

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Sep/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.342	1486.431	1) Gujrat	9.981	135.356
2) Hydro	6.351	118.680	2) Madhya Pradesh	4.101	108.039
3) Gas	6.545	77.224	3) Chattisgarh	4.380	57.100
Total MSPGCL	139.238	1682.335	4) Maharashtra	130.086	1704.846
B) 1) APML	43.455	444.871	5) Goa (Amona)	-1.636	-11.920
2) JSWEL	16.410	212.302	Total	146.912	1993.421
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.831	316.950
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.178	341.503
5) WPCL	2.433	31.555	c) MSEDCL Bilateral *	23.354	400.576
6) Other IPP	6.494	94.646	Include PX	-1.799	105.053
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.831	316.950
C) 1) TPCL Thermal	7.444	102.995	Include PX	22.540	222.533
2) TPCL Hydro	2.516	54.266	Standby	0.000	0.000
3) TPCL Gas	4.387	49.366	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.523	61.768	1) MSEDCL	349.077	4285.492
D) STATE			2) Mumbai Discoms	49.048	609.898
1) Thermal	207.101	2434.568	TOTAL STATE	398.125	4895.390
(A1+C1+C4+(B1-B6))					
2) Hydro	8.867	172.946			
(A2+C2)					
3) Gas	10.932	126.590			
(A3+B7+C3)					
4) Wind	17.818	94.478			
6) SOLAR	6.495	73.387			
TOTAL STATE	251.213	2901.969			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5215	5184	5589	5104
MSPGCL Hydro	161	276	648	204
MSPGCL Gas	279	268	281	292
MSPGCL Total Generation	5655	5728	6518	5600
Central Sector Receipt	7204	6644	6078	5101
WIND	549	731	1199	479
CPP / IPP Thermal	2908	2797	3172	2773
CPP / IPP Gas	0	0	0	0
SOLAR	828	818	0	0
Exchange with Mumbai	-1592	-1591	-1180	-1172
MSEDCL DEMAND MET	15552	15127	15787	12781
Load Shedding	0	0	0	0
MSEDCL DEMAND	15552	15127	15787	12781
TPCL GENERATION	517	577	817	657
AEML GENERATION	189	188	186	189
MUMBAI DEMAND	2298	2356	2183	2018
STATE DEMAND MET	17850	17483	17970	14799
STATE DEMAND	17850	17483	17970	14799
Frequency (Hz)	50.06	49.95	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 15.03 Hrs	49.82 Hz at 18.08 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 12/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	11.14	134.78	530	436
Unit 9	11.16	131.87	500	425
Unit 10	9.74	108.12	420	385
Total	32.04	374.78		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.64	99.66	370	340
Unit 5	8.72	120.64	370	360
Total	17.36	220.30		
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	4.54	25.76	202	148
Unit 8	5.00	54.88	222	191
Total	9.53	100.33		
Chandrapur				
Unit 3	3.85	47.77	168	157
Unit 4	3.72	20.58	160	150
Unit 5	9.06	113.34	425	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.13	125.46	445	360
Unit 9	9.30	118.12	475	360
Total	35.08	425.26		
Paras				
Unit 3	4.32	48.81	204	155
Unit 4	4.21	42.99	200	146
Total	8.53	91.80		
Khaparkheda				
Unit 1	3.36	37.36	160	110
Unit 2	3.90	32.08	175	160
Unit 3	3.61	43.79	160	140
Unit 4	3.88	44.03	180	160
Unit 5	9.06	116.69	450	360
Total	23.80	273.96		
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	77.22	292	218
Total	6.54	77.22		
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)	1.22	14.59	54	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.22	14.59		
Koyna				
Stage 1-2	2.48	38.22	450	40
Stage 4	0.62	39.68	435	0
Stage 3	0.73	18.29	160	0
Total	3.84	96.19		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.29	0.54	61	0
TILLARI	0.50	2.28	45	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	4.39	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.14	2.34	15	0
ELDARY	0.53	6.09	22	21
SMLHY_PTN	0.22	4.42	14	3
GHATGHAR	0.46	1.93	125	0
Total	2.52	22.49		
Wind				
Total	17.82	94.48	0	0
Total	17.82	94.48		
CPP				
APML(Mus)	43.46	444.87	0	0
JSWEL(Mus)	16.41	212.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.43	31.56	0	0
Other(Mus)	6.49	94.65	0	0
Total	68.79	783.37		
SOLAR				
Total	6.50	73.39	0	0
Total	6.50	73.39		
Tata				
Trombay 5	7.44	103.00	313	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	31.12	118	116
Trombay 7B	1.58	18.24	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.52	54.27	377	3
Total	14.35	206.63		
AEML				
DTPS U-1&2	4.52	61.77	190	185
Total	4.52	61.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.34	1486.43	MSPGCL Total	139.24	1682.34
			MSPGCL Thml+Gas	132.89	1563.66	Koyna 1,2 & 4 Total	3.10	77.90
			MSPGCL Hydro	6.35	118.68	State Total	251.21	2901.97

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 12/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	5104	204	292	5600	479	2773	0	0	5372	5101	-1172	12781	0	12781	2018	14799	50.01
2	5119	194	282	5595	469	2789	0	0	5287	5295	-1201	12947	0	12947	1896	14843	50.01
3	5141	110	271	5522	380	2781	0	0	5583	5488	-1126	13045	0	13045	1810	14855	50.02
4	5165	94	292	5551	329	2788	0	0	5531	5458	-1050	13076	0	13076	1736	14812	50.01
5	5188	95	281	5564	392	2816	0	0	5790	5693	-1011	13454	0	13454	1697	15151	49.97
6	5245	99	282	5626	371	2921	0	0	6208	6098	-1027	13989	0	13989	1711	15700	50.00
7	5533	95	281	5909	362	3034	0	25	6576	6418	-1003	14745	0	14745	1719	16464	50.00
8	5654	116	282	6052	474	3150	0	201	6963	6622	-1074	15425	0	15425	1768	17193	50.05
9	5250	146	280	5676	407	3027	0	472	7205	7089	-1202	15469	0	15469	1905	17374	49.99
10	5207	177	269	5653	570	3007	0	717	7361	7047	-1411	15583	0	15583	2114	17697	50.01
11	5215	161	279	5655	549	2908	0	828	7494	7204	-1592	15552	0	15552	2298	17850	50.06
12	5230	165	269	5664	613	2829	0	834	7350	6922	-1639	15223	0	15223	2380	17603	50.02
13	5184	276	268	5728	731	2797	0	818	6676	6644	-1591	15127	0	15127	2356	17483	49.95
14	5181	171	270	5622	770	2797	0	884	6515	6369	-1548	14894	0	14894	2285	17179	50.00
15	5193	257	271	5721	1201	2777	0	740	6322	6106	-1519	15026	0	15026	2273	17299	50.01
16	5203	245	281	5729	1272	2773	0	555	5990	6020	-1471	14878	0	14878	2232	17110	50.04
17	5204	405	271	5880	1079	2797	0	308	5964	6130	-1351	14843	0	14843	2151	16994	49.95
18	5205	662	281	6148	1253	2860	0	100	5817	5852	-1314	14899	0	14899	2126	17025	49.96
19	5465	1051	281	6797	1097	3098	0	13	5842	5815	-1352	15468	0	15468	2158	17626	49.96
20	5589	648	281	6518	1199	3172	0	0	6316	6078	-1180	15787	0	15787	2183	17970	50.00
21	5190	386	271	5847	1114	2942	0	0	6170	6128	-1066	14965	0	14965	2124	17089	50.01
22	5254	408	274	5936	921	2666	0	0	5649	5734	-1032	14225	0	14225	2062	16287	50.01
23	5405	111	218	5734	923	2644	0	0	5974	5730	-1081	13950	0	13950	2032	15982	50.00
24	5218	75	218	5511	863	2646	0	0	5959	5871	-1165	13726	0	13726	2014	15740	50.01
MUs	126.34	6.35	6.55	139.24	17.82	68.79	0.00	6.49	149.91	146.91	-30.18	349.08	0.00	349.08	49.05	398.13	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 12/Sep/2020

Position as on 6.30 Hrs of 13/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 12/Sep/2020

Position as on 6.30 Hrs of 13/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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 13/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
400 KV Main Bus I @ Aurangabad (Ektuni)	IntraState	12/09/2020	12.39	12/09/2020	18.10	PO	Diagnostic Testing & Routine Maintenance Work.
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
Koradi Satpur	InterState	11/09/2020	11.16	12/09/2020	06.19	PO	Annual Maintenance Work
Dhule Khandwa I	InterState	12/09/2020	01.05		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	09/09/2020	17.08	13/09/2020	08.34	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	11/09/2020	09.30	12/09/2020	10.31	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	11/09/2020	16.02	12/09/2020	11.26	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	11/09/2020	17.43		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	11/09/2020	20.56	12/09/2020	08.48	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/09/2020	21.05		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/09/2020	23.43	12/09/2020	08.29	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/09/2020	16.30	12/09/2020	20.32	EO	Attending Hot Spot (187 Degree) Hot Spot On R-ph W T Upper Jumper Clam.
Khadka-Aurangabad (Waluj)	IntraState	12/09/2020	18.18	13/09/2020	08.25	HT	Over Voltage
Warora -IEPL	IntraState	12/09/2020	18.30	12/09/2020	21.15	T	Malfunction Over Voltage Relay.
Warora-Adani (Tiroda) 2	IntraState	12/09/2020	19.07	12/09/2020	23.04	T	Distance Protection
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 - Koyna 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.
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	11/09/2020	11.37	12/09/2020	20.02	PO	Tan Delta Measurment of CTs
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)
Borivali - Tarapur	InterState	12/09/2020	14.05	12/09/2020	19.35	PO	Fixing of Missing Tower Member.
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

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 12/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 13/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kadegaon-Miraj	IntraState	11/09/2020	09.40	12/09/2020	14.10	PO	Shifting of 220KV kadegaon line to newly constructed 220KV Bay at Miraj S/S.
Sonkhar - Trombay	IntraState	12/09/2020	06.50	12/09/2020	18.55	PO	Pile Foundation Work.
Wpcl-Warora 2	IntraState	12/09/2020	09.17	12/09/2020	18.20	T	Distance Protection
Salsette Borivli 2	IntraState	12/09/2020	10.23	12/09/2020	16.50	PO	Routine Maintenance And Testing
GIS Bhandup - Borivali	IntraState	12/09/2020	10.40	12/09/2020	16.48	T	Distance Protection
Wardha - Wardharytss1	IntraState	12/09/2020	11.57	12/09/2020	16.16	EO	Attending Hot Spot
Urse-Chinchwad (ST tap)	IntraState	12/09/2020	13.04	12/09/2020	16.50	EO	Attending Hotspot on Bph WT Line Side, CT Tan Delta & Maintenance Work.
Badnera-Akola I	IntraState	12/09/2020	14.20	12/09/2020	15.40	PO	Jumper Removal
Dahanu Ghodbunder Line 1	IntraState	12/09/2020	18.49	12/09/2020	20.44	T	Distance Protection
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