

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Oct/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.153	3731.669	1) Gujrat	-0.033	44.144
2) Hydro	4.197	163.061	2) Madhya Pradesh	10.151	174.153
3) Gas	6.600	161.156	3) Chattisgarh	5.030	160.780
Total MSPGCL	154.950	4055.886	4) Maharashtra	113.446	3185.076
B) 1) APML	65.279	1722.508	5) Goa (Amona)	-1.279	-38.583
2) JSWEL	24.016	657.412	Total	127.315	3525.570
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.506	571.519
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.212	632.226
5) WPCL	7.277	175.263	c) MSEDCL Bilateral *	29.694	872.104
6) Other IPP	8.873	238.353	Include PX	-0.081	61.728
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.506	569.942
C) 1) TPCL Thermal	14.670	340.033	Include PX	5.357	208.730
2) TPCL Hydro	2.930	123.521	Standby	0.000	1.578
3) TPCL Gas	4.411	120.595	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.275	279.016	1) MSEDCL	373.250	10138.558
D) STATE			2) Mumbai Discoms	55.498	1495.388
1) Thermal	273.543	7144.254	TOTAL STATE	428.748	11633.946
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.127	286.582			
3) Gas (A3+B7+C3)	11.011	281.751			
4) Wind	2.911	247.083			
6) SOLAR	6.841	148.709			
TOTAL STATE	301.433	8108.379			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5913	5846	6268	5427
MSPGCL Hydro	110	180	729	65
MSPGCL Gas	268	256	279	271
MSPGCL Total Generation	6291	6282	7276	5763
Central Sector Receipt	6307	6234	4921	4855
WIND	140	155	187	88
CPP / IPP Thermal	4106	3996	5110	3865
CPP / IPP Gas	0	0	0	0
SOLAR	921	778	0	0
Exchange with Mumbai	-1173	-1201	-894	-893
MSEDCL DEMAND MET	16592	16244	16600	13678
Load Shedding	0	0	0	0
MSEDCL DEMAND	16592	16244	16600	13678
TPCL GENERATION	990	983	1176	615
AEML GENERATION	499	500	498	283
MUMBAI DEMAND	2662	2684	2568	1791
STATE DEMAND MET	19254	18928	19168	15469
STATE DEMAND	19254	18928	19168	15469
Frequency (Hz)	50.00	49.99	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 22.02 Hrs	49.69 Hz at 18.14 Hrs	49.99	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 28/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	12.37	268.39	575	355
Unit 9	13.18	232.18	590	425
Unit 10	9.08	232.83	380	360
Total	34.64	733.40		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.35	271.96	500	280
Unit 5	10.48	271.12	495	280
Total	20.83	543.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.70	103.65	240	177
Unit 7	0.00	77.44	0	0
Unit 8	5.25	116.19	250	175
Total	9.96	297.29		
Chandrapur				
Unit 3	3.91	42.86	165	160
Unit 4	3.64	86.75	160	125
Unit 5	7.08	260.81	416	0
Unit 6	10.07	246.57	425	411
Unit 7	0.00	0.00	0	0
Unit 8	11.06	290.37	475	420
Unit 9	11.50	289.03	500	450
Total	47.25	1216.40		
Paras				
Unit 3	5.78	133.79	250	234
Unit 4	5.88	138.28	252	212
Total	11.66	272.07		
Khaparkheda				
Unit 1	3.73	94.84	170	140
Unit 2	3.88	108.62	180	100
Unit 3	4.14	102.98	185	140
Unit 4	4.16	110.06	180	140
Unit 5	0.00	207.42	0	0
Total	15.90	623.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	45.53	196	130
Unit 5	0.00	0.00	0	0
Total	3.92	45.53		
Uran				
All Units	6.60	161.16	292	256
Total	6.60	161.16		
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)	0.02	15.56	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	15.56		
Koyna				
Stage 1-2	1.88	65.98	310	35
Stage 4	0.62	25.64	259	0
Stage 3	0.61	22.87	148	0
Total	3.12	114.49		
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.	0.24	9.01	40	0
RNGR+BHTSA	0.35	5.31	15	14
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.21	11.43	11	0
SMLHY_PTN	0.00	4.80	0	0
GHATGHAR	0.27	6.75	125	0
Total	1.08	48.57		
Wind				
Total	2.91	247.08	0	0
Total	2.91	247.08		
CPP				
APML(Mus)	65.28	1722.51	0	0
JSWEL(Mus)	24.02	657.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.28	175.26	0	0
Other(Mus)	8.87	238.35	0	0
Total	105.44	2793.54		
SOLAR				
Total	6.84	148.71	0	0
Total	6.84	148.71		
Tata				
Trombay 5	9.48	258.85	447	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	78.04	119	116
Trombay 7B	1.60	42.55	68	66
Trombay 8	5.19	81.19	237	134
TATA Hydro	2.93	123.52	366	3
Total	22.01	584.15		
AEML				
DTPS U-1&2	9.28	279.02	501	283
Total	9.28	279.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.15	3731.67	MSPGCL Total	154.95	4055.89
			MSPGCL Thml+Gas	150.75	3892.82	Koyna 1,2 & 4 Total	2.51	91.62
			MSPGCL Hydro	4.20	163.06	State Total	301.43	8108.38

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	6121	59	271	6451	145	3830	0	0	4931	4616	-1066	13976	0	13976	2162	16138	50.01
2	5826	54	281	6161	96	3854	0	0	4847	4674	-901	13884	0	13884	2017	15901	50.00
3	5713	64	292	6069	78	3859	0	0	4822	4538	-919	13625	0	13625	1891	15516	50.00
4	5427	65	271	5763	88	3865	0	0	4716	4855	-893	13678	0	13678	1791	15469	50.00
5	5802	69	292	6163	86	3882	0	0	4732	4970	-872	14229	0	14229	1758	15987	49.99
6	6237	79	292	6608	52	4182	0	0	5043	4989	-891	14940	0	14940	1779	16719	49.95
7	6295	278	281	6854	136	4727	0	17	5365	5087	-869	15952	0	15952	1801	17753	49.90
8	6311	585	292	7188	79	4922	0	192	5334	5369	-620	17130	0	17130	1930	19060	49.98
9	6038	205	271	6514	77	4959	0	529	5675	5574	-892	16761	0	16761	2131	18892	50.02
10	5994	133	280	6407	139	4634	0	755	6092	5745	-1115	16565	0	16565	2415	18980	50.02
11	5913	110	268	6291	140	4106	0	921	6169	6307	-1173	16592	0	16592	2662	19254	50.00
12	5906	226	277	6409	174	4025	0	974	6213	6161	-1218	16525	0	16525	2726	19251	50.00
13	5899	180	256	6335	164	4002	0	960	6127	5960	-1251	16170	0	16170	2736	18906	50.00
14	5739	190	266	6195	155	3950	0	869	6000	6076	-1194	16051	0	16051	2651	18702	50.02
15	5846	180	256	6282	155	3996	0	778	5934	6234	-1201	16244	0	16244	2684	18928	49.99
16	6177	110	267	6554	125	4327	0	530	5797	5822	-1224	16134	0	16134	2693	18827	50.00
17	6160	70	257	6487	146	4800	0	275	5548	5367	-1097	15978	0	15978	2637	18615	50.01
18	6208	170	268	6646	171	5046	0	41	5307	5295	-855	16344	0	16344	2557	18901	49.92
19	6268	729	279	7276	187	5110	0	0	5268	4921	-894	16600	0	16600	2568	19168	49.95
20	6239	311	270	6820	159	5115	0	0	5609	5328	-874	16548	0	16548	2525	19073	50.03
21	6129	70	280	6479	134	4921	0	0	5333	5011	-1005	15540	0	15540	2445	17985	50.02
22	6017	70	271	6358	87	4639	0	0	5108	5001	-973	15112	0	15112	2358	17470	50.02
23	5971	80	291	6342	80	4525	0	0	4969	4817	-1111	14653	0	14653	2299	16952	50.00
24	5917	110	271	6298	58	4169	0	0	4907	4598	-1104	14019	0	14019	2282	16301	49.93
MUs	144.15	4.20	6.60	154.95	2.91	105.45	0.00	6.84	129.85	127.32	-24.21	373.25	0.00	373.25	55.50	428.75	49.99

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 28/Oct/2020

Position as on 6.30 Hrs of 29/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	Khaparkheda Unit 5	500	26/10/2020	07.52	29/10/2020	03.34	Boiler Tube Leakage	
MSPGCL	Koyna Unit 4	70	28/10/2020	08.15	28/10/2020	17.15	Maintenance work	
MSPGCL	Chandrapur Unit 5	500	28/10/2020	09.37	28/10/2020	14.59	Drum Level High.	
MSPGCL	Koradi Unit 9	660	29/10/2020	02.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 28/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 29/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/Tripping							
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/Tripping							
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	27/10/2020	10.35	28/10/2020	08.54	PO	Replacement of Damage earth wire.(RFC 18:20)
Koradi Bhilai	InterState	28/10/2020	11.20	28/10/2020	18.57	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	28/10/2020	17.58		Continued.	HT	Over Voltage
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).
Khadka-Aurangabad (Waluj)	IntraState	27/10/2020	20.35	28/10/2020	07.26	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/10/2020	20.46	29/10/2020	06.33	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	28/10/2020	23.27		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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	28/10/2020	10.16	28/10/2020	18.48	PO	Dignostic Testing Work.
220 KV LINE Outages/Tripping							
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
Osmanabad - Solapur (Bale)	IntraState	28/10/2020	01.07		Continued.	HT	For twin Bus Outage.
OSMANABAD BARSHI	IntraState	28/10/2020	01.07		Continued.	HT	For twin Bus Outage.
Kanhan-Umred 1	IntraState	28/10/2020	08.47	28/10/2020	13.05	PO	In View Of 220KV Bus Section-1 Outage.
Yeotmal- Pusad	IntraState	28/10/2020	08.58	28/10/2020	14.38	PO	Half yearly maintenance work
Pophli Pedhmbe Line- 1	IntraState	28/10/2020	09.00	28/10/2020	17.45	PO	Bay Maintenance Work At Pedambe.
Wardha Butibori-III	IntraState	28/10/2020	10.12	28/10/2020	15.40	PO	Replacement Of B Phase Bus-I Isolator To Bus-II Isolator T Jumper Due To Conductor Strands Damaged.
Trombay Dharavi 6	IntraState	28/10/2020	10.15	28/10/2020	16.36	HT	Work In Vicinity.
Cable Borivli Aarey 1	IntraState	28/10/2020	10.22	28/10/2020	17.27	PO	Sheath Testing,Prelocation & Pin-Pointing Of Cable Sheath Fault Between MSETCL Borivali Substaion & JC 1.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	28/10/2020	11.25	28/10/2020	13.49	EO	Bird Dropping Removal At LOC 48.

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 28/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 29/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bombay Dyeing - Sahara	IntraState	28/10/2020	11.30	28/10/2020	18.57	PO	Replacment Of Polymer Insulator By Long Road Porcelain Loc No. 103.113.116.117.117A.118.119.
Khaparkheda-Kalmeshwar	IntraState	28/10/2020	11.56	28/10/2020	17.19	PO	Replacement Of Flash over Strig Of Top Phase At Loc No.11 & Conversion Of SSN To DSN At Loc No.11 & 12.
VSNL - STT 1 GIS	IntraState	28/10/2020	12.18	28/10/2020	16.17	PO	Low SF6 Gas In G2 Chamber Of 220KV SST Line-1 GIS Bay Observed. Need Top Up.
Phursungi-Parvati	IntraState	28/10/2020	23.07	29/10/2020	06.30	PO	Double Jumping work.
220 KV ICT Outages/Trippings							
220/132kV 200MVA ICT-1@Jeur	IntraState	28/10/2020	10.12	28/10/2020	16.20	PO	CTR Fire Detector Problem.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	28/10/2020	10.43	28/10/2020	21.15	PO	Testing Work