

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Sep/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.931	1191.866	1) Gujrat	-11.190	-125.952
2) Hydro	11.758	138.804	2) Madhya Pradesh	5.714	28.363
3) Gas	4.979	88.382	3) Chattisgarh	4.940	45.520
Total MSPGCL	121.668	1419.052	4) Maharashtra	129.084	1593.394
B) 1) APML	47.717	552.462	5) Goa (Amona)	-0.561	-8.770
2) JSWEL	13.637	151.188	Total	127.987	1532.555
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.091	274.484
4) RPL(AMT)	20.511	260.480	b) Mumbai Drawl	25.321	264.579
5) SWPGPL	4.598	50.452	c) MSEDCL Bilateral *	31.333	353.585
6) Other IPP	4.882	60.324	Include PX	2.478	40.738
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.091	274.484
C) 1) TPCL Thermal	10.800	154.516	Include PX	5.499	62.279
2) TPCL Hydro	1.683	33.773	Standby	0.000	0.000
3) TPCL Gas	4.013	25.016	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.294	120.466	1) MSEDCL	364.707	4158.216
D) STATE			2) Mumbai Discoms	52.111	598.354
1) Thermal	217.370	2541.754	TOTAL STATE	416.818	4756.570
(A1+C1+C4+(B1-B6))					
2) Hydro	13.441	172.577			
(A2+C2)					
3) Gas	8.992	113.398			
(A3+B7+C3)					
4) Wind	43.045	335.152			
6) SOLAR	5.983	61.130			
TOTAL STATE	288.831	3224.011			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4673	3909	4512	4207
MSPGCL Hydro	359	311	1558	270
MSPGCL Gas	207	206	208	213
MSPGCL Total Generation	5239	4426	6278	4690
Central Sector Receipt	6121	6250	5637	4549
WIND	1752	1931	1855	1478
CPP / IPP Thermal	4189	3474	4162	3431
CPP / IPP Gas	0	0	0	0
SOLAR	580	778	0	0
Exchange with Mumbai	-1254	-1347	-946	-954
MSEDCL DEMAND MET	16627	15512	16986	13194
Load Shedding	0	0	0	0
MSEDCL DEMAND	16627	15512	16986	13194
TPCL GENERATION	647	679	994	547
AEML GENERATION	491	493	496	286
MUMBAI DEMAND	2392	2519	2436	1787
STATE DEMAND MET	19019	18031	19422	14981
STATE DEMAND	19019	18031	19422	14981
Frequency (Hz)	50.03	49.99	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 08.00 Hrs	49.78 Hz at 15.54 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 11/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	9.22	44.20	490	277
Unit 9	9.36	100.53	510	312
Unit 10	8.30	103.06	420	265
Total	26.88	271.75		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	7.86	83.82	415	280
Unit 5	8.46	65.02	480	280
Total	16.31	165.90		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	40.96	0	0
Unit 8	4.10	45.91	194	161
Total	4.10	86.87		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.61	16.94	105	0
Unit 5	6.35	72.15	300	210
Unit 6	0.00	45.26	0	0
Unit 7	7.12	78.89	333	276
Unit 8	8.64	99.05	416	271
Unit 9	8.46	35.59	440	273
Total	31.19	359.42		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.71	41.97	179	140
Total	3.71	62.67		
Khaparkheda				
Unit 1	1.98	24.46	110	0
Unit 2	2.38	33.00	115	80
Unit 3	3.21	38.19	155	130
Unit 4	3.16	38.10	152	130
Unit 5	8.66	74.72	415	280
Total	19.40	208.47		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.34	11.10	180	120
Total	3.34	36.79		
Uran				
All Units	4.98	88.38	219	196
Total	4.98	88.38		
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)	0.32	4.60	23	0
Total	0.32	4.60		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.10	24.82	275	40
Stage 4	1.45	25.99	604	0
Stage 3	1.26	15.32	160	0
Total	4.81	66.13		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.41	0.41	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.36	4.16	40	0
SMLHY_PTN	5.41	61.46	235	213
GHATGHAR	0.77	6.65	250	0
Total	6.95	72.68		
Wind				
Total	43.04	335.15	0	0
Total	43.04	335.15		
CPP				
APML(Mus)	47.72	552.46	0	0
JSWEL(Mus)	13.64	151.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.51	260.48	0	0
SWPGPL-Mus	4.60	50.45	0	0
Other(Mus)	4.88	60.32	0	0
Total	91.34	1074.91		
SOLAR				
Total	5.98	61.13	0	0
Total	5.98	61.13		
Tata				
Trombay 5	7.08	103.72	422	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	16.57	115	69
Trombay 7B	1.52	8.44	67	52
Trombay 8	3.72	50.80	213	132
TATA Hydro	1.68	33.77	198	0
Total	16.50	213.30		
AEML				
DTPS U-1&2	10.29	120.47	499	286
Total	10.29	120.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.93	1191.87	MSPGCL Total	121.67	1419.05
			MSPGCL Thml+Gas	109.91	1280.25	Koyna 1,2 & 4 Total	3.54	50.81
			MSPGCL Hydro	11.76	138.80	State Total	288.83	3224.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4072	274	214	4560	1582	3439	0	0	4757	4740	-1143	13178	0	13178	2006	15184	49.99
2	4138	270	212	4620	1642	3439	0	0	4524	4599	-1055	13245	0	13245	1887	15132	50.01
3	4207	270	213	4690	1478	3431	0	0	4661	4549	-954	13194	0	13194	1787	14981	50.00
4	4219	286	198	4703	1437	3413	0	0	4706	4716	-890	13379	0	13379	1722	15101	50.05
5	4349	277	196	4822	1523	3412	0	0	4755	4934	-878	13814	0	13814	1716	15530	50.02
6	4519	274	209	5002	1425	3777	0	0	4995	5155	-943	14416	0	14416	1783	16199	50.01
7	5037	402	213	5652	1494	4126	0	28	5421	5352	-975	15677	0	15677	1851	17528	49.99
8	5164	576	219	5959	1494	4244	0	229	5554	5489	-718	16697	0	16697	1972	18669	50.07
9	5119	361	206	5686	1671	4212	0	412	5954	5635	-881	16735	0	16735	2177	18912	50.05
10	4673	359	207	5239	1752	4189	0	580	6073	6121	-1254	16627	0	16627	2392	19019	50.03
11	4472	378	208	5058	1741	4210	0	728	6090	6035	-1414	16358	0	16358	2546	18904	50.02
12	4245	320	206	4771	2011	3780	0	708	6435	6115	-1371	16014	0	16014	2587	18601	50.03
13	3909	311	206	4426	1931	3474	0	778	6408	6250	-1347	15512	0	15512	2519	18031	49.99
14	3846	309	204	4359	2245	3450	0	795	5811	5782	-1265	15366	0	15366	2381	17747	50.02
15	3879	312	205	4396	2263	3283	0	675	5891	5452	-1218	14851	0	14851	2341	17192	49.96
16	3935	508	206	4649	2219	3138	0	541	5792	5847	-1177	15217	0	15217	2326	17543	49.94
17	4244	508	207	4959	2218	3418	0	339	5537	5618	-1222	15330	0	15330	2312	17642	49.97
18	4528	389	207	5124	2128	4028	0	157	5416	5243	-1214	15466	0	15466	2292	17758	49.94
19	4634	1083	206	5923	1763	4184	0	13	5504	5307	-995	16195	0	16195	2366	18561	49.96
20	4512	1558	208	6278	1855	4162	0	0	5809	5637	-946	16986	0	16986	2436	19422	50.03
21	4428	1028	207	5663	1569	4218	0	0	5127	5081	-826	15705	0	15705	2330	18035	50.03
22	4447	841	207	5495	1656	4121	0	0	5001	4963	-788	15447	0	15447	2216	17663	50.02
23	4287	434	208	4929	1897	4167	0	0	5119	4887	-938	14942	0	14942	2110	17052	50.03
24	4068	430	207	4705	2051	4029	0	0	5133	4480	-909	14356	0	14356	2056	16412	50.00
MUs	104.93	11.76	4.98	121.67	43.05	91.34	0.00	5.98	130.47	127.99	-25.32	364.71	0.00	364.71	52.11	416.82	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 11/Sep/2021

Position as on 6.30 Hrs of 12/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	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	12/09/2021	19.58	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.	
MSPGCL	Uran Unit 5	108	12/09/2021	18.34		Continued.	Tripped on jerk	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 12/Sep/2021

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 1	IntraState	12/09/2021	08.56	12/09/2021	18.01	PO	1) Measurement of tan delta & capacitance of 400KV R,Y & B-ph CTs which are due since 02 years. 2) Maintenance of PG isolators and CB isolators.
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 I	InterState	12/09/2021	13.06	12/09/2021	13.44	HT	Over Voltage
Warora -IEPL	IntraState	02/09/2021	22.38	12/09/2021	00.00	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.
Koradi 2-IEPL	IntraState	12/09/2021	01.06		Continued.	PO	Line restoration From ERS To Normal
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 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)
Kanhan - Suryalaxmi	IntraState	11/09/2021	04.11	11/09/2021	04.40	T	Distance Protection
K'Khedra- Suryalakshmi	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.
Bhandara-Bhandara Rly Tss 2	IntraState	12/09/2021	01.02	12/09/2021	02.00	T	Distance Protection
Hingoli- Girawali	IntraState	12/09/2021	01.12	12/09/2021	17.50	T	Distance Protection
Karad - Sadawagpur I	IntraState	12/09/2021	10.33	12/09/2021	17.55	T	R-ph Conductor snapped
NERUL - SEAWOOD CABLE CKT - 1	IntraState	12/09/2021	10.50	12/09/2021	12.13	EO	Attending Hot Spot
Adlabs - Pedambe	IntraState	12/09/2021	14.52	12/09/2021	15.45	T	Distance Protection
Kalmeshwar - JSW	IntraState	12/09/2021	15.22	12/09/2021	17.32	T	Backup Protection optd.
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	12/09/2021	15.22	12/09/2021	19.47	T	Backup Protection optd.
Uran - Kharghar I	IntraState	12/09/2021	18.34		Continued.	T	Distance Protection
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	12/09/2021	12.46	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)

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 11/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 12/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.