

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Sep/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.679	2509.272	1) Gujrat	10.453	213.141
2) Hydro	4.794	157.987	2) Madhya Pradesh	2.300	143.280
3) Gas	6.537	120.542	3) Chattisgarh	4.130	90.670
Total MSPGCL	132.010	2787.801	4) Maharashtra	106.892	2685.456
B) 1) APMIL	48.675	807.509	5) Goa (Amona)	-0.572	-6.961
2) JSWEL	15.154	352.372	Total	123.203	3125.586
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.200	510.349
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.271	563.277
5) WPCL	2.469	51.750	c) MSEDCL Bilateral *	20.966	594.861
6) Other IPP	6.327	149.341	Include PX	-1.045	99.989
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.200	510.349
C) 1) TPCL Thermal	7.328	162.523	Include PX	10.462	357.173
2) TPCL Hydro	2.502	81.655	Standby	0.000	0.000
3) TPCL Gas	3.086	78.827	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.892	110.118	1) MSEDCL	319.148	7027.251
D) STATE			2) Mumbai Discoms	45.079	996.399
1) Thermal	209.524	4142.885	TOTAL STATE	364.227	8023.650
(A1+C1+C4+(B1-B6))					
2) Hydro	7.296	239.642			
(A2+C2)					
3) Gas	9.623	199.369			
(A3+B7+C3)					
4) Wind	8.395	206.490			
6) SOLAR	6.186	109.679			
TOTAL STATE	241.024	4898.065			

* 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	5091	5006	5273	5017
MSPGCL Hydro	301	209	462	120
MSPGCL Gas	279	277	258	279
MSPGCL Total Generation	5671	5492	5993	5416
Central Sector Receipt	6084	5265	5016	4298
WIND	165	157	988	314
CPP / IPP Thermal	2808	2824	3458	2837
CPP / IPP Gas	0	0	0	0
SOLAR	626	912	0	0
Exchange with Mumbai	-1093	-1227	-867	-870
MSEDCL DEMAND MET	14261	13423	14588	11995
Load Shedding	0	0	0	0
MSEDCL DEMAND	14261	13423	14588	11995
TPCL GENERATION	409	453	841	448
AEML GENERATION	371	371	369	371
MUMBAI DEMAND	1873	2051	2077	1689
STATE DEMAND MET	16134	15474	16665	13684
STATE DEMAND	16134	15474	16665	13684
Frequency (Hz)	50.02	49.96	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 22.01 Hrs	49.83 Hz at 14.40 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 20/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	8.74	222.54	450	280
Unit 9	9.74	220.75	487	236
Unit 10	7.60	182.05	375	260
Total	26.07	625.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.68	170.22	495	0
Unit 5	9.00	192.22	495	350
Total	16.68	362.45		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	19.70	0	0
Unit 7	0.00	30.40	0	0
Unit 8	0.00	64.10	0	0
Total	0.00	114.20		
Chandrapur				
Unit 3	3.51	77.51	158	133
Unit 4	3.55	49.82	155	136
Unit 5	8.82	186.90	395	360
Unit 6	8.84	49.09	415	340
Unit 7	0.00	0.00	0	0
Unit 8	9.12	203.30	460	280
Unit 9	9.91	198.15	470	360
Total	43.76	764.76		
Paras				
Unit 3	4.36	85.48	216	130
Unit 4	4.66	81.22	218	181
Total	9.02	166.70		
Khaparkheda				
Unit 1	3.70	66.60	160	130
Unit 2	3.94	62.64	185	160
Unit 3	3.94	75.05	185	158
Unit 4	4.00	75.95	190	160
Unit 5	9.56	195.58	495	365
Total	25.15	475.83		
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	6.54	120.54	290	256
Total	6.54	120.54		
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)	1.14	24.19	54	21

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.14	24.19		
Koyna				
Stage 1-2	2.47	53.60	430	40
Stage 4	0.00	40.94	0	0
Stage 3	0.57	22.87	80	0
Total	3.04	117.41		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.14	2.07	61	0
TILLARI	0.36	6.32	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	6.92	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.17	2.82	15	0
ELDARY	0.51	10.25	22	21
SMLHY_PTN	0.08	7.68	4	3
GHATGHAR	0.21	4.02	125	0
Total	1.75	40.58		
Wind				
Total	8.40	206.49	0	0
Total	8.40	206.49		
CPP				
APML(Mus)	48.68	807.51	0	0
JSWEL(Mus)	15.15	352.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.47	51.75	0	0
Other(Mus)	6.33	149.34	0	0
Total	72.62	1360.97		
SOLAR				
Total	6.19	109.68	0	0
Total	6.19	109.68		
Tata				
Trombay 5	7.33	162.52	311	287
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	49.33	116	14
Trombay 7B	1.28	29.50	64	49
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.50	81.66	376	2
Total	12.92	323.00		
AEML				
DTPS U-1&2	8.89	110.12	373	368
Total	8.89	110.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.68	2509.27	MSPGCL Total	132.01	2787.80
			MSPGCL Thml+Gas	127.22	2629.81	Koyna 1,2 & 4 Total	2.47	94.54
			MSPGCL Hydro	4.79	157.99	State Total	241.02	4898.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Sep/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	5132	70	269	5471	510	2997	0	0	4223	4263	-979	12262	0	12262	1894	14156	50.00
2	5032	195	280	5507	495	2897	0	0	4096	4291	-947	12243	0	12243	1785	14028	49.99
3	5017	120	279	5416	314	2837	0	0	4262	4298	-870	11995	0	11995	1689	13684	49.99
4	5005	75	270	5350	347	2844	0	0	4467	4424	-811	12154	0	12154	1627	13781	50.00
5	4974	75	280	5329	342	2843	0	0	4777	4683	-788	12409	0	12409	1604	14013	49.99
6	5035	70	269	5374	300	2883	0	0	5292	5186	-807	12936	0	12936	1621	14557	49.96
7	5591	70	290	5951	227	3237	0	11	5493	5142	-824	13744	0	13744	1624	15368	50.03
8	5823	81	279	6183	226	3382	0	153	5528	5138	-862	14220	0	14220	1659	15879	50.04
9	5153	127	269	5549	209	3031	0	403	5872	5843	-975	14060	0	14060	1754	15814	50.02
10	5091	301	279	5671	165	2808	0	626	5894	6084	-1093	14261	0	14261	1873	16134	50.02
11	5019	296	267	5582	149	2978	0	813	5587	5694	-1218	13998	0	13998	2010	16008	50.03
12	4989	185	267	5441	123	2953	0	835	5799	5596	-1239	13709	0	13709	2059	15768	50.00
13	5006	209	277	5492	157	2824	0	912	5473	5265	-1227	13423	0	13423	2051	15474	49.96
14	4925	384	256	5565	184	2816	0	821	5143	5170	-1183	13373	0	13373	2001	15374	49.92
15	4915	404	266	5585	219	2946	0	738	5114	4971	-1170	13289	0	13289	1985	15274	49.97
16	5005	148	276	5429	237	2990	0	513	5514	5086	-1149	13106	0	13106	1949	15055	50.02
17	4998	91	267	5356	330	2990	0	280	5596	5260	-1128	13088	0	13088	1920	15008	50.02
18	5067	142	257	5466	366	3026	0	81	5511	5474	-938	13475	0	13475	1899	15374	50.01
19	5269	346	288	5903	638	3267	0	0	5372	5588	-836	14560	0	14560	1979	16539	49.98
20	5273	462	258	5993	988	3458	0	0	5338	5016	-867	14588	0	14588	2077	16665	50.01
21	4672	145	268	5085	798	3319	0	0	5035	5005	-826	13381	0	13381	2044	15425	49.97
22	4592	476	289	5357	524	3182	0	0	4869	5263	-802	13524	0	13524	1929	15453	50.00
23	4632	171	269	5072	341	3158	0	0	5239	5268	-851	12988	0	12988	2034	15022	50.02
24	4464	151	268	4883	206	2959	0	0	5278	5195	-881	12362	0	12362	2012	14374	50.00
MUs	120.68	4.79	6.54	132.01	8.40	72.62	0.00	6.19	124.77	123.20	-23.27	319.15	0.00	319.15	45.08	364.23	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 20/Sep/2020

Position as on 6.30 Hrs of 21/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	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	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
IPP	JSW (J) U3	300	09/09/2020	10.56		Continued.	CW Duct leakage	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Sep/2020

Position as on 6.30 Hrs of 21/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna STG- IV Unit - 1	250	20/09/2020	12.00		Continued.	CT Maintenance Work.	
MSPGCL	Bhusawal Unit 4	500	20/09/2020	20.14		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 6	108	21/09/2020	00.14		Continued.	For Boiler RLA Work & Validity Extention.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 21/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
Dhule Khandwa I	InterState	12/09/2020	01.05		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	20/09/2020	03.40	20/09/2020	08.42	T	DT received at Padghe.
Akola II - RPL(Rattanindia) Ckt I	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	16/09/2020	23.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	18/09/2020	21.47		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/09/2020	17.32		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	19/09/2020	21.01	20/09/2020	09.16	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/09/2020	23.33	20/09/2020	09.21	HT	Over Voltage
karad -kolhapur-II	IntraState	20/09/2020	02.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/09/2020	19.34		Continued.	HT	Over Voltage (CVT Problem).
Padghe - Kalwa- I	IntraState	20/09/2020	21.42		Continued.	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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	20/09/2020	08.17	20/09/2020	16.17	PO	CB Maintenance 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)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
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
Karad(400kv) -Nigade	IntraState	17/09/2020	09.38		Continued.	PO	Construction work
Uran - Jnpt	IntraState	18/09/2020	13.07		Continued.	PO	Removal of existing E/W and string of OPGW wire
Jejuri-Phursungi ckt-2	IntraState	20/09/2020	02.02	20/09/2020	02.42	T	Distance Protection
Nerul-Trombay	IntraState	20/09/2020	06.32	20/09/2020	18.36	PO	Pile Foundation Work BY MMRDA.
Vankuswade - Kdph	IntraState	20/09/2020	09.05	20/09/2020	16.30	PO	Replacement of Long Rod Polymer Insulator String Near Vankuswade Ss From LOC.No.48.
Dhule-Chalisagaon	IntraState	20/09/2020	09.23	20/09/2020	20.39	PO	Jumpers Removed At LOC.NO. 97. For Line Reorientation.
Vasai Kamba	IntraState	20/09/2020	10.00	20/09/2020	15.45	PO	Insulator replacement work.
Dhule - Malegaon	IntraState	20/09/2020	10.23	20/09/2020	20.39	PO	Jumpers Removed At LOC.NO. 97. For Line Reorientation.
Butibori-Khaperkheda	IntraState	20/09/2020	13.50	20/09/2020	18.50	T	Distance Protection
Nanded-Parbhani	IntraState	20/09/2020	14.37	20/09/2020	15.02	T	Distance Protection
Phursungi-Serum	IntraState	20/09/2020	15.37	20/09/2020	22.56	T	LA CC bust.

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 20/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 21/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri-Phursungi ckt-1	IntraState	20/09/2020	15.42	20/09/2020	16.18	T	over load (Due to tripping of 220KV JEJURI- SERUM tap Line.
JEJURI (400 Kv) - GIS KONDHWA	IntraState	20/09/2020	15.49	20/09/2020	16.08	T	over load (Due to tripping of 220KV JEJURI- SERUM tap Line.
220 KV ICT Outages/Trippings							
220/22kV 50MVA T/F-III @ Nalasopara	IntraState	20/09/2020	15.55	20/09/2020	16.55	EO	Commissioning Of Master trip relay on LV Panel.