

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.972	644.278	1) Gujrat	-7.171	-41.468
2) Hydro	43.080	202.240	2) Madhya Pradesh	9.898	61.806
3) Gas	4.754	29.678	3) Chattisgarh	5.980	32.660
Total MSPGCL	152.806	876.196	4) Maharashtra	140.876	858.578
B) 1) APLM	52.381	299.988	5) Goa (Amona)	-1.292	-6.996
2) JSWEL	20.731	114.414	Total	148.291	904.580
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.186	133.352
4) RPL(AMT)	12.934	89.016	b) Mumbai Drawl	26.387	150.659
5) SWPGPL	5.904	23.570	c) MSEDCL Bilateral *	41.820	243.177
6) Other IPP	5.491	30.103	Include PX	13.164	75.075
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.186	133.352
C) 1) TPCL Thermal	16.849	98.939	Include PX	1.998	16.556
2) TPCL Hydro	6.139	30.072	Standby	0.000	0.000
3) TPCL Gas	2.548	13.567	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.987	67.306	1) MSEDCL	387.144	2262.487
D) STATE			2) Mumbai Discoms	63.910	360.543
1) Thermal	231.249	1367.614	TOTAL STATE	451.054	2623.030
(A1+C1+C4+(B1-B6))					
2) Hydro	49.219	232.312			
(A2+C2)					
3) Gas	7.302	43.245			
(A3+B7+C3)					
4) Wind	8.197	33.196			
6) SOLAR	6.796	42.083			
TOTAL STATE	302.763	1718.450			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4596	4332	4404	4262
MSPGCL Hydro	1915	1447	2058	1844
MSPGCL Gas	238	205	250	150
MSPGCL Total Generation	6749	5984	6712	6256
Central Sector Receipt	6928	7171	6793	4878
WIND	165	92	245	400
CPP / IPP Thermal	4041	4027	4153	4031
CPP / IPP Gas	0	0	0	0
SOLAR	773	1029	1	0
Exchange with Mumbai	-1344	-1632	-1158	-728
MSEDCL DEMAND MET	17312	16671	16746	14837
Load Shedding	0	0	0	0
MSEDCL DEMAND	17312	16671	16746	14837
TPCL GENERATION	1038	1059	1318	800
AEML GENERATION	502	500	500	503
MUMBAI DEMAND	2884	3191	2976	2031
STATE DEMAND MET	20196	19862	19722	16868
STATE DEMAND	20196	19862	19722	16868
Frequency (Hz)	50.02	50.03	49.83	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 12.59 Hrs	49.6 Hz at 18.13 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 06/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.60	17.37	195	0
Unit 7	0.00	0.00	0	0
Unit 8	12.69	75.93	552	490
Unit 9	12.32	68.11	540	480
Unit 10	0.00	0.00	0	0
Total	25.62	161.41		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.02	43.88	350	280
Unit 5	6.10	43.71	350	0
Total	13.13	87.58		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	3.78	25.83	245	108
Unit 8	4.29	25.27	200	167
Total	8.06	51.10		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	6.01	34.66	296	200
Unit 6	4.61	27.55	240	130
Unit 7	6.68	39.82	305	248
Unit 8	8.43	46.43	390	322
Unit 9	8.22	48.61	381	281
Total	33.96	197.08		
Paras				
Unit 3	4.83	26.33	214	185
Unit 4	0.00	0.00	0	0
Total	4.83	26.33		
Khaparkheda				
Unit 1	2.98	15.53	140	100
Unit 2	3.68	18.47	160	140
Unit 3	3.49	18.88	170	130
Unit 4	3.82	20.83	185	148
Unit 5	2.25	27.43	400	0
Total	16.23	101.14		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.15	19.64	147	108
Unit 5	0.00	0.00	0	0
Total	3.15	19.64		
Uran				
All Units	4.75	29.68	250	140
Total	4.75	29.68		
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)	0.50	2.73	42	0
Total	0.50	2.73		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.74	41.88	530	40
Stage 4	22.45	87.88	1035	635
Stage 3	6.24	27.42	320	160
Total	36.43	157.18		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.46	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.40	2.24	40	0
SMLHY_PTN	5.71	36.66	255	225
GHATGHAR	0.54	4.69	125	0
Total	6.65	45.06		
Wind				
Total	8.20	33.20	0	0
Total	8.20	33.20		
CPP				
APML(Mus)	52.38	299.99	0	0
JSWEL(Mus)	20.73	114.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	12.93	89.02	0	0
SWPGPL-Mus	5.90	23.57	0	0
Other(Mus)	5.49	30.10	0	0
Total	97.44	557.09		
SOLAR				
Total	6.80	42.08	0	0
Total	6.80	42.08		
Tata				
Trombay 5	11.57	67.64	489	445
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	7.50	114	48
Trombay 7B	1.08	6.06	66	39
Trombay 8	5.28	31.30	222	218
TATA Hydro	6.14	30.07	434	18
Total	25.54	142.58		
AEML				
DTPS U-1&2	11.99	67.31	503	474
Total	11.99	67.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.97	644.28	MSPGCL Total	152.81	876.20
			MSPGCL Thml+Gas	109.73	673.96	Koyna 1,2 & 4 Total	30.19	129.77
			MSPGCL Hydro	43.08	202.24	State Total	302.76	1718.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Oct/2021

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	4413	1426	140	5979	771	4026	0	0	5262	5154	-901	15029	0	15029	2476	17505	49.95
2	4428	1444	140	6012	680	4024	0	0	5082	4806	-798	14724	0	14724	2274	16998	49.98
3	4408	1539	141	6088	514	4032	0	0	4932	5011	-673	14972	0	14972	2130	17102	49.99
4	4262	1844	150	6256	400	4031	0	0	4828	4878	-728	14837	0	14837	2031	16868	50.00
5	4312	2005	141	6458	367	4082	0	0	4859	5018	-686	15239	0	15239	1993	17232	49.99
6	4411	2030	140	6581	437	4079	0	0	5341	5624	-721	16000	0	16000	2040	18040	49.96
7	4533	2113	149	6795	386	4113	0	35	6407	6291	-758	16862	0	16862	2099	18961	49.98
8	4768	1803	211	6782	247	4120	0	213	6790	6859	-883	17338	0	17338	2255	19593	50.01
9	4629	2119	241	6989	189	4040	0	549	6469	6711	-1104	17374	0	17374	2559	19933	50.02
10	4596	1915	238	6749	165	4041	0	773	6860	6928	-1344	17312	0	17312	2884	20196	50.02
11	4617	1383	226	6226	142	4060	0	947	7127	7030	-1547	16858	0	16858	3131	19989	50.04
12	4337	1591	204	6132	85	4065	0	956	7214	7112	-1611	16739	0	16739	3209	19948	50.03
13	4332	1447	205	5984	92	4027	0	1029	7222	7171	-1632	16671	0	16671	3191	19862	50.03
14	4386	1107	193	5686	103	4003	0	885	7087	7220	-1574	16323	0	16323	3111	19434	50.02
15	4276	1551	192	6019	122	3962	0	651	7068	6864	-1609	16009	0	16009	3207	19216	50.03
16	4381	1656	203	6240	263	3983	0	455	6782	6746	-1489	16198	0	16198	3270	19468	49.96
17	4370	1876	196	6442	275	3995	0	232	6658	6695	-1390	16249	0	16249	3210	19459	49.99
18	4284	2049	218	6551	300	4051	0	70	6592	6535	-1260	16247	0	16247	3077	19324	49.98
19	4404	2058	250	6712	245	4153	0	1	6996	6793	-1158	16746	0	16746	2976	19722	49.83
20	4425	2118	242	6785	420	4201	0	0	6573	6205	-987	16624	0	16624	2804	19428	49.88
21	4434	1919	232	6585	465	4194	0	0	5722	5727	-942	16029	0	16029	2665	18694	49.94
22	3976	2229	222	6427	371	4089	0	0	5131	5861	-869	15879	0	15879	2522	18401	49.94
23	3996	2203	242	6441	568	4030	0	0	5318	5641	-862	15818	0	15818	2421	18239	49.95
24	3994	1655	238	5887	590	4040	0	0	5596	5411	-861	15067	0	15067	2375	17442	49.96
MUs	104.97	43.08	4.75	152.81	8.20	97.44	0.00	6.80	147.92	148.29	-26.39	387.14	0.00	387.14	63.91	451.05	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 06/Oct/2021

Position as on 6.30 Hrs of 07/Oct/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
IPP	RPL(AMT) U-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,28.09.2021)	
MSPGCL	Paras Unit 4	250	26/09/2021	07.47		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 10	660	28/09/2021	22.46		Continued.	Poor coal receipt	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	02/10/2021	20.45		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	03/10/2021	15.02	06/10/2021	03.38	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	05/10/2021	22.18	06/10/2021	06.51	Gas shortage	
MSPGCL	Koradi Unit 6	210	06/10/2021	03.22		Continued.	sparkling at exciter of the generator	
MSPGCL	Khaparkheda Unit 5	500	06/10/2021	11.15	07/10/2021	04.34	Y-ph PRV of GT operated.	
MSPGCL	Bhusawal Unit 5	500	06/10/2021	21.05		Continued.	Poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 06/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Tripping							
765/400KV 1500MVA ICT II @ Aurangabad (Ektuni)	IntraState	06/10/2021	10.45	06/10/2021	15.37	PO	Diagnostic testing & Routine maintenance work.
500 KV LINE Outages/Tripping							
Chandrapur - Padghe Hvdc Pole 2	IntraState	05/10/2021	23.47	06/10/2021	06.07	EO	Radiator pump problem rectification
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
Koradi 2-IEPL	IntraState	26/09/2021	07.00		Continued.	PO	For for height raising work across.
koaradi II - Wardha(PG)	IntraState	26/09/2021	07.29		Continued.	PO	For for height raising work across Samruddhi highway at chainage No.23+650 (tower no 192 & 193)
Khadka- Deepnagar Ckt 2	IntraState	06/10/2021	10.22	06/10/2021	14.34	PO	DCRM testing of own CB of 400KV deepnagar-2.
Jejuri- Koynastage-IV	IntraState	06/10/2021	21.22		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	06/10/2021	22.31	06/10/2021	Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	06/10/2021	18.48	06/10/2021	19.54	T	LBB Protection malfunction at 220KV side.
220 KV LINE Outages/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
A'bad(PG)-Shendra Ckt II	InterState	06/10/2021	04.41	06/10/2021	23.13	HT	To Control OD.
Solapur (Pg) South Solapur I	InterState	06/10/2021	11.22	06/10/2021	16.38	PO	Quarterly Maintenance Work
Aurangabad PG (Chitepimpalgaon)-Chitegaon Ckt-II	InterState	06/10/2021	11.46	06/10/2021	14.48	PO	Replacement of TNC switch
Aurangabad PG (Chitepimpalgaon)-Chitegaon Ckt-I	InterState	06/10/2021	21.47	06/10/2021	23.08	HT	TO Control OD.
PARLY (PG) - OSMANABAD	InterState	06/10/2021	21.55	06/10/2021	22.58	HT	To Control OD.
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
Lonand Sona Alloys	IntraState	06/10/2021	02.48	06/10/2021	09.08	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	06/10/2021	02.50	06/10/2021	04.12	T	Distance Protection
Karad - Vita Ckt- II	IntraState	06/10/2021	09.01	06/10/2021	17.09	PO	Conversion of SSN to DSN work.
Lamboti(solapur)-Karkamb	IntraState	06/10/2021	10.00	06/10/2021	13.47	PO	Quarterly Maintenance Work
Kandalgaon - Sona Alloys	IntraState	06/10/2021	10.02	06/10/2021	18.05	PO	Replacement of polymer insulators by long rod porcelain insulators or conductor restringing work.
Ambazari-Kalmeshwar	IntraState	06/10/2021	10.02	06/10/2021	17.12	HT	Replacement of flashover string at various location.
Balapur-Malegaon	IntraState	06/10/2021	10.53	06/10/2021	18.58	EO	Safety, Ckt 1 work.
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	06/10/2021	14.24	06/10/2021	14.34	T	Distance Protection
Ghatghar - Jindal	IntraState	06/10/2021	16.34	06/10/2021	17.52	T	Distance Protection
Apta - Taloja	IntraState	06/10/2021	18.04	06/10/2021	18.25	T	Distance Protection
ANANDNAGAR - PALAVA	IntraState	06/10/2021	18.28	06/10/2021	19.44	T	Distance Protection
Bappaon - Kalwa	IntraState	06/10/2021	18.49	06/10/2021	19.01	T	Distance Protection
Chikhli-Jalna-I	IntraState	06/10/2021	19.15	06/10/2021	20.05	HT	Control ICT loading.
Chikhli-Jalna-II	IntraState	06/10/2021	19.15	06/10/2021	20.05	HT	Control ICT loading.
Bhugaon-WardhaPG (Deoli)	IntraState	06/10/2021	21.15	06/10/2021	22.54	HT	To Control OD.
Pusad-WardhaPG(Deoli)	IntraState	06/10/2021	21.23	06/10/2021	22.52	HT	To Control OD.

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 06/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PANDHARPUR BHALVANI	IntraState	06/10/2021	21.26		Continued.	T	CC Burst.
Trombay-Salsette II	IntraState	06/10/2021	23.12	07/10/2021	04.25	PO	Metro work.
220 KV ICT Outages/Trippings							
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	06/10/2021	12.15	06/10/2021	13.47	PO	replacement of old Al cable by Cu cable of CT circuit.
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	06/10/2021	19.20	06/10/2021	20.00	T	Overcurrent & Earthfault protection

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