

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Sep/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.844	1385.167	1) Gujrat	-8.241	-141.677
2) Hydro	16.933	168.265	2) Madhya Pradesh	6.615	41.093
3) Gas	5.511	98.910	3) Chattisgarh	5.080	55.080
Total MSPGCL	121.288	1652.342	4) Maharashtra	136.336	1865.696
B) 1) APLM	49.642	650.395	5) Goa (Amona)	-1.516	-11.624
2) JSWEL	13.728	177.889	Total	138.274	1808.568
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.750	323.994
4) RPL(AMT)	24.382	306.718	b) Mumbai Drawl	26.539	313.082
5) SWPGPL	5.543	61.348	c) MSEDCL Bilateral *	36.806	430.560
6) Other IPP	5.219	70.392	Include PX	7.244	59.481
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.750	323.994
C) 1) TPCL Thermal	10.254	175.395	Include PX	10.745	79.073
2) TPCL Hydro	5.264	40.767	Standby	0.000	0.000
3) TPCL Gas	3.095	32.034	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.742	140.160	1) MSEDCL	372.274	4896.830
D) STATE			2) Mumbai Discoms	54.894	701.442
1) Thermal	217.354	2967.464	TOTAL STATE	427.168	5598.272
(A1+C1+C4+(B1-B6))					
2) Hydro	22.197	209.032			
(A2+C2)					
3) Gas	8.606	130.944			
(A3+B7+C3)					
4) Wind	35.262	410.058			
6) SOLAR	5.475	72.202			
TOTAL STATE	288.894	3789.700			

* 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 4 Hrs
MSPGCL Thermal	4244	3873	4356	3780
MSPGCL Hydro	768	561	1372	335
MSPGCL Gas	237	225	227	227
MSPGCL Total Generation	5249	4659	5955	4342
Central Sector Receipt	7036	6318	5479	4795
WIND	1245	1567	1747	1395
CPP / IPP Thermal	4316	4063	4141	4067
CPP / IPP Gas	0	0	0	0
SOLAR	736	705	22	0
Exchange with Mumbai	-1502	-1465	-1165	-856
MSEDCL DEMAND MET	17080	15847	16179	13743
Load Shedding	0	0	0	0
MSEDCL DEMAND	17080	15847	16179	13743
TPCL GENERATION	835	824	943	545
AEML GENERATION	494	493	462	287
MUMBAI DEMAND	2831	2782	2570	1688
STATE DEMAND MET	19911	18629	18749	15431
STATE DEMAND	19911	18629	18749	15431
Frequency (Hz)	50.04	50.00	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06:02 Hrs	49.69 Hz at 17:49 Hrs	50	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 13/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	7.52	58.59	360	280
Unit 9	7.24	114.67	320	281
Unit 10	6.86	116.58	300	278
Total	21.63	313.79		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.11	100.04	450	280
Unit 5	9.48	82.77	470	280
Total	18.60	199.86		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	40.96	0	0
Unit 8	4.34	54.40	195	164
Total	4.34	95.36		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	2.42	21.62	110	78
Unit 5	6.00	83.99	280	215
Unit 6	0.00	45.26	0	0
Unit 7	6.97	92.73	330	260
Unit 8	9.60	116.89	427	350
Unit 9	8.62	52.62	394	283
Total	33.60	424.64		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	4.07	49.82	202	140
Total	4.07	70.52		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	2.92	43.98	140	89
Unit 4	2.82	43.95	125	100
Unit 5	7.16	90.06	305	270
Total	12.89	237.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.72	18.19	190	124
Total	3.72	43.89		
Uran				
All Units	5.51	98.91	238	217
Total	5.51	98.91		
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)	0.39	5.34	24	0
Total	0.39	5.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.48	31.36	405	40
Stage 4	2.92	29.78	663	0
Stage 3	2.39	19.12	240	0
Total	8.79	80.26		
Hydro				
KDPH	0.86	1.16	36	36
VTRNA	0.37	0.78	60	0
TILLARI	0.99	1.82	45	40
BHIRA T.R.	0.44	5.00	40	0
SMLHY_PTN	4.82	71.55	209	192
GHATGHAR	0.66	7.69	250	0
Total	8.14	88.00		
Wind				
Total	35.26	410.06	0	0
Total	35.26	410.06		
CPP				
APML(Mus)	49.64	650.40	0	0
JSWEL(Mus)	13.73	177.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.38	306.72	0	0
SWPGPL-Mus	5.54	61.35	0	0
Other(Mus)	5.22	70.39	0	0
Total	98.51	1266.74		
SOLAR				
Total	5.48	72.20	0	0
Total	5.48	72.20		
Tata				
Trombay 5	6.05	116.50	259	247
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	20.80	114	63
Trombay 7B	1.30	11.24	67	50
Trombay 8	4.20	58.89	220	136
TATA Hydro	5.26	40.77	387	34
Total	18.61	248.20		
AEMIL				
DTPS U-1&2	9.74	140.16	499	286
Total	9.74	140.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.84	1385.17	MSPGCL Total	121.29	1652.34
			MSPGCL Thml+Gas	104.36	1484.08	Koyna 1,2 & 4 Total	6.40	61.15
			MSPGCL Hydro	16.93	168.26	State Total	288.89	3789.70

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Sep/2021

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	4158	360	229	4747	1581	4318	0	0	4600	4493	-965	14174	0	14174	1939	16113	50.02
2	3826	321	228	4375	1570	4365	0	0	4563	4507	-916	13901	0	13901	1828	15729	50.01
3	3800	323	236	4359	1448	4103	0	0	4702	4781	-894	13797	0	13797	1750	15547	50.01
4	3780	335	227	4342	1395	4067	0	0	4852	4795	-856	13743	0	13743	1688	15431	49.97
5	3872	654	226	4752	1227	4133	0	0	4838	4970	-854	14228	0	14228	1693	15921	49.99
6	4200	497	236	4933	1232	4311	0	0	5363	5424	-872	15028	0	15028	1757	16785	49.98
7	4283	674	237	5194	1128	4288	0	33	6434	6443	-847	16239	0	16239	1830	18069	49.99
8	4265	907	236	5408	889	4306	0	230	6899	6857	-797	16893	0	16893	2020	18913	50.00
9	4230	1018	227	5475	969	4305	0	463	6825	7187	-1022	17377	0	17377	2312	19689	50.01
10	4301	1033	228	5562	1042	4290	0	590	7051	6949	-1282	17151	0	17151	2617	19768	50.00
11	4244	768	237	5249	1245	4316	0	736	7360	7036	-1502	17080	0	17080	2831	19911	50.04
12	3984	545	226	4755	1332	4127	0	739	7563	7251	-1549	16655	0	16655	2871	19526	50.03
13	3873	561	225	4659	1567	4063	0	705	6839	6318	-1465	15847	0	15847	2782	18629	50.00
14	3884	544	227	4655	1806	3646	0	568	6564	6247	-1352	15570	0	15570	2622	18192	50.05
15	3888	514	226	4628	1903	3411	0	606	6526	6479	-1430	15597	0	15597	2596	18193	50.00
16	3924	499	217	4640	2019	3436	0	502	6570	6328	-1443	15482	0	15482	2574	18056	49.99
17	3939	601	227	4767	2085	3789	0	201	6201	6215	-1436	15621	0	15621	2533	18154	49.92
18	4292	455	225	4972	1972	4094	0	80	6355	5829	-1419	15528	0	15528	2543	18071	49.91
19	4356	1372	227	5955	1747	4141	0	22	5608	5479	-1165	16179	0	16179	2570	18749	50.01
20	4347	1440	238	6025	1667	4170	0	0	5743	5381	-1030	16213	0	16213	2524	18737	50.03
21	4379	981	227	5587	1425	4217	0	0	4999	5216	-913	15532	0	15532	2403	17935	50.01
22	4381	1207	226	5814	1404	4233	0	0	4670	4672	-837	15286	0	15286	2296	17582	50.01
23	4360	829	237	5426	1270	4199	0	0	4723	4611	-792	14714	0	14714	2193	16907	49.99
24	4278	495	236	5009	1339	4186	0	0	4867	4806	-901	14439	0	14439	2122	16561	49.99
MUs	98.84	16.93	5.51	121.29	35.26	98.51	0.00	5.47	140.72	138.27	-26.54	372.27	0.00	372.27	54.89	427.17	50.00

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 13/Sep/2021

Position as on 6.30 Hrs of 14/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.	
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 A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 1	210	11/09/2021	19.37		Continued.	Coal Shortage.	
MSPGCL	Uran Unit 5	108	12/09/2021	18.34	14/09/2021	16.43	Tripped on jerk	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 10	660	14/09/2021	00.36	14/09/2021	23.01	Electrical Fault	
MSPGCL	Uran Unit 6	108	14/09/2021	15.02		Continued.	Sparking at exciter.	
MSPGCL	Uran Unit B0	120	14/09/2021	15.08		Continued.	due to GT-8 tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 14/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
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
Koradi 2-IEPL	IntraState	12/09/2021	01.06	13/09/2021	15.36	PO	Line restoration From ERS To Normal
Karad-Jaigad - I	IntraState	13/09/2021	00.06	13/09/2021	08.44	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	13/09/2021	08.40	14/09/2021	10.08	PO	Replacement of IPS Tube(RFC 18.05Hrs)
Koradi-RattanIndia	IntraState	13/09/2021	15.59	13/09/2021	19.24	EO	Replacement of Flashover String
Karad - Jaigad - II	IntraState	14/09/2021	22.59		Continued.	HT	Over Voltage
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-3 @Padghe	IntraState	13/09/2021	15.15	13/09/2021	18.15	EO	Replacement of Broken R Phase Line Isolator
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)
Uran - Kharghar I	IntraState	12/09/2021	18.34	13/09/2021	08.50	T	Distance Protection
Roma-Bhavegar	IntraState	13/09/2021	05.33	13/09/2021	19.17	T	Distance Protection
Kadegaon-Miraj	IntraState	13/09/2021	09.30	13/09/2021	17.11	PO	String replacement
Khaparkheda-Kalmeshwar	IntraState	13/09/2021	10.36	13/09/2021	12.36	PO	Replacement of CT Jumper
Nanded-Nanded(Waghale) II	IntraState	13/09/2021	14.14	13/09/2021	17.57	T	Distance Protection
Hingoli- Girawali	IntraState	13/09/2021	18.18	14/09/2021	13.20	T	Distance Protection
Washala - Ghatghar	IntraState	14/09/2021	13.23	14/09/2021	14.12	T	Distance Protection

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