

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Aug/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.521	1002.656	1) Gujrat	1.545	3.328
2) Hydro	4.800	55.295	2) Madhya Pradesh	9.183	63.412
3) Gas	5.918	28.318	3) Chattisgarh	4.170	40.610
Total MSPGCL	111.239	1086.269	4) Maharashtra	111.383	991.091
B) 1) APLM	29.792	248.820	5) Goa (Amona)	-1.037	-13.591
2) JSWEL	17.568	145.820	Total	125.244	1084.850
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.077	217.589
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.766	222.322
5) WPCL	7.608	68.067	c) MSEDCL Bilateral *	28.774	282.510
6) Other IPP	7.101	66.673	Include PX	5.534	25.785
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.077	217.589
C) 1) TPCL Thermal	7.557	68.527	Include PX	12.237	136.538
2) TPCL Hydro	2.531	19.786	Standby	0.000	0.000
3) TPCL Gas	4.413	38.672	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.682	42.995	1) MSEDCL	322.222	2891.955
D) STATE			2) Mumbai Discoms	41.949	392.297
1) Thermal	174.829	1643.558	TOTAL STATE	364.171	3284.252
(A1+C1+C4+(B1-B6))					
2) Hydro	7.331	75.081			
(A2+C2)					
3) Gas	10.331	66.990			
(A3+B7+C3)					
4) Wind	42.353	365.993			
6) SOLAR	4.083	47.785			
TOTAL STATE	238.927	2199.407			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4459	4108	4190	4105
MSPGCL Hydro	280	120	421	175
MSPGCL Gas	249	248	249	249
MSPGCL Total Generation	4988	4476	4860	4529
Central Sector Receipt	5861	5738	5486	4527
WIND	1821	1687	1696	1722
CPP / IPP Thermal	2731	2551	2778	2170
CPP / IPP Gas	0	0	0	0
SOLAR	316	495	0	0
Exchange with Mumbai	-861	-1153	-924	-824
MSEDCL DEMAND MET	14856	13794	13896	12124
Load Shedding	0	0	0	0
MSEDCL DEMAND	14856	13794	13896	12124
TPCL GENERATION	600	566	717	559
AEML GENERATION	190	189	227	189
MUMBAI DEMAND	1651	1908	1868	1572
STATE DEMAND MET	16507	15702	15764	13696
STATE DEMAND	16507	15702	15764	13696
Frequency (Hz)	49.96	50.03	49.53	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.35 Hrs	49.79 Hz at 02.17 Hrs	49.97	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/2020

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	11.18	98.58	497	453
Unit 9	10.18	90.14	465	285
Unit 10	9.30	33.50	430	330
Total	30.66	222.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	32.53	0	0
Unit 5	0.00	49.56	0	0
Total	0.00	82.09		
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	4.01	23.62	180	163
Unit 4	3.73	31.72	157	147
Unit 5	9.55	80.30	450	365
Unit 6	9.32	80.58	450	350
Unit 7	0.00	44.52	0	0
Unit 8	0.00	59.09	0	0
Unit 9	9.96	85.79	462	360
Total	36.56	405.61		
Paras				
Unit 3	4.47	41.14	213	110
Unit 4	4.77	39.06	220	185
Total	9.24	80.20		
Khaparkheda				
Unit 1	3.24	31.44	165	100
Unit 2	3.30	29.41	170	120
Unit 3	3.91	26.95	180	151
Unit 4	3.98	36.51	190	150
Unit 5	9.63	88.23	450	360
Total	24.05	212.53		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	5.92	28.32	260	228
Total	5.92	28.32		
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)	0.99	7.61	43	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.99	7.61		
Koyna				
Stage 1-2	1.96	21.00	215	40
Stage 4	0.00	5.37	0	0
Stage 3	1.30	15.73	160	0
Total	3.26	42.10		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.12	5.57	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	2.92	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.14	0.82	16	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.84	2.99	35	34
GHATGHAR	0.00	0.00	0	0
Total	1.54	13.20		
Wind				
Total	42.35	365.99	0	0
Total	42.35	365.99		
CPP				
APML(Mus)	29.79	248.82	0	0
JSWEL(Mus)	17.57	145.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.61	68.07	0	0
Other(Mus)	7.10	66.67	0	0
Total	62.07	529.38		
SOLAR				
Total	4.08	47.78	0	0
Total	4.08	47.78		
Tata				
Trombay 5	7.56	68.53	446	293
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	24.59	117	116
Trombay 7B	1.61	14.08	68	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.53	19.79	244	39
Total	14.50	126.98		
AEML				
DTPS U-1&2	4.68	43.00	252	188
Total	4.68	43.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.52	1002.66	MSPGCL Total	111.24	1086.27
			MSPGCL Thml+Gas	106.44	1030.97	Koyna 1,2 & 4 Total	1.92	26.32
			MSPGCL Hydro	4.80	55.30	State Total	238.93	2199.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Aug/2020

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	4116	149	249	4514	1856	2551	0	0	4509	4649	-880	12690	0	12690	1736	14426	49.97
2	4088	80	240	4408	1793	2209	0	0	4552	4555	-785	12180	0	12180	1643	13823	49.93
3	4105	175	249	4529	1722	2170	0	0	4362	4527	-824	12124	0	12124	1572	13696	49.88
4	4112	245	250	4607	2048	2304	0	0	4339	4227	-820	12366	0	12366	1527	13893	49.99
5	4110	80	250	4440	1919	2500	0	0	4574	4377	-787	12449	0	12449	1495	13944	49.98
6	4252	85	251	4588	1790	2578	0	0	5078	5096	-820	13232	0	13232	1528	14760	50.00
7	4392	335	260	4987	1736	2712	0	28	5688	5640	-817	14286	0	14286	1528	15814	49.98
8	4453	275	240	4968	1747	2755	0	118	5985	5905	-804	14689	0	14689	1563	16252	49.96
9	4459	280	249	4988	1821	2731	0	316	5962	5861	-861	14856	0	14856	1651	16507	49.96
10	4057	388	249	4694	1857	2460	0	406	5964	5958	-1016	14359	0	14359	1781	16140	49.96
11	4261	359	248	4868	1984	2610	0	510	5722	5760	-1122	14610	0	14610	1876	16486	50.00
12	4288	270	239	4797	1785	2621	0	568	5674	5777	-1157	14391	0	14391	1917	16308	50.01
13	4108	120	248	4476	1687	2551	0	495	5712	5738	-1153	13794	0	13794	1908	15702	50.03
14	4098	115	238	4451	1623	2467	0	453	5597	5761	-1127	13628	0	13628	1881	15509	50.04
15	4095	115	247	4457	1757	2509	0	474	5502	5654	-1086	13765	0	13765	1838	15603	49.96
16	4331	115	228	4674	1757	2686	0	375	5421	5177	-1037	13632	0	13632	1792	15424	50.02
17	4298	105	249	4652	1816	2662	0	209	5581	5294	-997	13636	0	13636	1753	15389	50.03
18	4184	75	238	4497	1782	2575	0	108	5613	5301	-973	13290	0	13290	1729	15019	50.01
19	4089	272	249	4610	1627	2563	0	23	5470	5461	-973	13311	0	13311	1754	15065	49.99
20	4190	421	249	4860	1696	2778	0	0	5576	5486	-924	13896	0	13896	1868	15764	49.53
21	4236	290	249	4775	1656	2788	0	0	5112	4912	-820	13311	0	13311	1945	15256	50.01
22	4238	176	250	4664	1575	2915	0	0	4724	4693	-886	12961	0	12961	1887	14848	50.03
23	4097	159	249	4505	1554	2749	0	0	4859	4825	-1014	12619	0	12619	1911	14530	50.01
24	3864	116	250	4230	1765	2625	0	0	4859	4610	-1083	12147	0	12147	1866	14013	50.02
MUs	100.52	4.80	5.92	111.24	42.35	62.07	0.00	4.08	126.44	125.24	-22.77	322.22	0.00	322.22	41.95	364.17	49.97

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/2020

Position as on 6.30 Hrs of 10/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna STG-IV Unit-3	250	03/08/2020	09.27		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Aug/2020

Position as on 6.30 Hrs of 10/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	04/08/2020	13.10	10/08/2020	05.51	Zero schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator Rphase winding.	
MSPGCL	Bhusawal Unit 5	500	06/08/2020	11.48		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit-8	500	07/08/2020	10.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 10/Aug/2020

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	30/07/2020	12.45		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/07/2020	18.11		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	05/08/2020	20.06	09/08/2020	12.44	HT	Over Voltage
Bus Coupler @ Padghe	IntraState	07/08/2020	13.30	09/08/2020	20.03	PO	Replacement Of conductor in section 7.(BUS B Padghe outage).
Bhusawal-Aurangabad	IntraState	07/08/2020	16.19		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	08/08/2020	20.16		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	08/08/2020	20.57		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/08/2020	22.03	09/08/2020	09.30	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	09/08/2020	12.53		Continued.	HT	Bus Outage work.(09.08.2020 RFC-23:05)
Koradi III(Adani)-Koradi II ckt 2	IntraState	09/08/2020	13.01	09/08/2020	16.55	PO	Urgent Replacment Of Base support Insulator Of LA
Lonikand I - Koyna stage-IV	IntraState	09/08/2020	21.56	10/08/2020	08.12	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 315 MVA ICT-3 @Padghe	IntraState	09/08/2020	20.12	09/08/2020	20.23	HT	For Bus changeover.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Pophali - Nerale	IntraState	08/08/2020	09.15	09/08/2020	14.20	T	Overload.
Nagothane-Wadkhal-I	IntraState	09/08/2020	10.12	09/08/2020	13.11	PO	Repairs of Wave Trap jumper.
Loteparshuram- Dasturi Line	IntraState	09/08/2020	17.40	09/08/2020	18.00	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	09/08/2020	17.40		Continued.	T	R-PH CT Cap Burst at Dasturi.

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