137	1052	3621	0	24	5148	5114	-1237	13711	0	13711	2596	16307	49.98
20	3923	1626	389	5938	933	3723	0	0	4935	5326	-1275	14645	0	14645	2639	17284	49.86
21	3979	1541	392	5912	922	3712	0	0	5002	5033	-1189	14390	0	14390	2552	16942	49.92
22	3969	1555	392	5916	914	3681	0	0	4617	4717	-1089	14139	0	14139	2454	16593	49.91
23	3987	1293	394	5674	1087	3713	0	0	4376	4292	-1026	13740	0	13740	2390	16130	49.98
24	3930	791	394	5115	1049	3714	0	0	4033	3993	-974	12897	0	12897	2316	15213	50.04
MUs	89.73	13.65	9.40	112.77	30.23	84.68	0.00	4.77	117.43	118.94	-27.67	323.73	0.00	323.73	57.71	381.44	49.99

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 12/Aug/2019

Position as on 6.30 Hrs of 13/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		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 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 12/Aug/2019

Position as on 6.30 Hrs of 13/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.	
MSPGCL	Khaparkheda Unit 4	210	12/08/2019	10.50	12/08/2019	12.53	Flame Failure	
MSPGCL	Khaparkheda Unit 4	210	12/08/2019	12.57	12/08/2019	18.04	Flame Failure	
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		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 13/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
Lonikand I - Koyna stage-IV	IntraState	11/08/2019	22.12	12/08/2019	07.53	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/08/2019	02.58	12/08/2019	07.02	EO	Attend R-PH wave trap broken jumper.
Bus Coupler @ Kharghar	IntraState	12/08/2019	03.11	12/08/2019	06.37	EO	Attend R-PH wave trap broken jumper.
Main Bus A @Kharghar	IntraState	12/08/2019	03.11	12/08/2019	06.37	EO	Attend R-PH wave trap broken jumper.
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.
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.
BADNERA - WARDHA (PG) (Deoli)	InterState	12/08/2019	19.46	12/08/2019	20.33	HT	FOR OD CONTROL.
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
Ghatghar - Jindal	IntraState	09/08/2019	11.14	12/08/2019	16.15	PO	Isolator work at jindal end
Padghe - Jindal	IntraState	10/08/2019	11.22	12/08/2019	16.05	PO	Bus Isolator Problem
220kv Halkarni- Tillary	IntraState	10/08/2019	19.05		Continued.	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.
Uran - Hoc 1	IntraState	12/08/2019	11.45	12/08/2019	13.16	PO	TREE TRIMMING WORK.
Nerle - Dasgaon	IntraState	12/08/2019	14.43	12/08/2019	18.53	HT	For Load Management
Pohali-Nerle	IntraState	12/08/2019	15.05	12/08/2019	18.40	EO	R-PHASE CT TO CB CONDUCTOR REPLACEMENT.
Lonand Sona Alloys	IntraState	12/08/2019	16.20	12/08/2019	19.37	EO	NEW RPH LA ERECTION & COMMISSIONING WORK.
Ghatghar - Jindal	IntraState	13/08/2019	02.07		Continued.	T	R-PHASE WAVE TRAP INSULATOR BROKEN.

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