

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.072	347.855	1) Gujrat	13.734	42.300
2) Hydro	15.561	56.796	2) Madhya Pradesh	9.967	21.652
3) Gas	6.397	18.980	3) Chattisgarh	4.810	15.140
Total MSPGCL	148.030	423.631	4) Maharashtra	143.429	412.824
B) 1) APMIL	25.706	68.690	5) Goa (Amona)	-0.849	-3.619
2) JSWEL	16.514	53.590	Total	171.091	488.297
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.939	65.549
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.509	67.756
5) WPCL	2.705	8.035	c) MSEDCL Bilateral *	40.670	114.017
6) Other IPP	8.437	26.843	Include PX	18.847	40.575
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.939	65.549
C) 1) TPCL Thermal	10.302	29.810	Include PX	13.820	39.258
2) TPCL Hydro	5.273	17.607	Standby	0.000	0.000
3) TPCL Gas	4.059	9.787	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.909	17.520	1) MSEDCL	359.605	1049.601
D) STATE			2) Mumbai Discoms	49.052	142.480
1) Thermal	195.645	552.343	TOTAL STATE	408.657	1192.081
(A1+C1+C4+(B1-B6))					
2) Hydro	20.834	74.403			
(A2+C2)					
3) Gas	10.456	28.767			
(A3+B7+C3)					
4) Wind	4.787	29.785			
6) SOLAR	5.844	18.486			
TOTAL STATE	237.566	703.784			

* 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 3 Hrs
MSPGCL Thermal	5237	5193	5397	5124
MSPGCL Hydro	310	455	1895	466
MSPGCL Gas	255	263	266	278
MSPGCL Total Generation	5802	5911	7558	5868
Central Sector Receipt	9172	8371	6099	5953
WIND	94	123	252	211
CPP / IPP Thermal	2212	2294	2561	1729
CPP / IPP Gas	0	0	0	0
SOLAR	688	751	0	0
Exchange with Mumbai	-1314	-1404	-891	-730
MSEDCL DEMAND MET	16654	16046	15579	13031
Load Shedding	0	0	0	0
MSEDCL DEMAND	16654	16046	15579	13031
TPCL GENERATION	830	811	1057	648
AEML GENERATION	251	250	252	252
MUMBAI DEMAND	2395	2465	2200	1630
STATE DEMAND MET	19049	18511	17779	14661
STATE DEMAND	19049	18511	17779	14661
Frequency (Hz)	50.01	49.98	49.85	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.02 Hrs	49.69 Hz at 19.11 Hrs	49.98	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 03/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	31.64	510	380
Unit 9	11.08	30.55	530	350
Unit 10	8.16	25.02	365	315
Total	30.38	87.21		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.10	32.30	500	405
Unit 5	11.09	31.92	495	375
Total	22.19	64.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.22	8.25	237	176
Total	5.22	8.25		
Chandrapur				
Unit 3	4.09	12.39	174	158
Unit 4	0.00	0.00	0	0
Unit 5	9.77	28.90	415	390
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.45	33.27	490	460
Unit 9	11.24	22.79	490	450
Total	36.55	97.35		
Paras				
Unit 3	3.93	12.99	225	105
Unit 4	4.36	11.10	198	157
Total	8.28	24.10		
Khaparkheda				
Unit 1	2.80	7.80	140	95
Unit 2	3.28	9.35	155	120
Unit 3	3.89	10.68	170	150
Unit 4	3.76	10.21	170	135
Unit 5	9.72	28.70	440	353
Total	23.45	66.73		
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	6.40	18.98	279	253
Total	6.40	18.98		
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)	1.24	3.62	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.24	3.62		
Koyna				
Stage 1-2	4.21	16.88	550	45
Stage 4	6.55	23.87	1000	0
Stage 3	3.00	9.31	288	80
Total	13.76	50.07		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.56	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	1.22	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	1.04	15	14
ELDARY	0.48	1.57	22	16
SMLHY_PTN	0.57	1.85	24	23
GHATGHAR	0.00	0.00	0	0
Total	1.80	6.73		
Wind				
Total	4.79	29.78	0	0
Total	4.79	29.78		
CPP				
APML(Mus)	25.71	68.69	0	0
JSWEL(Mus)	16.51	53.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	8.04	0	0
Other(Mus)	8.44	26.84	0	0
Total	53.36	157.16		
SOLAR				
Total	5.84	18.49	0	0
Total	5.84	18.49		
Tata				
Trombay 5	10.30	29.81	458	375
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	5.86	118	70
Trombay 7B	1.52	3.92	67	52
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.27	17.61	459	3
Total	19.63	57.20		
AEML				
DTPS U-1&2	5.91	17.52	253	198
Total	5.91	17.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.07	347.86	MSPGCL Total	148.03	423.63
			MSPGCL Thml+Gas	132.47	366.84	Koyna 1,2 & 4 Total	10.76	40.75
			MSPGCL Hydro	15.56	56.80	State Total	237.57	703.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	5133	754	268	6155	195	1823	0	0	5971	5913	-787	13299	0	13299	1817	15116	49.94
2	5168	584	268	6020	230	1815	0	0	6099	5954	-805	13214	0	13214	1703	14917	50.01
3	5124	466	278	5868	211	1729	0	0	6148	5953	-730	13031	0	13031	1630	14661	50.01
4	5112	348	278	5738	254	1615	0	0	6283	6224	-681	13150	0	13150	1575	14725	50.00
5	5172	400	279	5851	257	1625	0	0	6466	6458	-658	13533	0	13533	1550	15083	50.00
6	5182	791	268	6241	218	1759	0	0	6996	6827	-714	14331	0	14331	1583	15914	50.03
7	5194	817	279	6290	133	1823	0	34	8029	7985	-622	15643	0	15643	1627	17270	50.02
8	5289	220	259	5768	127	1969	0	203	9036	8974	-799	16242	0	16242	1761	18003	50.05
9	5335	290	277	5902	78	2074	0	449	9144	8751	-1072	16182	0	16182	1982	18164	49.99
10	5298	495	267	6060	99	2215	0	597	8739	8634	-1237	16368	0	16368	2219	18587	49.97
11	5237	310	255	5802	94	2212	0	688	9005	9172	-1314	16654	0	16654	2395	19049	50.01
12	5142	230	265	5637	134	2287	0	707	9060	9010	-1426	16349	0	16349	2481	18830	50.00
13	5193	455	263	5911	123	2294	0	751	8457	8371	-1404	16046	0	16046	2465	18511	49.98
14	5139	320	254	5713	195	2332	0	757	8298	8246	-1295	15948	0	15948	2397	18345	50.00
15	5148	657	253	6058	293	2367	0	620	7918	7723	-1320	15741	0	15741	2391	18132	49.96
16	5306	712	254	6272	173	2475	0	539	7556	7218	-1324	15353	0	15353	2368	17721	49.99
17	5341	927	265	6533	249	2550	0	357	7075	7008	-1161	15536	0	15536	2304	17840	49.96
18	5411	737	265	6413	184	2584	0	139	7015	6867	-1115	15072	0	15072	2237	17309	50.01
19	5346	1136	266	6748	120	2568	0	3	6608	6785	-967	15257	0	15257	2197	17454	49.94
20	5397	1895	266	7558	252	2561	0	0	6302	6099	-891	15579	0	15579	2200	17779	49.85
21	5402	1309	267	6978	203	2604	0	0	5957	5758	-818	14725	0	14725	2134	16859	49.94
22	5384	985	267	6636	284	2649	0	0	5932	5832	-779	14622	0	14622	2067	16689	49.94
23	5363	505	267	6135	353	2705	0	0	5924	5544	-776	13961	0	13961	2017	15978	49.94
24	5256	218	269	5743	328	2727	0	0	5979	5785	-814	13769	0	13769	1952	15721	50.01
MUs	126.07	15.56	6.40	148.03	4.79	53.36	0.00	5.84	174.00	171.09	-23.51	359.60	0.00	359.60	49.05	408.66	49.98

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 03/Sep/2020

Position as on 6.30 Hrs of 04/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	Parli Unit 6	250	21/03/2020	17.31		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	Parli Unit 7	250	12/05/2020	19.34		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-1	660	03/06/2020	15.02	03/09/2020	20.38	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30	03/09/2020	06.26	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Sep/2020

Position as on 6.30 Hrs of 04/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-3	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	
MSPGCL	Chandrapur Unit 4	210	27/08/2020	18.00		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
MSPGCL	Khaparkheda Unit 2	210	04/09/2020	06.11		Continued.	boiler Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 04/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 II	InterState	29/08/2020	19.15	03/09/2020	19.15	T	Due To Fire At 48 Volt DC Charger.
Chakan Talegaon (Pg)	InterState	03/09/2020	12.54	03/09/2020	17.35	PO	Line 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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/08/2020	17.28	03/09/2020	07.52	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	27/08/2020	21.57	03/09/2020	11.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/09/2020	21.39	03/09/2020	09.44	HT	Over Voltage
Padghe - Kalwa - I	IntraState	02/09/2020	22.56	03/09/2020	08.20	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	02/09/2020	23.20	03/09/2020	09.32	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/09/2020	00.50	03/09/2020	08.04	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	03/09/2020	10.50	03/09/2020	15.33	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	03/09/2020	17.19		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	03/09/2020	19.04		Continued.	HT	Over Voltage
Padghe - Kalwa - I	IntraState	03/09/2020	23.24		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.
400/220/33 315MVA ICT-III @ KHADKA	IntraState	03/09/2020	08.36	03/09/2020	21.27	PO	Testing Work
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	03/09/2020	12.00	03/09/2020	18.58	PO	CTR Fire Fighting 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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	03/09/2020	15.05	03/09/2020	15.20	EO	Energy meter polarity reversed
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
Pusad-WardhaPG(Deoli)	IntraState	03/09/2020	08.28	03/09/2020	22.05	PO	Routine Maintenance Work
Lonikand-VSNL	IntraState	03/09/2020	09.29	03/09/2020	19.05	PO	jumpering work
Harangul-Parly	IntraState	03/09/2020	10.21	03/09/2020	19.00	PO	Tightening of nut bolt and fixing nut bolts to cross arms supporting pieces of line tower of newly commissioned LILO
Topworth - Kharghar	IntraState	03/09/2020	10.22	03/09/2020	11.28	T	Distance Protection
Ghatghar - Jindal	IntraState	03/09/2020	10.25	03/09/2020	17.27	PO	Jumper Replacement work
Sahara-Urse	IntraState	03/09/2020	10.31	03/09/2020	17.14	HT	HT for Load Manegment

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 03/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chinchwad-Hinjewadi I	IntraState	03/09/2020	10.35	03/09/2020	17.54	HT	HT for Load manegment
Urse - Talegaon (Ambi) Ckt 2	IntraState	03/09/2020	10.55	03/09/2020	17.13	PO	Replacement of faulty disc insulator strings
Washala - Ghatghar	IntraState	03/09/2020	11.25	03/09/2020	17.12	PO	For safety purpose during jumper replacement work.
Roma-Bhavegar	IntraState	03/09/2020	11.42	03/09/2020	17.43	T	Distance Protection
Padghe - Wada	IntraState	03/09/2020	11.52	03/09/2020	12.02	T	Distance Protection
Nagothane - Spcl	IntraState	03/09/2020	12.10	03/09/2020	18.15	T	HT For Relay testing
Apta - Kalwa1	IntraState	03/09/2020	12.11	03/09/2020	14.15	T	Distance Protection
Topworth - Kharghar	IntraState	03/09/2020	15.23	03/09/2020	15.40	HT	Sparking at loc no 514
Ghatghar - Bapgaon	IntraState	03/09/2020	15.28	03/09/2020	15.56	T	Tripped due to lightening & heavy rains.
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	03/09/2020	15.29	03/09/2020	15.36	EO	Energy meter phase
Lonikand2 - Bhosari1	IntraState	03/09/2020	19.20	03/09/2020	23.36	HT	Sparking on Wave-trap at Lonikand 2 end.
Pophali - New Koyna	IntraState	03/09/2020	19.45	04/09/2020	02.08	HT	Conductor Broken
220 KV ICT Outages/Trippings							
220/33kv 50mva Bb Ptr 1 @Jejuri	IntraState	03/09/2020	09.17	03/09/2020	15.25	PO	C & Tan delta Work

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