

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Oct/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.387	3186.448	1) Gujrat	1.364	41.029
2) Hydro	4.972	149.880	2) Madhya Pradesh	6.793	136.560
3) Gas	3.228	135.002	3) Chattisgarh	6.520	135.180
Total MSPGCL	150.587	3471.330	4) Maharashtra	104.617	2756.841
B) 1) APLM	66.684	1477.604	5) Goa (Amona)	-1.412	-33.183
2) JSWEL	23.016	564.395	Total	117.882	3036.427
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.863	496.421
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.828	541.738
5) WPCL	7.669	147.308	c) MSEDCL Bilateral *	30.890	755.688
6) Other IPP	8.831	206.087	Include PX	1.329	59.902
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.863	494.844
C) 1) TPCL Thermal	15.782	282.222	Include PX	5.538	182.297
2) TPCL Hydro	2.280	112.504	Standby	0.000	1.578
3) TPCL Gas	4.388	103.052	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.495	240.052	1) MSEDCL	360.778	8718.106
D) STATE			2) Mumbai Discoms	54.773	1279.565
1) Thermal	273.864	6104.116	TOTAL STATE	415.551	9997.671
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.252	262.384			
3) Gas (A3+B7+C3)	7.616	238.054			
4) Wind	3.244	232.172			
6) SOLAR	5.693	124.521			
TOTAL STATE	297.669	6961.247			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5835	6090	6278	5867
MSPGCL Hydro	141	138	178	81
MSPGCL Gas	139	129	130	130
MSPGCL Total Generation	6115	6357	6586	6078
Central Sector Receipt	5775	4725	5136	4322
WIND	59	180	433	82
CPP / IPP Thermal	4819	4982	4965	3871
CPP / IPP Gas	0	0	0	0
SOLAR	564	40	0	0
Exchange with Mumbai	-1117	-848	-984	-761
MSEDCL DEMAND MET	16215	15436	16136	13592
Load Shedding	0	0	0	0
MSEDCL DEMAND	16215	15436	16136	13592
TPCL GENERATION	865	1055	1106	849
AEML GENERATION	336	501	389	282
MUMBAI DEMAND	2318	2404	2479	1892
STATE DEMAND MET	18533	17840	18615	15484
STATE DEMAND	18533	17840	18615	15484
Frequency (Hz)	50.01	50.00	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 07.59 Hrs	49.78 Hz at 05.42 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 24/Oct/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	11.66	221.76	600	370
Unit 9	10.69	184.39	551	345
Unit 10	8.73	197.77	380	355
Total	31.07	603.92		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.38	233.74	500	285
Unit 5	11.38	232.96	495	290
Total	22.76	466.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.67	85.72	239	170
Unit 7	0.00	77.44	0	0
Unit 8	5.65	95.82	250	179
Total	10.32	258.98		
Chandrapur				
Unit 3	3.33	28.37	160	80
Unit 4	3.45	72.84	156	120
Unit 5	10.04	226.52	430	415
Unit 6	10.04	208.95	426	409
Unit 7	0.00	0.00	0	0
Unit 8	10.47	248.31	450	410
Unit 9	9.75	245.79	455	380
Total	47.07	1030.77		
Paras				
Unit 3	5.46	112.14	250	140
Unit 4	5.79	122.01	254	208
Total	11.25	234.15		
Khaparkheda				
Unit 1	3.58	80.66	165	115
Unit 2	4.26	93.32	185	170
Unit 3	4.34	87.11	185	180
Unit 4	4.30	94.32	185	175
Unit 5	0.00	204.74	0	0
Total	16.48	560.14		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.43	31.78	195	120
Unit 5	0.00	0.00	0	0
Total	3.43	31.78		
Uran				
All Units	3.23	135.00	201	127
Total	3.23	135.00		
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)	0.00	15.45	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	15.45		
Koyna				
Stage 1-2	3.18	59.10	530	40
Stage 4	0.00	24.78	0	0
Stage 3	0.72	20.84	160	0
Total	3.90	104.73		
Hydro				
KDPH	0.00	5.06	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.07	4.42	48	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	7.91	40	0
RNGR+BHTSA	0.32	4.24	14	13
BHANDARDRA	0.08	1.30	15	0
ELDARY	0.00	11.22	0	0
SMLHY_PTN	0.09	4.72	4	3
GHATGHAR	0.31	5.79	125	0
Total	1.08	45.15		
Wind				
Total	3.24	232.17	0	0
Total	3.24	232.17		
CPP				
APML(Mus)	66.68	1477.60	0	0
JSWEL(Mus)	23.02	564.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.67	147.31	0	0
Other(Mus)	8.83	206.09	0	0
Total	106.20	2395.39		
SOLAR				
Total	5.69	124.52	0	0
Total	5.69	124.52		
Tata				
Trombay 5	10.33	221.26	447	400
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	66.81	118	116
Trombay 7B	1.58	36.25	66	65
Trombay 8	5.46	60.96	230	212
TATA Hydro	2.28	112.50	256	2
Total	22.45	497.78		
AEML				
DTPS U-1&2	9.50	240.05	502	282
Total	9.50	240.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.39	3186.45	MSPGCL Total	150.59	3471.33
			MSPGCL Thml+Gas	145.62	3321.45	Koyna 1,2 & 4 Total	3.18	83.89
			MSPGCL Hydro	4.97	149.88	State Total	297.67	6961.25

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Oct/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	5911	156	144	6211	183	3991	0	0	4422	4707	-1159	13933	0	13933	2264	16197	50.00
2	5932	76	140	6148	169	3926	0	0	4437	4323	-1004	13562	0	13562	2108	15670	49.99
3	5948	81	129	6158	195	3934	0	0	4459	4274	-902	13659	0	13659	1998	15657	49.98
4	5867	81	130	6078	82	3871	0	0	4359	4322	-761	13592	0	13592	1892	15484	50.01
5	5862	126	130	6118	47	3968	0	0	4341	4539	-714	13958	0	13958	1846	15804	49.97
6	5928	251	129	6308	43	4595	0	0	4419	4462	-695	14713	0	14713	1873	16586	49.91
7	5970	557	130	6657	27	4795	0	21	4716	4817	-542	15775	0	15775	1895	17670	49.98
8	5918	626	130	6674	69	4845	0	169	4992	5146	-598	16305	0	16305	1960	18265	50.01
9	5911	421	130	6462	49	4952	0	392	5054	5154	-750	16259	0	16259	2112	18371	50.05
10	5835	141	139	6115	59	4819	0	564	5750	5775	-1117	16215	0	16215	2318	18533	50.01
11	5843	118	129	6090	88	4756	0	713	5576	5296	-1205	15738	0	15738	2525	18263	50.01
12	5859	161	127	6147	91	4124	0	817	5747	5308	-1034	15453	0	15453	2617	18070	50.02
13	5630	198	127	5955	113	3786	0	853	5670	5611	-1067	15251	0	15251	2587	17838	49.98
14	5439	108	128	5675	153	3796	0	817	5544	5694	-1080	15055	0	15055	2523	17578	50.02
15	5730	158	127	6015	156	3891	0	667	5414	5227	-1099	14857	0	14857	2541	17398	49.99
16	5920	95	128	6143	165	4182	0	433	5312	5291	-1078	15136	0	15136	2516	17652	50.01
17	6027	58	128	6213	177	4549	0	207	5035	5053	-1008	15191	0	15191	2449	17640	49.95
18	6090	138	129	6357	180	4982	0	40	4789	4725	-848	15436	0	15436	2404	17840	50.00
19	6172	203	129	6504	300	4972	0	0	5132	5058	-857	15977	0	15977	2468	18445	50.01
20	6278	178	130	6586	433	4965	0	0	5440	5136	-984	16136	0	16136	2479	18615	50.02
21	6125	212	129	6466	101	4505	0	0	4938	4885	-1069	14888	0	14888	2427	17315	49.99
22	6118	373	130	6621	80	4883	0	0	4587	4296	-1075	14805	0	14805	2353	17158	50.01
23	6101	217	155	6473	140	4676	0	0	4552	4526	-1077	14738	0	14738	2329	17067	50.02
24	5973	239	201	6413	144	4437	0	0	4465	4257	-1105	14146	0	14146	2289	16435	49.98
MUs	142.39	4.97	3.23	150.59	3.24	106.20	0.00	5.69	119.15	117.88	-22.83	360.78	0.00	360.78	54.77	415.55	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 24/Oct/2020

Position as on 6.30 Hrs of 25/Oct/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	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Khaparkheda Unit 5	500	21/10/2020	13.52	25/10/2020	22.36	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	24/10/2020	00.14	24/10/2020	22.07	Filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 25/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor.
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 Sar'Sarovar II	InterState	23/10/2020	12.05		Continued.	PO	Replacement of damaged earthwire(REC 18.02)
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Akola II - RPL(Rattanindia) Ckt I	IntraState	23/10/2020	01.52		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	23/10/2020	21.01	24/10/2020	11.52	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/10/2020	21.16	24/10/2020	08.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/10/2020	21.01		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	24/10/2020	21.05		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	25/10/2020	00.37	25/10/2020	06.36	PO	For replacement of 3 Nos of Twin 400kV CT Jumper's which were damaged in occurrence on dtd 12.10.2020.
Lonikand I - Koyna stage-IV	IntraState	25/10/2020	01.20	25/10/2020	09.12	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	25/10/2020	11.03	25/10/2020	Continued.	PO	Replacement of faulty insulator string at loc no.305.
karad -kolhapur-II	IntraState	25/10/2020	21.56		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/10/2020	23.11		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	25/10/2020	23.15		Continued.	HT	Jumper Replacement Work.
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 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
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)
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
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.
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
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work
Halkarni-Olam(Agro)	IntraState	23/10/2020	09.24	24/10/2020	00.54	PO	cold washing insulator
Halkarni-Olam(Agro)	IntraState	24/10/2020	09.51	24/10/2020	15.04	PO	Cold washing of Insulator
Chinchwad-Hinjewadi I	IntraState	24/10/2020	10.02	24/10/2020	12.55	EO	To attend Hot Spot
Vankuswadi- Ajinkyatara	IntraState	24/10/2020	11.25	24/10/2020	17.00	EO	To attend Hot Spot
Wardha Butibori-III	IntraState	24/10/2020	11.53	24/10/2020	14.36	T	Distance Protection
Dondaicha(220)-Amalner(220)	IntraState	24/10/2020	14.23	24/10/2020	16.14	PO	jumper replacement work
Jejuri (400 Kv)- Baramati li	IntraState	25/10/2020	05.45	25/10/2020	07.06	T	PDR operated at Jejuri end.

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 24/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 25/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lamboti(solapur)-Karkamb	IntraState	25/10/2020	10.08		Continued.	T	Distance Protection
Vankuswadi- Ajinkyatara	IntraState	25/10/2020	11.05	25/10/2020	16.05	EO	CB Maintenance Work.
Kandalgaon - Bhira	IntraState	25/10/2020	20.50		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 1 @Amalner	IntraState	24/10/2020	10.15	24/10/2020	13.42	PO	Replacement of Line Isolator to CT Jump