

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Sep/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.827	947.741	1) Gujrat	10.052	99.083
2) Hydro	6.350	99.154	2) Madhya Pradesh	10.693	76.300
3) Gas	6.443	51.101	3) Chattisgarh	5.140	40.310
Total MSPGCL	146.620	1097.996	4) Maharashtra	138.821	1151.745
B) 1) APML	38.393	273.185	5) Goa (Amona)	-0.835	-7.662
2) JSWEL	19.527	149.188	Total	163.871	1359.776
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.732	200.212
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.487	211.816
5) WPCL	2.705	21.248	c) MSEDCL Bilateral *	29.974	299.338
6) Other IPP	7.784	65.517	Include PX	3.365	101.797
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.732	200.212
C) 1) TPCL Thermal	7.991	72.113	Include PX	20.908	136.518
2) TPCL Hydro	5.198	40.124	Standby	0.000	0.000
3) TPCL Gas	4.399	31.802	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.786	43.058	1) MSEDCL	359.948	2864.377
D) STATE			2) Mumbai Discoms	52.861	398.913
1) Thermal	215.013	1572.050	TOTAL STATE	412.809	3263.290
(A1+C1+C4+(B1-B6))					
2) Hydro	11.548	139.278			
(A2+C2)					
3) Gas	10.842	82.903			
(A3+B7+C3)					
4) Wind	4.714	58.588			
6) SOLAR	6.821	50.695			
TOTAL STATE	248.938	1903.514			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5745	5526	5916	5003
MSPGCL Hydro	123	117	1484	135
MSPGCL Gas	278	254	266	290
MSPGCL Total Generation	6146	5897	7666	5428
Central Sector Receipt	7705	7715	6388	6010
WIND	169	288	280	152
CPP / IPP Thermal	2873	2841	2988	2636
CPP / IPP Gas	0	0	0	0
SOLAR	695	833	0	0
Exchange with Mumbai	-1438	-1602	-1005	-1087
MSEDCL DEMAND MET	16150	15972	16317	13139
Load Shedding	0	0	0	0
MSEDCL DEMAND	16150	15972	16317	13139
TPCL GENERATION	693	748	1065	495
AEML GENERATION	188	188	252	189
MUMBAI DEMAND	2319	2538	2322	1771
STATE DEMAND MET	18469	18510	18639	14910
STATE DEMAND	18469	18510	18639	14910
Frequency (Hz)	50.00	49.99	49.92	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.04 Hrs	49.68 Hz at 21.07 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 08/Sep/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	11.04	88.06	578	324
Unit 9	11.94	86.30	580	460
Unit 10	8.96	70.16	435	310
Total	31.94	244.52		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.91	61.93	495	355
Unit 5	10.24	82.78	500	360
Total	20.14	144.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.33	5.16	232	143
Unit 7	4.79	7.29	234	176
Unit 8	5.03	34.41	234	190
Total	14.16	46.86		
Chandrapur				
Unit 3	3.81	32.12	165	152
Unit 4	3.67	5.71	158	141
Unit 5	9.28	75.69	410	300
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.54	84.98	470	360
Unit 9	10.85	76.50	480	360
Total	38.15	275.01		
Paras				
Unit 3	3.44	32.14	195	117
Unit 4	4.08	28.17	201	130
Total	7.52	60.31		
Khaparkheda				
Unit 1	3.57	23.70	160	115
Unit 2	0.00	18.15	0	0
Unit 3	4.02	29.00	175	158
Unit 4	3.94	28.07	170	154
Unit 5	10.39	77.41	470	375
Total	21.92	176.34		
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	6.44	51.10	290	254
Total	6.44	51.10		
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)	1.21	9.66	52	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.21	9.66		
Koyna				
Stage 1-2	1.92	29.86	360	40
Stage 4	1.58	37.77	808	0
Stage 3	0.86	15.53	160	0
Total	4.37	83.15		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.25	0	0
TILLARI	0.32	1.46	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	3.05	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.98	0	0
ELDARY	0.54	4.00	23	22
SMLHY_PTN	0.23	3.33	11	9
GHATGHAR	0.51	1.43	125	0
Total	1.98	16.00		
Wind				
Total	4.71	58.59	0	0
Total	4.71	58.59		
CPP				
APML(Mus)	38.39	273.18	0	0
JSWEL(Mus)	19.53	149.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	21.25	0	0
Other(Mus)	7.78	65.52	0	0
Total	68.41	509.14		
SOLAR				
Total	6.82	50.70	0	0
Total	6.82	50.70		
Tata				
Trombay 5	7.99	72.11	437	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	19.90	117	116
Trombay 7B	1.59	11.91	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.20	40.12	445	2
Total	17.59	144.04		
AEML				
DTPS U-1&2	4.79	43.06	252	188
Total	4.79	43.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.83	947.74	MSPGCL Total	146.62	1098.00
			MSPGCL Thml+Gas	140.27	998.84	Koyna 1,2 & 4 Total	3.51	67.63
			MSPGCL Hydro	6.35	99.15	State Total	248.94	1903.51

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Sep/2020

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	4983	226	279	5488	347	2607	0	0	6186	5980	-1161	13261	0	13261	2077	15338	49.97
2	5006	144	280	5430	244	2646	0	0	6120	6258	-1171	13407	0	13407	1933	15340	50.00
3	5073	146	269	5488	272	2633	0	0	6179	5999	-1161	13231	0	13231	1846	15077	50.00
4	5003	135	290	5428	152	2636	0	0	6116	6010	-1087	13139	0	13139	1771	14910	50.00
5	5291	130	279	5700	120	2635	0	0	6122	6093	-1053	13495	0	13495	1737	15232	49.99
6	5605	102	270	5977	115	2801	0	0	6215	6300	-989	14204	0	14204	1762	15966	49.99
7	5705	78	280	6063	110	2880	0	28	6881	6887	-937	15031	0	15031	1771	16802	50.01
8	5608	96	270	5974	118	2899	0	209	7438	7375	-1030	15545	0	15545	1869	17414	50.01
9	5708	123	279	6110	136	2910	0	478	7575	7485	-1196	15923	0	15923	2069	17992	50.00
10	5745	123	278	6146	169	2873	0	695	7788	7705	-1438	16150	0	16150	2319	18469	50.00
11	5647	113	267	6027	184	2849	0	799	8091	7701	-1610	15950	0	15950	2485	18435	50.00
12	5464	128	255	5847	231	2788	0	897	8104	7805	-1690	15878	0	15878	2574	18452	50.01
13	5695	114	265	6074	205	2872	0	934	7510	7209	-1664	15630	0	15630	2530	18160	49.97
14	5598	123	254	5975	184	2825	0	870	7556	7425	-1641	15638	0	15638	2505	18143	49.98
15	5526	117	254	5897	288	2841	0	833	7564	7715	-1602	15972	0	15972	2538	18510	49.99
16	5681	117	254	6052	185	2882	0	604	7558	7545	-1536	15732	0	15732	2529	18261	49.90
17	5781	127	265	6173	160	2904	0	324	7430	7515	-1447	15629	0	15629	2498	18127	49.99
18	5901	303	255	6459	181	2879	0	128	7186	7006	-1425	15228	0	15228	2401	17629	49.94
19	5954	910	255	7119	158	2961	0	22	6883	6331	-1109	15482	0	15482	2317	17799	49.86
20	5916	1484	266	7666	280	2988	0	0	6495	6388	-1005	16317	0	16317	2322	18639	49.92
21	5833	630	266	6729	216	2983	0	0	6456	6184	-981	15131	0	15131	2264	17395	49.90
22	5773	514	267	6554	200	3018	0	0	6413	6360	-984	15148	0	15148	2239	17387	49.90
23	5739	201	268	6208	231	3145	0	0	6357	6273	-1204	14653	0	14653	2252	16905	49.93
24	5592	166	278	6036	228	2954	0	0	6354	6322	-1366	14174	0	14174	2253	16427	49.95
MUs	133.83	6.35	6.44	146.62	4.71	68.41	0.00	6.82	166.58	163.87	-30.49	359.95	0.00	359.95	52.86	412.81	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 08/Sep/2020

Position as on 6.30 Hrs of 09/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	20/08/2020	15.57		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	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	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		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.	
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	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Ghatghar Unit-1	125	27/08/2020	05.25		Continued.	Runner band Drainage valve Leakage	
MSPGCL	Chandrapur Unit 6	500	27/08/2020	10.55		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Sep/2020

Position as on 6.30 Hrs of 09/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
MSPGCL	Khaparkheda Unit 2	210	06/09/2020	21.57	09/09/2020	03.15	Air Filter Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 09/Sep/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
Wardha (Pg) Warora I	InterState	07/09/2020	13.10		Continued.	PO	N2 Lockout Alarm Appeared (Bay No 428 At Wardha Pg End.)
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	07/09/2020	18.26	08/09/2020	08.33	HT	Over Voltage
Padghe - Kalwa- I	IntraState	07/09/2020	23.43	08/09/2020	08.34	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	08/09/2020	09.28	08/09/2020	21.16	PO	Routine Maintenance Work
Main Bus I @ Alkud	IntraState	08/09/2020	10.26	08/09/2020	14.42	PO	Quarterly Maintanance Work
Dhule- Bableshwar - I	IntraState	08/09/2020	14.42		Continued.	T	Distance Protection (Rfc 18.55)
Khadka-Aurangabad (Waluj)	IntraState	08/09/2020	17.09		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	09/09/2020	04.40	09/09/2020	06.08	T	Distance Protection
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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	07/09/2020	08.27	08/09/2020	01.48	PO	For The Overhauling of NIFPS (CTR) of ICT 1.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	08/09/2020	09.16	08/09/2020	13.05	EO	NDR Alarm
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	08/09/2020	09.38	08/09/2020	17.57	PO	Testing Work
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)
Mahalakshmi Amona	InterState	08/09/2020	11.03	08/09/2020	11.50	T	Distance Protection
Tillari Amona	InterState	08/09/2020	11.03	08/09/2020	17.42	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45		Continued.	T	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
WARDHA - WARDHA (PG) (Deoli)	IntraState	07/09/2020	10.10		Continued.	PO	Routine Maintenance Work
Bombay Dyeing - Sahara	IntraState	07/09/2020	18.01	08/09/2020	14.10	T	Distance Protection
Pohali-Nerle	IntraState	07/09/2020	19.25	08/09/2020	15.25	T	Distance Protection
Bableshwar- Bableshwar-I	IntraState	08/09/2020	09.43	08/09/2020	13.05	PO	Tan D Testing
220kv Halkarni- Tillary	IntraState	08/09/2020	11.03	08/09/2020	12.00	T	Distance Protection
Apta - Taloja	IntraState	08/09/2020	11.46	08/09/2020	17.07	PO	Routine Maintenance Work
Padghe - Wada	IntraState	08/09/2020	13.31	08/09/2020	16.17	EO	Tree Cutting work
Main Bus -II @Kolhapur(Talandage)	IntraState	08/09/2020	16.20		Continued.	PO	Replacement work
Pophali - Nerale	IntraState	08/09/2020	16.57		Continued.	T	Distance Protection

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132kV 150MVA ICT-II @ Satana	IntraState	08/09/2020	12.30	08/09/2020	13.15	EO	Attend compressor valve leakage