

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Oct/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.302	3445.697	1) Gujrat	0.929	43.110
2) Hydro	3.059	155.586	2) Madhya Pradesh	9.975	153.178
3) Gas	6.532	147.980	3) Chattisgarh	6.690	148.270
Total MSPGCL	144.893	3749.263	4) Maharashtra	104.756	2960.966
B) 1) APML	59.569	1594.638	5) Goa (Amona)	-1.314	-35.904
2) JSWEL	23.072	608.590	Total	121.036	3269.620
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.110	533.394
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.630	584.539
5) WPCL	6.944	160.837	c) MSEDCL Bilateral *	30.415	812.327
6) Other IPP	7.472	221.186	Include PX	0.624	60.688
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.110	531.816
C) 1) TPCL Thermal	15.882	310.580	Include PX	8.335	196.908
2) TPCL Hydro	2.720	118.409	Standby	0.000	1.578
3) TPCL Gas	4.370	111.800	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.022	259.851	1) MSEDCL	351.671	9396.040
D) STATE			2) Mumbai Discoms	55.624	1385.176
1) Thermal	259.263	6601.379	TOTAL STATE	407.295	10781.216
(A1+C1+C4+(B1-B6))					
2) Hydro	5.779	273.995			
(A2+C2)					
3) Gas	10.902	259.780			
(A3+B7+C3)					
4) Wind	4.301	240.749			
6) SOLAR	6.014	135.696			
TOTAL STATE	286.259	7511.599			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5983	5926	5993	4744
MSPGCL Hydro	71	106	366	63
MSPGCL Gas	278	257	268	281
MSPGCL Total Generation	6332	6289	6627	5088
Central Sector Receipt	6048	5755	5387	4012
WIND	173	161	254	89
CPP / IPP Thermal	3993	3904	5055	3095
CPP / IPP Gas	0	0	0	0
SOLAR	843	898	0	0
Exchange with Mumbai	-1235	-1312	-1021	-424
MSEDCL DEMAND MET	16154	15695	16302	11860
Load Shedding	0	0	0	0
MSEDCL DEMAND	16154	15695	16302	11860
TPCL GENERATION	878	877	1117	967
AEML GENERATION	500	499	500	500
MUMBAI DEMAND	2613	2688	2638	1891
STATE DEMAND MET	18767	18383	18940	13751
STATE DEMAND	18767	18383	18940	13751
Frequency (Hz)	50.01	50.01	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.03 Hrs	49.85 Hz at 09.19 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 26/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	11.55	243.15	523	374
Unit 9	11.88	206.05	570	375
Unit 10	8.70	215.30	381	350
Total	32.12	664.50		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.10	251.74	500	280
Unit 5	10.08	250.86	495	275
Total	20.18	502.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.41	94.48	239	174
Unit 7	0.00	77.44	0	0
Unit 8	5.10	105.69	250	180
Total	9.51	277.61		
Chandrapur				
Unit 3	3.49	35.13	165	120
Unit 4	3.43	79.42	157	119
Unit 5	9.09	243.95	415	275
Unit 6	9.21	226.45	425	280
Unit 7	0.00	0.00	0	0
Unit 8	10.06	268.09	470	275
Unit 9	10.17	265.76	480	279
Total	45.45	1118.80		
Paras				
Unit 3	5.30	122.55	245	189
Unit 4	1.30	128.92	226	0
Total	6.59	251.46		
Khaparkheda				
Unit 1	3.50	87.54	155	125
Unit 2	4.00	100.86	185	140
Unit 3	4.05	94.73	185	135
Unit 4	3.94	101.81	185	135
Unit 5	2.56	207.42	450	0
Total	18.05	592.36		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.38	38.37	183	128
Unit 5	0.00	0.00	0	0
Total	3.38	38.37		
Uran				
All Units	6.53	147.98	292	257
Total	6.53	147.98		
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)	0.00	15.53	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	15.53		
Koyna				
Stage 1-2	1.50	62.47	270	40
Stage 4	0.00	24.78	0	0
Stage 3	0.42	21.69	80	0
Total	1.92	108.94		
Hydro				
KDPH	0.00	5.06	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	4.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	8.52	40	0
RNGR+BHTSA	0.36	4.61	16	15
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.00	11.22	0	0
SMLHY_PTN	0.03	4.79	2	1
GHATGHAR	0.45	6.24	125	0
Total	1.14	46.65		
Wind				
Total	4.30	240.75	0	0
Total	4.30	240.75		
CPP				
APML(Mus)	59.57	1594.64	0	0
JSWEL(Mus)	23.07	608.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.94	160.84	0	0
Other(Mus)	7.47	221.19	0	0
Total	97.06	2585.25		
SOLAR				
Total	6.01	135.70	0	0
Total	6.01	135.70		
Tata				
Trombay 5	10.33	239.89	451	386
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	72.42	118	115
Trombay 7B	1.57	39.38	66	64
Trombay 8	5.56	70.69	234	228
TATA Hydro	2.72	118.41	288	2
Total	22.97	540.79		
AEML				
DTPS U-1&2	11.02	259.85	501	283
Total	11.02	259.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.30	3445.70	MSPGCL Total	144.89	3749.26
			MSPGCL Thml+Gas	141.83	3593.68	Koyna 1,2 & 4 Total	1.50	87.25
			MSPGCL Hydro	3.06	155.59	State Total	286.26	7511.60

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4654	68	292	5014	89	3267	0	0	4486	4287	-598	12059	0	12059	2157	14216	50.01
2	4711	58	271	5040	79	3116	0	0	4161	4034	-475	11794	0	11794	2013	13807	50.01
3	4744	63	281	5088	89	3095	0	0	3930	4012	-424	11860	0	11860	1891	13751	50.02
4	4766	67	281	5114	102	3123	0	0	3967	4095	-405	12029	0	12029	1819	13848	50.01
5	4773	57	272	5102	143	3406	0	0	4044	4025	-318	12358	0	12358	1787	14145	50.00
6	5200	61	291	5552	63	3702	0	0	4292	4407	-276	13448	0	13448	1820	15268	50.03
7	6156	66	282	6504	140	3852	0	7	4538	4659	-359	14803	0	14803	1825	16628	50.01
8	6300	56	271	6627	137	4451	0	162	4639	4884	-563	15698	0	15698	1919	17617	50.01
9	6012	56	281	6349	196	4753	0	440	5156	5342	-766	16314	0	16314	2135	18449	50.00
10	6005	61	270	6336	190	4392	0	683	5850	5387	-1061	15927	0	15927	2431	18358	50.00
11	5983	71	278	6332	173	3993	0	843	5999	6048	-1235	16154	0	16154	2613	18767	50.01
12	5928	64	258	6250	162	3924	0	890	6044	5941	-1308	15859	0	15859	2697	18556	50.03
13	5926	106	257	6289	161	3904	0	898	5935	5755	-1312	15695	0	15695	2688	18383	50.01
14	5829	96	268	6193	127	3888	0	784	5865	5812	-1273	15531	0	15531	2622	18153	50.04
15	5695	402	257	6354	161	3880	0	600	5759	5742	-1246	15491	0	15491	2696	18187	49.98
16	5941	301	257	6499	184	4142	0	431	5551	5454	-1231	15479	0	15479	2720	18199	49.98
17	5921	306	257	6484	186	4533	0	223	5378	5086	-1160	15352	0	15352	2681	18033	50.00
18	5926	356	269	6551	195	4846	0	53	5052	4971	-1033	15583	0	15583	2626	18209	49.98
19	5993	366	268	6627	254	5055	0	0	5511	5387	-1021	16302	0	16302	2638	18940	50.04
20	5932	129	270	6331	331	5078	0	0	5729	5324	-1071	15993	0	15993	2572	18565	50.06
21	5832	56	270	6158	306	4557	0	0	5271	5184	-1119	15086	0	15086	2430	17516	50.02
22	5793	71	280	6144	274	4231	0	0	5222	5181	-1157	14673	0	14673	2344	17017	50.03
23	5766	61	270	6097	277	3929	0	0	5130	5090	-1120	14273	0	14273	2280	16553	50.03
24	5516	61	281	5858	282	3940	0	0	5023	4929	-1099	13910	0	13910	2220	16130	50.02
MUs	135.30	3.06	6.53	144.89	4.30	97.06	0.00	6.01	122.53	121.04	-21.63	351.67	0.00	351.67	55.62	407.30	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 26/Oct/2020

Position as on 6.30 Hrs of 27/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 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	
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	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	26/10/2020	06.27		Continued.	Electrical protection.	
MSPGCL	Khaparkheda Unit 5	500	26/10/2020	07.52		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 27/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	26/10/2020	10.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/10/2020	10.53		Continued.	PO	Replacement of Damage Earth wire.26/Oct/2020 (REC 17.22)
Kudus-Padgha (PG) Ckt II	InterState	26/10/2020	14.58	26/10/2020	19.18	EO	Attending Hot Spot
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	26/10/2020	20.45		Continued.	EO	Y Phase Isolator Replacement
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	26/10/2020	09.17	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/10/2020	21.01	26/10/2020	07.26	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	24/10/2020	21.05	26/10/2020	08.51	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	26/10/2020	07.57	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/10/2020	23.11	26/10/2020	09.28	HT	Over Voltage
Kalwa - Kharghar	IntraState	25/10/2020	23.15	26/10/2020	06.31	HT	Jumper Replacement Work.
Padghe - Kalwa- I	IntraState	26/10/2020	03.53	26/10/2020	06.41	T	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	26/10/2020	08.44	26/10/2020	16.31	PO	Relay testing work & PID Faulty Insulator replacement work.
Chandrapur-II - Nanded ckt I	IntraState	26/10/2020	08.55	26/10/2020	15.06	EO	CB Maintenance Work at Chandrapur End.
Bhusawal-Aurangabad	IntraState	26/10/2020	20.16	27/10/2020	07.00	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	26/10/2020	22.26	27/10/2020	06.59	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.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	26/10/2020	01.29	26/10/2020	05.30	T	Differential protection due to bursting of R-phase CT Tie-bay 403.
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)
Tillari Amona	InterState	26/10/2020	06.45	26/10/2020	10.30	EO	Emergency Outage at Goa end.
Mahalakshmi Amona	InterState	26/10/2020	06.55	26/10/2020	10.11	EO	Emergency Outage at Goa end.
Mahalakshmi Amona	InterState	26/10/2020	22.37	26/10/2020	23.24	T	Distance Protection
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

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 26/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 27/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work
Lamboti(solapur)-Karkamb	IntraState	25/10/2020	10.08	26/10/2020	09.19	T	Distance Protection
Kandalgaon - Bhira	IntraState	25/10/2020	20.50	26/10/2020	05.20	T	Distance Protection
Alkud Miraj	IntraState	26/10/2020	10.10	26/10/2020	14.25	PO	Quarterly Maintenance Work and to Attending Hot Spot at B PH CT.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	26/10/2020	10.11	26/10/2020	16.11	PO	CB Timing, CRM & Quarterly Bay Maintenance Work.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	26/10/2020	15.17	26/10/2020	16.02	T	Distance Protection
Eklahare (Gcr)(Nashik) - Airoli Know Park	IntraState	26/10/2020	15.26	26/10/2020	16.21	HT	For Load Management.
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	26/10/2020	08.50	26/10/2020	22.50	PO	Attending Oil Leakage
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	26/10/2020	10.15		Continued.	PO	Overhauling of OLTC. Diagnostic Testing & TNC Replacement Switch Work.
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	26/10/2020	13.50	26/10/2020	20.35	PO	Attending Oil Leakage
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	26/10/2020	14.35	26/10/2020	16.22	PO	LV Breaker CRM, Timing Test.

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