

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Sep/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.201	1999.754	1) Gujrat	8.492	170.633
2) Hydro	5.129	137.382	2) Madhya Pradesh	5.193	127.554
3) Gas	3.508	96.380	3) Chattisgarh	3.600	73.530
Total MSPGCL	140.838	2233.516	4) Maharashtra	132.837	2238.039
B) 1) APLM	51.030	611.149	5) Goa (Amona)	-0.850	-3.120
2) JSWEL	18.848	283.523	Total	149.272	2606.636
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.321	424.572
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.989	460.043
5) WPCL	2.687	41.781	c) MSEDCL Bilateral *	26.070	501.755
6) Other IPP	6.777	121.906	Include PX	0.100	104.329
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.321	424.572
C) 1) TPCL Thermal	7.384	132.704	Include PX	19.199	304.600
2) TPCL Hydro	3.851	67.645	Standby	0.000	0.000
3) TPCL Gas	4.358	63.708	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.573	80.314	1) MSEDCL	354.578	5692.623
D) STATE			2) Mumbai Discoms	50.155	804.414
1) Thermal	223.500	3271.131	TOTAL STATE	404.733	6497.037
(A1+C1+C4+(B1-B6))					
2) Hydro	8.980	205.027			
(A2+C2)					
3) Gas	7.866	160.088			
(A3+B7+C3)					
4) Wind	11.079	162.417			
6) SOLAR	4.036	91.738			
TOTAL STATE	255.461	3890.401			

* 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	5963	5296	5936	5149
MSPGCL Hydro	210	120	424	157
MSPGCL Gas	140	130	140	140
MSPGCL Total Generation	6313	5546	6500	5446
Central Sector Receipt	7209	7328	6112	5041
WIND	410	326	594	562
CPP / IPP Thermal	3616	3148	3733	3156
CPP / IPP Gas	0	0	0	0
SOLAR	433	502	0	0
Exchange with Mumbai	-1510	-1612	-1123	-1040
MSEDCL DEMAND MET	16471	15238	15816	13165
Load Shedding	0	0	0	0
MSEDCL DEMAND	16471	15238	15816	13165
TPCL GENERATION	560	693	923	481
AEML GENERATION	188	188	207	189
MUMBAI DEMAND	2258	2493	2253	1710
STATE DEMAND MET	18729	17731	18069	14875
STATE DEMAND	18729	17731	18069	14875
Frequency (Hz)	50.01	49.99	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 11.00 Hrs	49.81 Hz at 13.45 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 16/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	11.73	181.15	560	440
Unit 9	11.43	177.63	535	370
Unit 10	9.48	145.81	410	360
Total	32.64	504.60		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.00	135.82	440	355
Unit 5	9.12	156.81	460	360
Total	18.13	292.63		
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	3.78	62.74	162	152
Unit 4	3.68	35.40	157	150
Unit 5	9.30	150.74	425	337
Unit 6	9.01	12.47	420	315
Unit 7	0.00	0.00	0	0
Unit 8	10.02	165.05	470	360
Unit 9	10.27	158.61	480	360
Total	46.05	585.00		
Paras				
Unit 3	5.20	66.37	258	192
Unit 4	4.70	61.53	223	179
Total	9.89	127.90		
Khaparkheda				
Unit 1	3.64	51.78	160	135
Unit 2	4.00	48.02	185	160
Unit 3	3.73	59.34	180	130
Unit 4	4.02	60.09	185	160
Unit 5	10.09	156.20	500	360
Total	25.48	375.42		
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	3.51	96.38	254	130
Total	3.51	96.38		
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	19.42	54	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.22	19.42		
Koyna				
Stage 1-2	1.57	45.14	230	40
Stage 4	0.00	39.95	0	0
Stage 3	0.44	20.60	80	0
Total	2.01	105.69		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.62	1.51	61	0
TILLARI	0.35	4.03	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	5.64	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.09	2.43	16	0
ELDARY	0.53	8.22	23	22
SMLHY_PTN	0.95	6.71	40	39
GHATGHAR	0.18	2.66	90	0
Total	3.12	31.69		
Wind				
Total	11.08	162.42	0	0
Total	11.08	162.42		
CPP				
APML(Mus)	51.03	611.15	0	0
JSWEL(Mus)	18.85	283.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	41.78	0	0
Other(Mus)	6.78	121.91	0	0
Total	79.34	1058.36		
SOLAR				
Total	4.04	91.74	0	0
Total	4.04	91.74		
Tata				
Trombay 5	7.38	132.70	345	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	39.91	117	102
Trombay 7B	1.57	23.80	66	61
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.85	67.64	396	2
Total	15.59	264.06		
AEML				
DTPS U-1&2	4.57	80.31	221	188
Total	4.57	80.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.20	1999.75	MSPGCL Total	140.84	2233.52
			MSPGCL Thml+Gas	135.71	2096.13	Koyna 1,2 & 4 Total	1.57	85.09
			MSPGCL Hydro	5.13	137.38	State Total	255.46	3890.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5016	155	147	5318	485	3155	0	0	5737	5629	-1273	13314	0	13314	1979	15293	50.01
2	5099	173	160	5432	496	3170	0	0	5456	5304	-1101	13301	0	13301	1785	15086	50.01
3	5149	157	140	5446	562	3156	0	0	5319	5041	-1040	13165	0	13165	1710	14875	50.02
4	5164	177	160	5501	515	3156	0	0	4937	5237	-979	13430	0	13430	1641	15071	49.98
5	5164	167	162	5493	501	3046	0	0	5575	5624	-976	13688	0	13688	1639	15327	49.99
6	5415	162	254	5831	427	3119	0	0	5782	5653	-977	14053	0	14053	1639	15692	49.97
7	5885	232	157	6274	444	3385	0	11	5956	6248	-961	15401	0	15401	1622	17023	49.99
8	6037	331	130	6498	420	3628	0	104	6267	6557	-1085	16122	0	16122	1774	17896	50.01
9	6041	205	140	6386	439	3641	0	261	6697	6851	-1257	16321	0	16321	2000	18321	50.00
10	5963	210	140	6313	410	3616	0	433	7260	7209	-1510	16471	0	16471	2258	18729	50.01
11	5749	200	130	6079	417	3370	0	484	7540	7260	-1622	15988	0	15988	2469	18457	50.03
12	5450	152	140	5742	366	3188	0	473	7721	7576	-1648	15697	0	15697	2535	18232	50.02
13	5296	120	130	5546	326	3148	0	502	7442	7328	-1612	15238	0	15238	2493	17731	49.99
14	5150	112	130	5392	341	3137	0	564	7160	6709	-1522	14621	0	14621	2389	17010	49.96
15	5106	117	130	5353	442	3159	0	646	7000	6958	-1477	15081	0	15081	2380	17461	49.95
16	5147	120	140	5407	450	3185	0	349	6875	6857	-1461	14787	0	14787	2363	17150	49.95
17	5514	240	130	5884	515	3256	0	162	6644	6455	-1401	14871	0	14871	2305	17176	49.97
18	5738	200	130	6068	450	3290	0	44	6474	6478	-1404	14926	0	14926	2260	17186	50.01
19	5922	368	140	6430	488	3634	0	3	6372	6294	-1225	15624	0	15624	2261	17885	50.01
20	5936	424	140	6500	594	3733	0	0	6433	6112	-1123	15816	0	15816	2253	18069	50.02
21	5788	278	130	6196	593	3471	0	0	5775	5570	-1093	14737	0	14737	2169	16906	49.99
22	5678	306	130	6114	456	3305	0	0	5420	5651	-1052	14474	0	14474	2127	16601	50.01
23	5557	262	148	5967	507	3230	0	0	5573	5359	-1044	14019	0	14019	2076	16095	50.03
24	5237	261	170	5668	435	3164	0	0	5491	5312	-1146	13433	0	13433	2028	15461	50.01
MUs	132.20	5.13	3.51	140.84	11.08	79.34	0.00	4.04	150.91	149.27	-29.99	354.58	0.00	354.58	50.15	404.73	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 16/Sep/2020

Position as on 6.30 Hrs of 17/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 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	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Sep/2020

Position as on 6.30 Hrs of 17/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	15/09/2020	22.34	16/09/2020	00.09	Turbine Vibration	
MSPGCL	Uran Unit 5	108	16/09/2020	06.18	16/09/2020	22.41	Turbine Vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 17/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							
Ektuni - Akola II Ckt I	IntraState	16/09/2020	12.10	16/09/2020	13.07	T	Tripped at Akola II end
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
Dhule(MS)- Dhule(BDTCL) -II	InterState	16/09/2020	17.23	16/09/2020	18.32	T	DT Received at Dhule end
Dhule- Bableshwar - I	IntraState	11/09/2020	17.43	16/09/2020	08.15	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/09/2020	18.26	16/09/2020	07.45	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/09/2020	18.27	16/09/2020	08.15	HT	Over Voltage
Padghe - Nagothane - I	IntraState	15/09/2020	19.35	16/09/2020	09.30	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/09/2020	19.55	16/09/2020	07.58	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/09/2020	00.10	16/09/2020	07.40	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	16/09/2020	10.06	16/09/2020	19.43	PO	Replacement of suspension string Insulators
Khadka-Aurangabad (Waluj)	IntraState	16/09/2020	17.49	17/09/2020	06.42	HT	Over Voltage
Padghe - Nagothane - II	IntraState	16/09/2020	20.00		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	16/09/2020	23.24		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	16/09/2020	23.30		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/09/2020	23.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		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.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	16/09/2020	09.49	16/09/2020	16.58	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)
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
Bombay Dyeing - Sahara	IntraState	15/09/2020	18.34		Continued.	T	Distance Protection
Wani-Warora	IntraState	16/09/2020	08.06	16/09/2020	10.56	PO	Replacement of B Phase Bus to CT Jumper
Pedambe-Pophali	IntraState	16/09/2020	09.00	16/09/2020	10.00	EO	CT Oil Leakage
Wardha-Yeotmal	IntraState	16/09/2020	10.01	16/09/2020	18.04	PO	Stringing of OPGW at Railway crossing
Paranda-Barshi	IntraState	16/09/2020	10.06	16/09/2020	12.10	PO	Quarterly Maintenance Work
Apta - Taloja	IntraState	16/09/2020	10.35	16/09/2020	17.11	PO	Routine Maintenance Work
Hinganghat - Bhugaon	IntraState	16/09/2020	11.23	16/09/2020	14.44	PO	Replacement of Flash Disc

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 16/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 17/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Insulator
Gangapur-Valve	IntraState	16/09/2020	15.05	16/09/2020	17.03	PO	Testing Work
Akola-Paras Ckt No-li	IntraState	16/09/2020	15.53	16/09/2020	16.40	EO	To attend Hot Spot
Panchanand Taloja	IntraState	16/09/2020	17.05		Continued.	T	R Phase Conductor Snapped
Karad(400kv) - Wathar	IntraState	17/09/2020	04.57	17/09/2020	05.10	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	16/09/2020	09.24	16/09/2020	19.36	PO	Replacement of existing WTI OTI meters
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	16/09/2020	11.14	16/09/2020	17.32	PO	CTR Fire Protection work
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	16/09/2020	11.31	16/09/2020	15.03	EO	Attending Oil Leakage
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	16/09/2020	21.55	17/09/2020	00.50	T	OSR Relay operated