

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Sep/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.357	1086.935	1) Gujrat	-13.378	-114.762
2) Hydro	8.813	127.046	2) Madhya Pradesh	3.115	22.649
3) Gas	5.120	83.403	3) Chattisgarh	4.340	40.580
Total MSPGCL	116.290	1297.384	4) Maharashtra	123.544	1464.310
B) 1) APLM	44.878	504.745	5) Goa (Amona)	-0.909	-8.209
2) JSWEL	12.906	137.551	Total	116.712	1404.568
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.942	248.393
4) RPL(AMT)	19.363	239.969	b) Mumbai Drawl	26.480	239.258
5) SWPGPL	2.856	45.854	c) MSEDCL Bilateral *	27.203	322.252
6) Other IPP	4.489	55.442	Include PX	0.437	38.260
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.942	248.393
C) 1) TPCL Thermal	10.398	143.716	Include PX	5.840	56.780
2) TPCL Hydro	0.636	32.090	Standby	0.000	0.000
3) TPCL Gas	4.046	21.003	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.829	110.172	1) MSEDCL	348.519	3793.509
D) STATE			2) Mumbai Discoms	50.389	546.243
1) Thermal	206.076	2324.384	TOTAL STATE	398.908	4339.752
(A1+C1+C4+(B1-B6))					
2) Hydro	9.449	159.136			
(A2+C2)					
3) Gas	9.166	104.406			
(A3+B7+C3)					
4) Wind	50.324	292.107			
6) SOLAR	7.181	55.147			
TOTAL STATE	282.196	2935.180			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4441	3949	4886	4299
MSPGCL Hydro	348	397	394	286
MSPGCL Gas	213	210	212	213
MSPGCL Total Generation	5002	4556	5492	4798
Central Sector Receipt	5462	4627	4834	4516
WIND	2386	2432	1843	1683
CPP / IPP Thermal	3861	2916	4206	3542
CPP / IPP Gas	0	0	0	0
SOLAR	590	894	0	0
Exchange with Mumbai	-1179	-1493	-1098	-1161
MSEDCL DEMAND MET	16122	13932	15277	13378
Load Shedding	0	0	0	0
MSEDCL DEMAND	16122	13932	15277	13378
TPCL GENERATION	600	535	766	612
AEML GENERATION	307	287	478	286
MUMBAI DEMAND	2086	2315	2342	2059
STATE DEMAND MET	18208	16247	17619	15437
STATE DEMAND	18208	16247	17619	15437
Frequency (Hz)	50.03	50.03	50.06	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.05 Hrs	49.83 Hz at 17.32 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/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	23.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.70	34.98	425	330
Unit 9	8.20	91.18	365	320
Unit 10	8.58	94.76	390	350
Total	25.47	244.87		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	7.36	75.97	425	280
Unit 5	7.43	56.56	440	280
Total	14.78	149.59		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	40.96	0	0
Unit 8	4.18	41.82	193	163
Total	4.18	82.78		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.62	16.33	105	15
Unit 5	6.57	65.80	310	220
Unit 6	0.00	45.26	0	0
Unit 7	7.10	71.77	342	279
Unit 8	8.54	90.41	420	280
Unit 9	8.43	27.13	417	280
Total	31.27	328.23		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.58	38.26	170	138
Total	3.58	58.96		
Khaparkheda				
Unit 1	2.46	22.47	110	85
Unit 2	2.57	30.62	115	100
Unit 3	3.25	34.98	155	130
Unit 4	3.20	34.94	157	130
Unit 5	8.40	66.06	420	275
Total	19.88	189.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.20	7.75	178	122
Total	3.20	33.45		
Uran				
All Units	5.12	83.40	246	202
Total	5.12	83.40		
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)	0.40	4.28	27	0
Total	0.40	4.28		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.75	22.73	445	40
Stage 4	0.00	24.54	0	0
Stage 3	1.04	14.05	80	0
Total	2.79	61.32		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.37	3.80	40	0
SMLHY_PTN	5.66	56.05	244	224
GHATGHAR	0.00	5.88	0	0
Total	6.03	65.72		
Wind				
Total	50.32	292.11	0	0
Total	50.32	292.11		
CPP				
APML(Mus)	44.88	504.74	0	0
JSWEL(Mus)	12.91	137.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.36	239.97	0	0
SWPGPL-Mus	2.86	45.85	0	0
Other(Mus)	4.49	55.44	0	0
Total	84.49	983.56		
SOLAR				
Total	7.18	55.15	0	0
Total	7.18	55.15		
Tata				
Trombay 5	6.37	96.64	347	259
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	14.08	117	72
Trombay 7B	1.53	6.93	68	54
Trombay 8	4.03	47.08	224	137
TATA Hydro	0.64	32.09	135	0
Total	15.08	196.81		
AEML				
DTPS U-1&2	8.83	110.17	497	285
Total	8.83	110.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.36	1086.94	MSPGCL Total	116.29	1297.38
			MSPGCL Thml+Gas	107.48	1170.34	Koyna 1,2 & 4 Total	1.75	47.27
			MSPGCL Hydro	8.81	127.05	State Total	282.20	2935.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Sep/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	4303	288	242	4833	1895	3957	0	0	4813	4614	-889	14410	0	14410	2055	16465	49.98
2	4263	286	246	4795	1871	3618	0	0	4849	4599	-778	14105	0	14105	1934	16039	50.00
3	4266	304	204	4774	2003	3302	0	0	4975	4623	-678	14024	0	14024	1837	15861	50.00
4	4034	319	211	4564	1980	3311	0	0	4897	4882	-633	14104	0	14104	1767	15871	49.94
5	4092	334	212	4638	1942	3601	0	0	4953	4767	-620	14328	0	14328	1757	16085	49.99
6	4387	328	213	4928	1938	4171	0	0	5075	5178	-685	15530	0	15530	1821	17351	50.00
7	4729	410	213	5352	2016	4262	0	44	5469	5483	-754	16403	0	16403	1871	18274	50.03
8	4761	406	213	5380	2081	4282	0	283	5684	5373	-782	16617	0	16617	1964	18581	50.03
9	4441	348	213	5002	2386	3861	0	590	5979	5462	-1179	16122	0	16122	2086	18208	50.03
10	3977	398	210	4585	2484	3211	0	799	5878	5567	-1355	15291	0	15291	2216	17507	50.05
11	3951	389	211	4551	2520	2926	0	884	5849	5297	-1467	14711	0	14711	2318	17029	50.03
12	3965	392	202	4559	2455	2891	0	934	5345	5221	-1488	14572	0	14572	2329	16901	50.03
13	3949	397	210	4556	2432	2916	0	894	4641	4627	-1493	13932	0	13932	2315	16247	50.03
14	3963	402	211	4576	2480	2879	0	856	4034	4254	-1349	13696	0	13696	2197	15893	50.10
15	3930	405	210	4545	2499	2832	0	778	4545	4105	-1324	13435	0	13435	2188	15623	49.96
16	3944	321	212	4477	2403	2915	0	645	4710	4275	-1300	13415	0	13415	2184	15599	50.03
17	3978	279	211	4468	2500	2907	0	317	5047	4644	-1238	13598	0	13598	2144	15742	50.00
18	4112	681	211	5004	2145	3084	0	149	4587	4664	-1241	13805	0	13805	2147	15952	49.95
19	4505	386	212	5103	1854	3906	0	8	5003	5282	-1269	14884	0	14884	2212	17096	50.03
20	4886	394	212	5492	1843	4206	0	0	5156	4834	-1098	15277	0	15277	2342	17619	50.06
21	4609	376	203	5188	1690	4092	0	0	5246	4883	-1215	14638	0	14638	2290	16928	50.02
22	4520	359	212	5091	1641	3935	0	0	4868	5022	-1243	14446	0	14446	2191	16637	49.98
23	4493	325	213	5031	1583	3885	0	0	4900	4540	-1241	13798	0	13798	2165	15963	50.03
24	4299	286	213	4798	1683	3542	0	0	4959	4516	-1161	13378	0	13378	2059	15437	50.00
MUs	102.36	8.81	5.12	116.29	50.32	84.49	0.00	7.18	121.46	116.71	-26.48	348.52	0.00	348.52	50.39	398.91	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/2021

Position as on 6.30 Hrs of 11/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-1	660	25/08/2021	00.06		Continued.	Annual Overhaul	
IPP	RPL(AMT) U-4	270	02/09/2021	00.00		Continued.	Annual Overhaul	
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	Bhusawal Unit 3	210	05/09/2021	20.05		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 4	210	06/09/2021	07.05	10/09/2021	15.05	Generator Elect. Fault	
MSPGCL	Paras Unit 3	250	06/09/2021	09.20		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
IPP	SWPGPL U-2	135	07/09/2021	15.17	11/09/2021	04.04	ID Fan Problem	
MSPGCL	Koradi Unit 6	210	07/09/2021	19.36		Continued.	PA Fan problem	
MSPGCL	Nasik Unit 4	210	07/09/2021	20.03		Continued.	PA Fan problem(Converted to Zero schedule from 12.00Hrs DT.13-09-2021)	
MSPGCL	Chandrapur Unit 6	500	09/09/2021	13.28		Continued.	Wet Coal.	
MSPGCL	Parli Unit 7	250	09/09/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	09/09/2021	23.48		Continued.	Gas Shortage.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	11/09/2021	05.07	11/09/2021	21.06	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 1	210	11/09/2021	19.37		Continued.	Coal Shortage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 11/Sep/2021

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
Dabhol Nagothane I	InterState	10/09/2021	10.07	10/09/2021	15.37	T	Distance Protection
Warora -IEPL	IntraState	02/09/2021	22.38		Continued.	PO	Height raising work across Samruddhi highway at ch 27-400km.
Dhule- Bableshwar - I	IntraState	04/09/2021	06.37		Continued.	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshwar - II	IntraState	04/09/2021	06.40		Continued.	PO	Samruddhi expressway crossing tower erection work.
Khadka-Aurangabad (Waluj)	IntraState	09/09/2021	20.06		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/09/2021	22.33	11/09/2021	11.12	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	11/09/2021	11.06	11/09/2021	14.44	PO	Removing Broken Earth Wire Between Span No. 169-170.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23		Continued.	T	Differential protection.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	10/09/2021	01.20	10/09/2021	02.40	EO	Faulty Switch Replacement LV CB Side.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	11/09/2021	08.34	11/09/2021	20.03	PO	CT, CB Diagnostic Testing & Bay Maintenance Work.
220 KV LINE Outages/Trippings							
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)
Kharghar-Borivali ckt II	IntraState	10/09/2021	04.29	10/09/2021	10.20	T	Cable Fault Kalwa Complex.
K'Kheda- Suryalakshmi	IntraState	11/09/2021	04.11	11/09/2021	04.40	T	Distance Protection
Kanhan - Suryalaxmi	IntraState	11/09/2021	04.11	11/09/2021	04.40	T	Distance Protection
Uran - Kharghar I	IntraState	11/09/2021	08.25	11/09/2021	20.20	PO	For straining on newly erected CT Tower at proposed Waghivali GIS and charging of cable from CT tower to proposed Ulwe GIS.
Nalasopara-Boisar	IntraState	11/09/2021	12.41	11/09/2021	15.57	PO	Replacement Of Insulator String By Line (M) S/Dn Boisar.
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 2 @REL Borivali	IntraState	10/09/2021	23.10	11/09/2021	13.18	T	Differential protection
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	11/09/2021	10.07		Continued.	PO	HV Equipment isolator work.
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	11/09/2021	10.10	11/09/2021	16.42	PO	Overhauling Of CB Mechanism (LV Breaker Of 220 MVA 220/100KV ICT-1 by transferring of protection from own breaker To TBC Brake)
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	11/09/2021	09.38	11/09/2021	17.10	PO	For Piling work by M/S b G Shirke.

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