

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Sep/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.414	1230.548	1) Gujrat	7.545	114.636
2) Hydro	4.259	108.945	2) Madhya Pradesh	9.232	94.389
3) Gas	6.545	64.084	3) Chattisgarh	2.780	48.140
Total MSPGCL	151.218	1403.577	4) Maharashtra	147.085	1437.970
B) 1) APMIL	40.312	357.235	5) Goa (Amona)	-0.956	-9.453
2) JSWEL	14.721	180.827	Total	165.686	1685.682
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.069	257.948
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	33.523	278.107
5) WPCL	2.715	26.667	c) MSEDCL Bilateral *	24.911	352.348
6) Other IPP	7.908	81.362	Include PX	1.177	105.148
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.069	257.948
C) 1) TPCL Thermal	7.619	88.099	Include PX	18.959	176.696
2) TPCL Hydro	3.531	47.519	Standby	0.000	0.000
3) TPCL Gas	4.392	40.590	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.659	52.712	1) MSEDCL	358.096	3585.816
D) STATE			2) Mumbai Discoms	53.724	507.027
1) Thermal	218.348	2017.450	TOTAL STATE	411.820	4092.843
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.790	156.464			
3) Gas (A3+B7+C3)	10.937	104.674			
4) Wind	4.178	66.897			
6) SOLAR	4.881	61.676			
TOTAL STATE	246.134	2407.161			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6118	5727	6000	5693
MSPGCL Hydro	119	97	496	83
MSPGCL Gas	268	255	267	280
MSPGCL Total Generation	6505	6079	6763	6056
Central Sector Receipt	7673	7706	7035	5711
WIND	105	108	173	216
CPP / IPP Thermal	2931	2608	3033	2490
CPP / IPP Gas	0	0	0	0
SOLAR	530	667	0	0
Exchange with Mumbai	-1513	-1666	-1115	-1159
MSEDCL DEMAND MET	16231	15502	15889	13314
Load Shedding	0	0	0	0
MSEDCL DEMAND	16231	15502	15889	13314
TPCL GENERATION	594	701	1008	491
AEML GENERATION	189	189	248	189
MUMBAI DEMAND	2296	2556	2371	1839
STATE DEMAND MET	18527	18058	18260	15153
STATE DEMAND	18527	18058	18260	15153
Frequency (Hz)	50.03	49.98	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 20.03 Hrs	49.82 Hz at 00.20 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 10/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	11.60	113.00	615	351
Unit 9	11.06	110.31	545	350
Unit 10	9.57	89.64	420	320
Total	32.23	312.94		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.79	82.26	500	355
Unit 5	10.22	102.98	480	355
Total	21.01	185.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	14.99	235	184
Unit 7	4.60	16.62	234	158
Unit 8	5.24	44.99	245	193
Total	14.52	76.60		
Chandrapur				
Unit 3	3.93	39.98	172	149
Unit 4	3.70	13.13	158	120
Unit 5	9.75	95.27	415	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.88	106.57	470	440
Unit 9	11.27	99.13	480	445
Total	39.54	354.08		
Paras				
Unit 3	4.70	40.92	240	143
Unit 4	3.79	35.11	185	90
Total	8.49	76.03		
Khaparkheda				
Unit 1	3.38	30.53	160	120
Unit 2	3.82	24.33	170	140
Unit 3	3.74	36.71	170	135
Unit 4	4.05	36.24	182	155
Unit 5	9.63	97.85	495	310
Total	24.63	225.65		
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	64.08	290	255
Total	6.54	64.08		
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)	1.20	12.12	52	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.20	12.12		
Koyna				
Stage 1-2	1.98	34.32	395	40
Stage 4	0.26	39.06	164	0
Stage 3	0.62	16.98	130	0
Total	2.85	90.37		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.25	0	0
TILLARI	0.32	1.79	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	3.72	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.98	0	0
ELDARY	0.50	5.03	21	19
SMLHY_PTN	0.30	3.88	13	12
GHATGHAR	0.00	1.43	0	0
Total	1.41	18.58		
Wind				
Total	4.18	66.90	0	0
Total	4.18	66.90		
CPP				
APML(Mus)	40.31	357.24	0	0
JSWEL(Mus)	14.72	180.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.72	26.67	0	0
Other(Mus)	7.91	81.36	0	0
Total	65.66	646.09		
SOLAR				
Total	4.88	61.68	0	0
Total	4.88	61.68		
Tata				
Trombay 5	7.62	88.10	414	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	25.51	118	116
Trombay 7B	1.58	15.08	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.53	47.52	439	3
Total	15.54	176.21		
AEML				
DTPS U-1&2	4.66	52.71	251	188
Total	4.66	52.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.41	1230.55	MSPGCL Total	151.22	1403.58
			MSPGCL Thml+Gas	146.96	1294.63	Koyna 1,2 & 4 Total	2.23	73.38
			MSPGCL Hydro	4.26	108.94	State Total	246.13	2407.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5868	92	290	6250	301	2683	0	0	6129	5777	-1386	13625	0	13625	2172	15797	49.98
2	5843	72	280	6195	240	2605	0	0	6057	5651	-1346	13345	0	13345	2028	15373	50.01
3	5793	77	269	6139	335	2546	0	0	5988	5534	-1237	13317	0	13317	1917	15234	50.02
4	5693	83	280	6056	216	2490	0	0	5926	5711	-1159	13314	0	13314	1839	15153	50.02
5	5693	128	279	6100	129	2512	0	0	5899	6045	-1124	13662	0	13662	1804	15466	50.01
6	5802	335	280	6417	126	2711	0	0	6236	6592	-1115	14731	0	14731	1795	16526	50.01
7	5865	158	280	6303	129	2996	0	34	6986	6970	-1110	15322	0	15322	1790	17112	50.04
8	6102	135	270	6507	99	3016	0	201	7432	7022	-1157	15688	0	15688	1876	17564	50.05
9	6174	83	289	6546	108	2938	0	400	7370	7408	-1330	16070	0	16070	2072	18142	50.03
10	6118	119	268	6505	105	2931	0	530	7589	7673	-1513	16231	0	16231	2296	18527	50.03
11	6065	119	267	6451	98	2909	0	571	7958	7651	-1716	15964	0	15964	2483	18447	49.99
12	6067	109	267	6443	81	2732	0	630	8105	7774	-1836	15824	0	15824	2596	18420	50.01
13	5837	74	266	6177	75	2600	0	633	8006	7654	-1756	15383	0	15383	2565	17948	50.00
14	5563	89	266	5918	90	2613	0	601	7746	7989	-1686	15525	0	15525	2528	18053	50.00
15	5727	97	255	6079	108	2608	0	667	8008	7706	-1666	15502	0	15502	2556	18058	49.98
16	5861	132	276	6269	107	2634	0	403	7907	7692	-1667	15438	0	15438	2557	17995	49.99
17	6008	142	267	6417	289	2696	0	163	7625	7459	-1635	15389	0	15389	2518	17907	50.03
18	6106	172	257	6535	249	2677	0	48	7392	7215	-1584	15140	0	15140	2418	17558	50.02
19	6118	414	277	6809	154	2882	0	0	7176	6890	-1283	15452	0	15452	2401	17853	50.00
20	6000	496	267	6763	173	3033	0	0	7047	7035	-1115	15889	0	15889	2371	18260	50.04
21	5624	241	278	6143	191	2889	0	0	7083	6731	-1269	14685	0	14685	2296	16981	50.03
22	5588	509	269	6366	195	2677	0	0	6425	6545	-1155	14628	0	14628	2274	16902	50.01
23	5587	219	269	6075	258	2648	0	0	6598	6533	-1289	14225	0	14225	2282	16507	50.02
24	5312	164	279	5755	322	2630	0	0	6698	6429	-1389	13747	0	13747	2290	16037	50.02
MUs	140.41	4.26	6.55	151.22	4.18	65.66	0.00	4.88	169.39	165.69	-33.52	358.10	0.00	358.10	53.72	411.82	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 10/Sep/2020

Position as on 6.30 Hrs of 11/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	11/09/2020	04.29	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 10/Sep/2020

Position as on 6.30 Hrs of 11/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.	
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 10/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 11/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
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/09/2020	17.09	10/09/2020	06.56	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	09/09/2020	16.32	10/09/2020	07.07	HT	Over Voltage
Akola II - RPL(Rattania) Ckt I	IntraState	09/09/2020	17.08		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	10/09/2020	02.05	10/09/2020	09.02	HT	Over Voltage
Khadka - Bableshwar	IntraState	10/09/2020	07.18	10/09/2020	17.03	PO	Replacement of Faulty insulator strings.
N.Koyna-Karad - Ckt I	IntraState	10/09/2020	07.59		Continued.	PO	Polymer insulator replacement work.
Khadka-Aurangabad (Waluj)	IntraState	10/09/2020	18.07		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	10/09/2020	20.00		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	10/09/2020	23.45		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 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	10/09/2020	09.18	10/09/2020	18.58	PO	V CTs and breaker testing work & Bay Maintenance.
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 Kv 500 MVA ICT II @Lamboti	IntraState	10/09/2020	10.17	10/09/2020	18.54	PO	RTV Coating work for 400/220/33KV ICT II & CTR Fire Fighting Testing work.
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	10/09/2020	10.23	10/09/2020	19.24	PO	Dismantling of old fire protection system and Diagnostic 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)
PARLY (PG) - OLD GCR PARLI	InterState	10/09/2020	11.00	10/09/2020	17.25	PO	Tightening of nut bolt and fixing nut bolts to cross arms supporting pieces of line towers of newly commissioned LILO section of PGCIL ckt.
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	09/09/2020	23.06		Continued.	T	Distance Protection
Mahape - TIFIL	IntraState	10/09/2020	09.02	10/09/2020	14.50	PO	1.L&T AMR Meters commissioning work 2) 220Kv TFIPL 2 Mahape Line B-Ph Bus-Bottom Hot

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 10/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 11/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							spot is to be attended by replacement of nut- bolt 3) Other Testing & Maintenance work.
Kalwa - Colourchem	IntraState	10/09/2020	09.43	10/09/2020	18.25	PO	For Emergency replacement of Conductor connected to Breaker from both side. Breaker pads to be replaced with new as old are deteriorated due to Arcing . Also Bay R&M work.
Flagship-Chinchwad	IntraState	10/09/2020	10.10		Continued.	PO	For half yearly maintenance & DT work at both end s/s.
Karad - Vita Ckt- I	IntraState	10/09/2020	10.35	10/09/2020	16.16	PO	For relay testing work.
Kharghar-Panvel TSS	IntraState	10/09/2020	10.40	10/09/2020	14.57	PO	Replacement of flashover suspension polymer insulator at Loc no. 667 (Middle phase) & replacement of rusted d-shackle at Loc no. 667 & 668 (In CBD Belapur creek)
Jejuri (400 Kv)-Phurusungi	IntraState	10/09/2020	10.40	10/09/2020	19.16	PO	B phase string Broken(Long rod)at loc.no.57 and same to be replaced,Double Jumpering at L.N.-30 due to hotspot.
Bhigwan- Bilt Graphic	IntraState	10/09/2020	11.00	10/09/2020	15.45	PO	REPLACEMENT OF FLASHOVER POLYMER INSULATOR R-PH @ LOC13.
REL Borivali MSETCL Borivali Line-1	IntraState	10/09/2020	14.19	10/09/2020	15.36	PO	Distance cum Differential MICOM P544 Relay(Main-2) Faulty relay Replacement work at A-Borivali end.
Kalwa-TIFIL	IntraState	10/09/2020	15.13	10/09/2020	17.37	PO	L&T AMR Meters CT/PT Connections work and Other works.
220 KV ICT Outages/Trippings							
220/132kV 100MVA ICT-II @ Alephata	IntraState	10/09/2020	09.05	10/09/2020	14.52	PO	For Aux.Side Isolator Maintenance work.
220/132KV 100MVA ICT-I@ Kathapur	IntraState	10/09/2020	11.22	10/09/2020	23.20	EO	Real Time.

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