

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Sep/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.987	1475.154	1) Gujrat	-11.530	-153.207
2) Hydro	13.211	181.476	2) Madhya Pradesh	6.940	48.033
3) Gas	5.246	104.156	3) Chattisgarh	6.250	61.330
Total MSPGCL	108.444	1760.786	4) Maharashtra	141.438	2007.134
B) 1) APML	50.309	700.704	5) Goa (Amona)	-1.405	-13.029
2) JSWEL	13.786	191.675	Total	141.693	1950.261
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.990	350.983
4) RPL(AMT)	24.112	330.830	b) Mumbai Drawl	25.191	338.273
5) SWPGPL	5.754	67.102	c) MSEDCL Bilateral *	49.055	479.615
6) Other IPP	5.457	75.849	Include PX	19.908	79.389
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.990	350.983
C) 1) TPCL Thermal	10.311	185.706	Include PX	12.551	91.624
2) TPCL Hydro	6.467	47.234	Standby	0.000	0.000
3) TPCL Gas	3.082	35.116	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.645	150.805	1) MSEDCL	372.742	5269.572
D) STATE			2) Mumbai Discoms	55.696	757.138
1) Thermal	210.361	3177.825	TOTAL STATE	428.438	6026.710
(A1+C1+C4+(B1-B6))					
2) Hydro	19.678	228.710			
(A2+C2)					
3) Gas	8.328	139.272			
(A3+B7+C3)					
4) Wind	42.457	452.515			
6) SOLAR	5.921	78.123			
TOTAL STATE	286.745	4076.445			

* 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 4 Hrs
MSPGCL Thermal	3856	3524	3967	3875
MSPGCL Hydro	535	463	1587	281
MSPGCL Gas	227	225	212	237
MSPGCL Total Generation	4618	4212	5766	4393
Central Sector Receipt	7183	6063	6106	4560
WIND	1701	2232	1607	1559
CPP / IPP Thermal	4285	3891	4315	4218
CPP / IPP Gas	0	0	0	0
SOLAR	584	691	0	0
Exchange with Mumbai	-1215	-1419	-994	-921
MSEDCL DEMAND MET	17156	15670	16800	13809
Load Shedding	0	0	0	0
MSEDCL DEMAND	17156	15670	16800	13809
TPCL GENERATION	891	858	1074	572
AEML GENERATION	494	497	493	285
MUMBAI DEMAND	2600	2774	2561	1778
STATE DEMAND MET	19756	18444	19361	15587
STATE DEMAND	19756	18444	19361	15587
Frequency (Hz)	50.01	50.00	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08:01 Hrs	49.69 Hz at 17:41 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 14/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	7.69	66.28	425	265
Unit 9	6.80	121.47	300	280
Unit 10	0.22	116.80	172	0
Total	14.72	328.51		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.18	109.21	430	280
Unit 5	9.54	92.32	465	280
Total	18.72	218.58		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	40.96	0	0
Unit 8	4.29	58.69	196	153
Total	4.29	99.65		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	2.42	24.04	108	92
Unit 5	6.62	90.60	315	225
Unit 6	0.00	45.26	0	0
Unit 7	7.26	99.99	333	281
Unit 8	8.64	125.53	420	290
Unit 9	8.63	61.25	384	307
Total	33.57	458.20		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.50	53.32	196	101
Total	3.50	74.02		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.22	47.20	140	130
Unit 4	3.02	46.96	150	110
Unit 5	5.21	95.27	290	175
Total	11.45	248.56		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.74	21.93	190	124
Total	3.74	47.63		
Uran				
All Units	5.25	104.16	247	134
Total	5.25	104.16		
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)	0.48	5.82	24	3
Total	0.48	5.82		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.47	33.84	475	40
Stage 4	1.61	31.39	545	0
Stage 3	1.48	20.59	160	0
Total	5.55	85.82		
Hydro				
KDPH	0.86	2.03	36	36
VTRNA	0.94	1.72	60	0
TILLARI	0.14	1.96	45	0
BHIRA T.R.	0.44	5.44	40	0
SMLHY_PTN	4.79	76.34	208	192
GHATGHAR	0.49	8.18	250	0
Total	7.66	95.66		
Wind				
Total	42.46	452.52	0	0
Total	42.46	452.52		
CPP				
APML(Mus)	50.31	700.70	0	0
JSWEL(Mus)	13.79	191.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.11	330.83	0	0
SWPGPL-Mus	5.75	67.10	0	0
Other(Mus)	5.46	75.85	0	0
Total	99.42	1366.16		
SOLAR				
Total	5.92	78.12	0	0
Total	5.92	78.12		
Tata				
Trombay 5	5.95	122.45	249	247
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	22.58	113	59
Trombay 7B	1.30	12.54	66	48
Trombay 8	4.36	63.26	219	136
TATA Hydro	6.47	47.23	427	73
Total	19.86	268.06		
AEML				
DTPS U-1&2	10.64	150.80	498	285
Total	10.64	150.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	89.99	1475.15	MSPGCL Total	108.44	1760.79
			MSPGCL Thml+Gas	95.23	1579.31	Koyna 1,2 & 4 Total	4.08	65.22
			MSPGCL Hydro	13.21	181.48	State Total	286.74	4076.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	4073	537	227	4837	1476	4235	0	0	4452	4550	-1021	14077	0	14077	2032	16109	50.00
2	3895	431	227	4553	1569	4233	0	0	4476	4659	-964	14050	0	14050	1923	15973	50.03
3	3916	326	227	4469	1616	4175	0	0	4576	4557	-968	13849	0	13849	1829	15678	50.02
4	3875	281	237	4393	1559	4218	0	0	4702	4560	-921	13809	0	13809	1778	15587	50.02
5	3806	280	247	4333	1539	4226	0	0	4928	5050	-915	14233	0	14233	1769	16002	49.95
6	3828	277	227	4332	1597	4243	0	0	5599	5616	-713	15075	0	15075	1844	16919	49.99
7	3792	508	237	4537	1560	4217	0	42	6477	6547	-718	16185	0	16185	1912	18097	50.00
8	3768	708	227	4703	1475	4231	0	196	7181	7384	-804	17185	0	17185	2066	19251	50.03
9	3819	551	227	4597	1543	4313	0	441	7500	7303	-1010	17187	0	17187	2331	19518	50.05
10	3856	535	227	4618	1701	4285	0	584	7730	7183	-1215	17156	0	17156	2600	19756	50.01
11	3588	510	225	4323	1840	4092	0	688	7441	6904	-1416	16431	0	16431	2763	19194	49.98
12	3504	461	234	4199	1930	3957	0	720	7026	7144	-1471	16479	0	16479	2830	19309	49.99
13	3524	463	225	4212	2232	3891	0	691	6558	6063	-1419	15670	0	15670	2774	18444	50.00
14	3285	611	225	4121	2127	3567	0	822	5996	6086	-1341	15382	0	15382	2658	18040	49.98
15	3436	538	235	4209	2238	3529	0	759	5934	5967	-1352	15350	0	15350	2654	18004	49.96
16	3451	383	134	3968	2249	3856	0	506	6044	6001	-1264	15316	0	15316	2640	17956	49.98
17	3464	337	154	3955	2225	4069	0	344	6145	6072	-1151	15514	0	15514	2609	18123	49.96
18	3782	344	213	4339	2035	4303	0	122	6159	5903	-1115	15587	0	15587	2568	18155	49.80
19	3988	778	212	4978	1759	4354	0	6	6546	6449	-1052	16494	0	16494	2553	19047	49.92
20	3967	1587	212	5766	1607	4315	0	0	6080	6106	-994	16800	0	16800	2561	19361	49.97
21	3924	1118	215	5257	1511	4361	0	0	5548	5730	-897	15962	0	15962	2423	18385	49.99
22	3876	701	217	4794	1517	4269	0	0	5611	5799	-803	15576	0	15576	2304	17880	50.01
23	3876	521	218	4615	1740	4275	0	0	5316	5099	-747	14982	0	14982	2178	17160	50.03
24	3694	425	217	4336	1812	4204	0	0	5587	4961	-920	14393	0	14393	2097	16490	50.00
MUs	89.99	13.21	5.25	108.44	42.46	99.42	0.00	5.92	143.61	141.69	-25.19	372.74	0.00	372.74	55.70	428.44	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 14/Sep/2021

Position as on 6.30 Hrs of 15/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	15/09/2021	09.57	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	15/09/2021	21.43	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	15/09/2021	22.21	due to GT-8 tripped.	
MSPGCL	Koradi Unit 9	660	15/09/2021	05.19		Continued.	Air pre-heater work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Sep/2021

Position as on 6.30 Hrs of 15/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-4	660	15/09/2021	08.05	15/09/2021	12.32	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	11.16	15/09/2021	15.19	Furnace Pressure High	
MSPGCL	Uran Unit 8	108	15/09/2021	15.08	15/09/2021	17.28	Generator protection due to excitation fault.	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 15/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- Bableshtar - I	IntraState	04/09/2021	06.37		Continued.	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshtar - II	IntraState	04/09/2021	06.40		Continued.	PO	Samruddhi expressway crossing tower erection work.
Khadka-Aurangabad (Waluj)	IntraState	09/09/2021	20.06	15/09/2021	08.41	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)
Karad - Jaigad - II	IntraState	14/09/2021	22.59	15/09/2021	08.55	HT	Over Voltage
Akola - Bhusawal	IntraState	15/09/2021	08.56	15/09/2021	14.15	PO	Fixing of snapped Earth wire
N.Koyna-Karad -Ckt II	IntraState	15/09/2021	12.22	15/09/2021	13.06	EO	To attend PG Isolator problem
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.
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)
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
Wardha-Dhamangaon	IntraState	15/09/2021	09.37	15/09/2021	15.39	PO	Testing Work
Uran - Apta III	IntraState	15/09/2021	10.08	15/09/2021	16.37	PO	Testing Work
Kandalgaon - Bhira	IntraState	15/09/2021	15.07	15/09/2021	18.37	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	15/09/2021	15.59	15/09/2021	18.39	EO	To attend Hot Spot
Uran - Hoc 1	IntraState	15/09/2021	16.45	15/09/2021	17.42	PO	Testing Work
Pusad - Hingoli	IntraState	15/09/2021	22.28	15/09/2021	22.50	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	15/09/2021	10.05	15/09/2021	12.14	EO	HV R phase bushing tan delta point gasket leakage attending work.

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