

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Sep/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.738	1612.169	1) Gujrat	10.595	145.951
2) Hydro	3.699	122.379	2) Madhya Pradesh	4.366	112.405
3) Gas	6.084	83.308	3) Chattisgarh	4.400	61.500
Total MSPGCL	135.521	1817.856	4) Maharashtra	126.477	1831.323
B) 1) APML	35.313	480.184	5) Goa (Amona)	-0.877	-12.797
2) JSWEL	16.688	228.990	Total	144.961	2138.382
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.270	343.220
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.194	369.697
5) WPCL	2.377	33.932	c) MSEDCL Bilateral *	24.501	425.077
6) Other IPP	6.582	101.228	Include PX	-0.776	104.276
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.270	343.220
C) 1) TPCL Thermal	7.120	110.115	Include PX	20.812	243.345
2) TPCL Hydro	1.376	55.642	Standby	0.000	0.000
3) TPCL Gas	3.568	52.934	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.530	66.298	1) MSEDCL	341.673	4627.165
D) STATE			2) Mumbai Discoms	44.788	654.686
1) Thermal	198.348	2632.916	TOTAL STATE	386.461	5281.851
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	5.075	178.021			
3) Gas (A3+B7+C3)	9.652	136.242			
4) Wind	23.454	117.932			
6) SOLAR	4.971	78.358			
TOTAL STATE	241.500	3143.469			

* 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	5239	5242	5438	5206
MSPGCL Hydro	143	138	331	81
MSPGCL Gas	292	272	260	220
MSPGCL Total Generation	5674	5652	6029	5507
Central Sector Receipt	6693	6322	6299	5519
WIND	1092	967	1072	658
CPP / IPP Thermal	2616	2458	2650	2438
CPP / IPP Gas	0	0	0	0
SOLAR	544	665	0	0
Exchange with Mumbai	-1279	-1401	-1087	-1003
MSEDCL DEMAND MET	15340	14663	14963	13119
Load Shedding	0	0	0	0
MSEDCL DEMAND	15340	14663	14963	13119
TPCL GENERATION	406	414	754	495
AEML GENERATION	188	189	188	190
MUMBAI DEMAND	1873	2004	2029	1688
STATE DEMAND MET	17213	16667	16992	14807
STATE DEMAND	17213	16667	16992	14807
Frequency (Hz)	50.03	50.01	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 10:03 Hrs	49.87 Hz at 00:05 Hrs	50.01	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 13/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	11.12	145.91	525	453
Unit 9	11.06	142.93	520	435
Unit 10	9.64	117.77	420	395
Total	31.83	406.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.64	108.30	360	360
Unit 5	8.66	129.29	370	350
Total	17.30	237.60		
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	4.65	30.40	202	169
Unit 8	4.93	59.81	221	201
Total	9.58	109.91		
Chandrapur				
Unit 3	3.84	51.61	165	154
Unit 4	3.78	24.37	160	156
Unit 5	9.00	122.33	420	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.00	134.46	460	360
Unit 9	9.11	127.23	450	360
Total	34.73	459.99		
Paras				
Unit 3	3.92	52.73	250	86
Unit 4	4.33	47.32	191	155
Total	8.25	100.05		
Khaparkheda				
Unit 1	3.46	40.82	160	110
Unit 2	3.86	35.94	170	160
Unit 3	3.81	47.60	164	150
Unit 4	3.90	47.93	170	160
Unit 5	9.03	125.72	460	360
Total	24.06	298.02		
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	6.08	83.31	292	218
Total	6.08	83.31		
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	15.80	52	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.21	15.80		
Koyna				
Stage 1-2	1.36	39.58	165	45
Stage 4	0.00	39.68	0	0
Stage 3	0.60	18.89	80	0
Total	1.96	98.15		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.54	0	0
TILLARI	0.70	2.98	59	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.67	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	2.34	0	0
ELDARY	0.53	6.62	22	21
SMLHY_PTN	0.20	4.62	9	8
GHATGHAR	0.04	1.96	37	0
Total	1.74	24.23		
Wind				
Total	23.45	117.93	0	0
Total	23.45	117.93		
CPP				
APML(Mus)	35.31	480.18	0	0
JSWEL(Mus)	16.69	228.99	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.38	33.93	0	0
Other(Mus)	6.58	101.23	0	0
Total	60.96	844.33		
SOLAR				
Total	4.97	78.36	0	0
Total	4.97	78.36		
Tata				
Trombay 5	7.12	110.12	311	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.18	33.30	117	65
Trombay 7B	1.39	19.63	66	50
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.38	55.64	288	0
Total	12.06	218.69		
AEML				
DTPS U-1&2	4.53	66.30	190	188
Total	4.53	66.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.74	1612.17	MSPGCL Total	135.52	1817.86
			MSPGCL Thml+Gas	131.82	1695.48	Koyna 1,2 & 4 Total	1.36	79.26
			MSPGCL Hydro	3.70	122.38	State Total	241.50	3143.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5180	76	218	5474	931	2608	0	0	6256	5759	-1262	13510	0	13510	1946	15456	50.01
2	5167	81	228	5476	938	2498	0	0	5706	5671	-1152	13431	0	13431	1837	15268	49.99
3	5193	81	220	5494	780	2451	0	0	5390	5409	-1063	13071	0	13071	1746	14817	49.99
4	5206	81	220	5507	658	2438	0	0	5504	5519	-1003	13119	0	13119	1688	14807	50.00
5	5201	86	220	5507	668	2439	0	0	5794	5769	-960	13423	0	13423	1643	15066	50.00
6	5375	99	220	5694	649	2608	0	0	6183	6101	-961	14091	0	14091	1652	15743	50.02
7	5639	180	229	6048	716	2713	0	16	6396	6436	-1028	14901	0	14901	1647	16548	50.00
8	5608	161	253	6022	870	2779	0	124	6548	6450	-1070	15175	0	15175	1671	16846	50.00
9	5395	176	281	5852	959	2708	0	311	6722	6607	-1163	15274	0	15274	1758	17032	50.02
10	5239	143	292	5674	1092	2616	0	544	7115	6693	-1279	15340	0	15340	1873	17213	50.03
11	5232	133	282	5647	1195	2464	0	627	7172	6559	-1358	15134	0	15134	1952	17086	50.09
12	5224	133	270	5627	1090	2437	0	756	6602	6415	-1412	14913	0	14913	2012	16925	50.01
13	5242	138	272	5652	967	2458	0	665	6466	6322	-1401	14663	0	14663	2004	16667	50.01
14	5191	168	260	5619	947	2426	0	591	6278	6277	-1362	14498	0	14498	1966	16464	49.99
15	5161	293	260	5714	912	2435	0	566	6188	6068	-1339	14356	0	14356	1938	16294	50.00
16	5118	183	250	5551	952	2601	0	412	6411	6248	-1286	14478	0	14478	1886	16364	50.01
17	5093	174	259	5526	1009	2534	0	253	6606	6226	-1242	14306	0	14306	1842	16148	50.03
18	5073	174	260	5507	1231	2417	0	97	6544	6324	-1223	14353	0	14353	1825	16178	49.99
19	5112	188	270	5570	1255	2421	0	9	6269	6224	-1094	14385	0	14385	1881	16266	49.98
20	5438	331	260	6029	1072	2650	0	0	6369	6299	-1087	14963	0	14963	2029	16992	50.02
21	5190	204	260	5654	975	2692	0	0	5855	5739	-1086	13974	0	13974	2007	15981	50.00
22	5138	155	260	5553	1082	2641	0	0	5511	5618	-1037	13857	0	13857	1992	15849	50.00
23	5177	160	260	5597	1230	2502	0	0	5350	5095	-1140	13284	0	13284	1991	15275	50.02
24	5146	101	280	5527	1276	2424	0	0	5180	5133	-1186	13174	0	13174	2002	15176	50.02
MUs	125.74	3.70	6.08	135.52	23.45	60.96	0.00	4.97	148.41	144.96	-28.19	341.67	0.00	341.67	44.79	386.46	50.01

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 13/Sep/2020

Position as on 6.30 Hrs of 14/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 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	
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-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	
MSPGCL	Chandrapur Unit 6	500	27/08/2020	10.55		Continued.	Boiler Tube 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Sep/2020

Position as on 6.30 Hrs of 14/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-5	660	12/09/2020	20.54		Continued.	Due HIP Casing Top & Bottom Difference High.	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 14/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	14/09/2020	02.22		Continued.	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	09/09/2020	17.08	13/09/2020	08.34	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	11/09/2020	17.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/09/2020	21.05		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/09/2020	18.18	13/09/2020	08.25	HT	Over Voltage
Padghe - Kalwa- I	IntraState	12/09/2020	21.16	13/09/2020	09.04	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	13/09/2020	01.13	13/09/2020	08.50	T	Over Voltage
Warora-Adani (Tiroda) 2	IntraState	13/09/2020	16.19	13/09/2020	20.12	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	13/09/2020	17.14		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/09/2020	21.46		Continued.	HT	Over Voltage
Lonikand I - Koyrna stage-IV	IntraState	13/09/2020	23.31		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.
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
Main Bus -II @Kolhapur(Talandage)	IntraState	08/09/2020	16.20		Continued.	PO	String Replacement work
Koradi-Khaperkheda	IntraState	13/09/2020	11.24	13/09/2020	13.29	PO	Attending Hot Spot
Malegaon-Satana	IntraState	13/09/2020	11.44	13/09/2020	12.14	T	Distance Protection
Salsette - Sahara	IntraState	13/09/2020	12.20	13/09/2020	13.45	PO	Testing.
Pusad - Hingoli	IntraState	13/09/2020	21.40	13/09/2020	21.58	T	Ckt Tripped Without indication at Pusad End. Hingoli= no tripping.
220 KV ICT Outages/Trippings							
220/33kv 125 MVA Transformer 1 @Chembur R/S	IntraState	13/09/2020	11.30	13/09/2020	18.10	PO	Commissioning of 33kv Auto Restoration Scheme under MERC approved Chembur 2nd Feed DPR.

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