

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.393	1090.134	1) Gujrat	8.008	107.091
2) Hydro	5.532	104.686	2) Madhya Pradesh	8.857	85.157
3) Gas	6.438	57.539	3) Chattisgarh	5.050	45.360
Total MSPGCL	154.363	1252.359	4) Maharashtra	142.329	1294.074
B) 1) APML	43.738	316.923	5) Goa (Amona)	-0.835	-8.497
2) JSWEL	16.918	166.106	Total	163.409	1523.185
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.667	228.879
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	32.768	244.584
5) WPCL	2.704	23.952	c) MSEDCL Bilateral *	28.099	327.437
6) Other IPP	7.937	73.454	Include PX	2.174	103.971
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.667	228.879
C) 1) TPCL Thermal	8.367	80.480	Include PX	21.219	157.737
2) TPCL Hydro	3.864	43.988	Standby	0.000	0.000
3) TPCL Gas	4.396	36.198	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.995	48.053	1) MSEDCL	366.532	3230.909
D) STATE			2) Mumbai Discoms	54.390	453.303
1) Thermal	227.052	1799.102	TOTAL STATE	420.922	3684.212
(A1+C1+C4+(B1-B6))					
2) Hydro	9.396	148.674			
(A2+C2)					
3) Gas	10.834	93.737			
(A3+B7+C3)					
4) Wind	4.131	62.719			
6) SOLAR	6.100	56.795			
TOTAL STATE	257.513	2161.027			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6034	5882	6176	5531
MSPGCL Hydro	113	117	1307	204
MSPGCL Gas	256	253	279	269
MSPGCL Total Generation	6403	6252	7762	6004
Central Sector Receipt	7786	7852	6282	6056
WIND	72	131	199	123
CPP / IPP Thermal	3134	2856	3054	2663
CPP / IPP Gas	0	0	0	0
SOLAR	786	621	0	0
Exchange with Mumbai	-1713	-1755	-1224	-1143
MSEDCL DEMAND MET	16468	15957	16073	13703
Load Shedding	0	0	0	0
MSEDCL DEMAND	16468	15957	16073	13703
TPCL GENERATION	642	696	977	496
AEML GENERATION	189	190	252	189
MUMBAI DEMAND	2544	2641	2453	1828
STATE DEMAND MET	19012	18598	18526	15531
STATE DEMAND	19012	18598	18526	15531
Frequency (Hz)	50.01	49.96	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22:02 Hrs	49.87 Hz at 04:56 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 09/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	13.34	101.40	602	453
Unit 9	12.95	99.25	595	457
Unit 10	9.91	80.07	440	390
Total	36.20	280.72		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.54	71.47	460	355
Unit 5	9.99	92.76	470	360
Total	19.53	164.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.14	10.31	250	187
Unit 7	4.74	12.03	248	155
Unit 8	5.34	39.75	241	195
Total	15.22	62.08		
Chandrapur				
Unit 3	3.92	36.05	168	149
Unit 4	3.72	9.43	159	148
Unit 5	9.82	85.51	420	380
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.71	95.69	460	420
Unit 9	11.36	87.86	485	465
Total	39.53	314.54		
Paras				
Unit 3	4.08	36.22	195	131
Unit 4	3.15	31.32	174	87
Total	7.24	67.54		
Khaparkheda				
Unit 1	3.44	27.14	155	120
Unit 2	2.36	20.51	155	0
Unit 3	3.96	32.97	175	154
Unit 4	4.12	32.18	185	160
Unit 5	10.81	88.22	480	420
Total	24.68	201.02		
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	6.44	57.54	290	253
Total	6.44	57.54		
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)	1.25	10.91	54	47

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.25	10.91		
Koyna				
Stage 1-2	2.50	32.35	450	40
Stage 4	1.03	38.80	665	0
Stage 3	0.84	16.36	160	0
Total	4.36	87.52		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.25	0	0
TILLARI	0.00	1.46	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	3.44	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.98	0	0
ELDARY	0.54	4.53	23	22
SMLHY_PTN	0.24	3.58	11	9
GHATGHAR	0.00	1.43	0	0
Total	1.17	17.17		
Wind				
Total	4.13	62.72	0	0
Total	4.13	62.72		
CPP				
APML(Mus)	43.74	316.92	0	0
JSWEL(Mus)	16.92	166.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	23.95	0	0
Other(Mus)	7.94	73.45	0	0
Total	71.30	580.44		
SOLAR				
Total	6.10	56.80	0	0
Total	6.10	56.80		
Tata				
Trombay 5	8.37	80.48	420	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	22.70	118	116
Trombay 7B	1.59	13.50	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.86	43.99	398	2
Total	16.63	160.67		
AEML				
DTPS U-1&2	5.00	48.05	252	188
Total	5.00	48.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.39	1090.13	MSPGCL Total	154.36	1252.36
			MSPGCL Thml+Gas	148.83	1147.67	Koyna 1,2 & 4 Total	3.52	71.15
			MSPGCL Hydro	5.53	104.69	State Total	257.51	2161.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5533	412	268	6213	209	2860	0	0	6005	6141	-1283	14140	0	14140	2159	16299	49.98
2	5709	152	268	6129	167	2898	0	0	6111	5966	-1282	13878	0	13878	2003	15881	49.96
3	5782	78	278	6138	226	2864	0	0	6034	5924	-1218	13934	0	13934	1902	15836	49.99
4	5531	204	269	6004	123	2663	0	0	5885	6056	-1143	13703	0	13703	1828	15531	49.99
5	5829	253	278	6360	99	2829	0	0	5838	5775	-1096	13967	0	13967	1781	15748	49.98
6	6029	88	269	6386	94	3071	0	0	6239	6486	-1075	14962	0	14962	1777	16739	49.99
7	6049	162	280	6491	79	3109	0	38	6938	6749	-918	15548	0	15548	1787	17335	50.01
8	6017	159	269	6445	61	3131	0	222	7458	7392	-979	16272	0	16272	1878	18150	50.00
9	5947	130	278	6355	99	3077	0	451	7518	7504	-1237	16249	0	16249	2075	18324	49.97
10	5973	118	267	6358	113	3044	0	701	7474	7625	-1494	16347	0	16347	2349	18696	50.02
11	6034	113	256	6403	72	3134	0	786	7793	7786	-1713	16468	0	16468	2544	19012	50.01
12	6033	117	255	6405	108	3005	0	879	7663	7602	-1789	16210	0	16210	2630	18840	50.00
13	5994	113	266	6373	147	3014	0	807	7499	7270	-1637	15974	0	15974	2618	18592	50.01
14	6013	118	255	6386	234	2932	0	682	7665	7073	-1720	15587	0	15587	2599	18186	50.01
15	5882	117	253	6252	131	2856	0	621	7582	7852	-1755	15957	0	15957	2641	18598	49.96
16	5932	288	254	6474	177	3026	0	515	7275	7265	-1595	15862	0	15862	2679	18541	50.02
17	6033	117	264	6414	126	3057	0	293	7339	7192	-1490	15592	0	15592	2574	18166	49.98
18	6075	107	256	6438	178	3019	0	99	7333	7324	-1549	15509	0	15509	2465	17974	50.01
19	6155	671	268	7094	133	3034	0	6	6878	6539	-1331	15475	0	15475	2440	17915	50.01
20	6176	1307	279	7762	199	3054	0	0	6545	6282	-1224	16073	0	16073	2453	18526	50.02
21	6057	379	269	6705	284	3058	0	0	6662	6518	-1205	15360	0	15360	2362	17722	50.00
22	5995	162	290	6447	268	3044	0	0	6658	6515	-1254	15020	0	15020	2284	17304	50.03
23	5836	91	280	6207	323	2848	0	0	6668	6509	-1372	14515	0	14515	2284	16799	50.03
24	5779	76	269	6124	481	2670	0	0	6433	6064	-1409	13930	0	13930	2278	16208	49.99
MUs	142.39	5.53	6.44	154.36	4.13	71.30	0.00	6.10	165.49	163.41	-32.77	366.53	0.00	366.53	54.39	420.92	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 09/Sep/2020

Position as on 6.30 Hrs of 10/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-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	

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

Position as on 6.30 Hrs of 10/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.	
IPP	JSW (J) U3	300	09/09/2020	10.56		Continued.	CW Duct leakage	

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

Statement-VII

Position as on 6.30 Hrs of 10/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
Dabhol Nagothane I	InterState	09/09/2020	10.07	09/09/2020	19.07	PO	Routine Maintenance Work
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23	09/09/2020	09.54	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	08/09/2020	14.42	09/09/2020	07.27	T	Distance Protection (Rfc 18.55)
Khadka-Aurangabad (Waluj)	IntraState	08/09/2020	17.09	10/09/2020	06.56	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	08/09/2020	19.06	09/09/2020	09.57	HT	Over Voltage
Padghe - Kalwa- I	IntraState	09/09/2020	00.09	09/09/2020	09.30	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	09/09/2020	04.40	09/09/2020	06.08	T	Distance Protection
N.Koyna-Karad -Ckt I	IntraState	09/09/2020	08.46	09/09/2020	18.30	PO	Polymer Insulator replacement
Girwali-Solapur (Lamboti)	IntraState	09/09/2020	09.45	09/09/2020	19.21	PO	Replacement of suspension string Insulators
Taptitanda Waluj	IntraState	09/09/2020	11.53	09/09/2020	18.39	T	Distance Protection
Dhule - Bableshwar - II	IntraState	09/09/2020	16.32	10/09/2020	07.07	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	09/09/2020	17.08		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	10/09/2020	02.05		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	10/08/2020	09.58		Continued.	PO	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	09/09/2020	06.10	09/09/2020	08.59	EO	To attend Hot Spot
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	09/09/2020	10.07	09/09/2020	18.33	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)
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
Badnera-Akola li	IntraState	08/09/2020	08.15		Continued.	PO	Stringing of Railway crossing span
Main Bus -II @Kolhapur(Talandage)	IntraState	08/09/2020	16.20		Continued.	PO	String Replacement work
Pophali - Nerale	IntraState	08/09/2020	16.57	09/09/2020	22.05	T	Distance Protection
Chaliskaon - Deepnagar	IntraState	09/09/2020	08.30	09/09/2020	12.10	PO	Testing Work
Akola-Paras Ckt No-li	IntraState	09/09/2020	08.56	09/09/2020	12.51	EO	Flashover Faulty Disc replacement work
Gangapur-Valve	IntraState	09/09/2020	10.03	09/09/2020	14.53	PO	Quarterly Maintenance Work
Kadegaon-Miraj	IntraState	09/09/2020	10.17	09/09/2020	13.40	PO	Tan Delta Measurment of CTs
Malinagar - Tembhurni	IntraState	09/09/2020	10.46	09/09/2020	15.43	PO	Quarterly Maintenance 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 09/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 10/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nagothane - ACCIL	IntraState	09/09/2020	12.20	09/09/2020	17.00	EO	To attend Hot Spot
Dahanu Ghodbunder Line 1	IntraState	09/09/2020	13.41	09/09/2020	15.45	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	09/09/2020	14.36	09/09/2020	15.00	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	09/09/2020	14.36	09/09/2020	15.00	T	Tripped on Over Load
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	09/09/2020	14.36	09/09/2020	21.11	T	R Phase Earth Fault
Ghatghar - Jindal	IntraState	09/09/2020	14.36	09/09/2020	15.34	T	R Phase Earth Fault
Shivajinagar - Malegaon	IntraState	09/09/2020	15.27	09/09/2020	19.27	PO	Replacement of Jumpers
Pophali - Nerale	IntraState	09/09/2020	23.06		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	09/09/2020	09.40	09/09/2020	16.54	PO	Washing of ICT for painting
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	09/09/2020	09.49	09/09/2020	23.49	PO	Testing Work

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