

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Sep/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.457	1286.323	1) Gujrat	-7.484	-133.436
2) Hydro	12.528	151.332	2) Madhya Pradesh	6.115	34.478
3) Gas	5.017	93.399	3) Chattisgarh	4.480	50.000
Total MSPGCL	112.002	1531.054	4) Maharashtra	135.966	1729.360
B) 1) APLM	48.291	600.753	5) Goa (Amona)	-1.338	-10.108
2) JSWEL	12.973	164.161	Total	137.739	1670.294
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.760	298.243
4) RPL(AMT)	21.856	282.336	b) Mumbai Drawl	21.964	286.543
5) SWPGPL	5.353	55.805	c) MSEDCL Bilateral *	40.169	393.753
6) Other IPP	4.849	65.173	Include PX	11.499	52.237
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.760	298.243
C) 1) TPCL Thermal	10.625	165.141	Include PX	6.049	68.328
2) TPCL Hydro	1.730	35.503	Standby	0.000	0.000
3) TPCL Gas	3.923	28.939	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.952	130.418	1) MSEDCL	366.340	4524.556
D) STATE			2) Mumbai Discoms	48.194	646.548
1) Thermal	208.356	2750.110	TOTAL STATE	414.534	5171.104
(A1+C1+C4+(B1-B6))					
2) Hydro	14.258	186.835			
(A2+C2)					
3) Gas	8.940	122.338			
(A3+B7+C3)					
4) Wind	39.644	374.796			
6) SOLAR	5.597	66.727			
TOTAL STATE	276.795	3500.806			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3882	3822	4057	3934
MSPGCL Hydro	604	481	1013	262
MSPGCL Gas	225	212	148	211
MSPGCL Total Generation	4711	4515	5218	4407
Central Sector Receipt	6431	6471	5929	4835
WIND	1661	1656	1785	1834
CPP / IPP Thermal	3868	3329	4374	3547
CPP / IPP Gas	0	0	0	0
SOLAR	712	690	0	0
Exchange with Mumbai	-961	-1021	-815	-770
MSEDCL DEMAND MET	16422	15640	16491	13853
Load Shedding	0	0	0	0
MSEDCL DEMAND	16422	15640	16491	13853
TPCL GENERATION	755	716	923	507
AEML GENERATION	493	489	492	411
MUMBAI DEMAND	2209	2226	2230	1688
STATE DEMAND MET	18630	17866	18721	15541
STATE DEMAND	18630	17866	18721	15541
Frequency (Hz)	50.04	50.05	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.07 Hrs	49.81 Hz at 18.36 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 12/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	6.87	51.06	303	251
Unit 9	6.89	107.43	300	275
Unit 10	6.66	109.72	285	270
Total	20.42	292.16		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	7.10	90.92	425	205
Unit 5	8.26	73.28	475	280
Total	15.36	181.26		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	40.96	0	0
Unit 8	4.15	50.06	191	162
Total	4.15	91.02		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	2.26	19.20	115	75
Unit 5	5.84	77.99	251	215
Unit 6	0.00	45.26	0	0
Unit 7	6.87	85.76	295	269
Unit 8	8.24	107.29	382	280
Unit 9	8.40	44.00	400	284
Total	31.62	391.03		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.78	45.75	230	141
Total	3.78	66.46		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	1.67	34.67	105	0
Unit 3	2.88	41.07	135	93
Unit 4	3.03	41.13	140	90
Unit 5	8.17	82.90	400	285
Total	15.75	224.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.38	14.48	188	121
Total	3.38	40.17		
Uran				
All Units	5.02	93.40	230	148
Total	5.02	93.40		
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)	0.36	4.95	25	0
Total	0.36	4.95		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.06	27.89	370	40
Stage 4	0.87	26.86	493	0
Stage 3	1.41	16.72	160	0
Total	5.34	71.47		
Hydro				
KDPH	0.30	0.30	36	0
VTRNA	0.00	0.41	0	0
TILLARI	0.84	0.84	60	0
BHIRA T.R.	0.40	4.56	40	0
SMLHY_PTN	5.27	66.72	230	205
GHATGHAR	0.38	7.03	225	0
Total	7.18	79.86		
Wind				
Total	39.64	374.80	0	0
Total	39.64	374.80		
CPP				
APML(Mus)	48.29	600.75	0	0
JSWEL(Mus)	12.97	164.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.86	282.34	0	0
SWPGPL-Mus	5.35	55.80	0	0
Other(Mus)	4.85	65.17	0	0
Total	93.32	1168.23		
SOLAR				
Total	5.60	66.73	0	0
Total	5.60	66.73		
Tata				
Trombay 5	6.73	110.45	416	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.43	19.00	114	62
Trombay 7B	1.50	9.94	67	49
Trombay 8	3.89	54.69	214	136
TATA Hydro	1.73	35.50	148	2
Total	16.28	229.58		
AEML				
DTPS U-1&2	9.95	130.42	496	285
Total	9.95	130.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.46	1286.32	MSPGCL Total	112.00	1531.05
			MSPGCL Thml+Gas	99.47	1379.72	Koyna 1,2 & 4 Total	3.94	54.75
			MSPGCL Hydro	12.53	151.33	State Total	276.80	3500.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	3780	284	208	4272	2037	3475	0	0	5058	5100	-897	13987	0	13987	1964	15951	49.96
2	3674	485	208	4367	1928	3373	0	0	4611	5007	-812	13863	0	13863	1844	15707	49.95
3	3872	467	208	4547	1856	3522	0	0	4518	4870	-743	14052	0	14052	1748	15800	49.99
4	3934	262	211	4407	1834	3547	0	0	4476	4835	-770	13853	0	13853	1688	15541	50.00
5	3958	326	208	4492	1691	3834	0	0	4645	5091	-892	14216	0	14216	1688	15904	50.01
6	4086	462	210	4758	1576	4202	0	0	4928	5465	-938	15062	0	15062	1744	16806	50.00
7	4248	515	211	4974	1629	4205	0	46	5750	6042	-815	16081	0	16081	1788	17869	50.01
8	4155	436	214	4805	1652	4186	0	270	6015	6303	-578	16638	0	16638	1899	18537	50.03
9	4159	445	210	4814	1809	4056	0	479	6060	6114	-634	16638	0	16638	1985	18623	50.08
10	3934	510	212	4656	1806	3780	0	508	6354	6513	-869	16394	0	16394	2108	18502	49.99
11	3882	604	225	4711	1661	3868	0	712	5971	6431	-961	16422	0	16422	2209	18630	50.04
12	3846	497	212	4555	1518	3782	0	714	6245	6281	-1001	15849	0	15849	2254	18103	49.99
13	3822	481	212	4515	1656	3329	0	690	6355	6471	-1021	15640	0	15640	2226	17866	50.05
14	3668	435	211	4314	1629	3297	0	674	6053	6242	-1059	15097	0	15097	2123	17220	50.09
15	3653	451	211	4315	1672	3348	0	516	5909	6285	-1026	15110	0	15110	2068	17178	50.00
16	3782	367	210	4359	1616	3606	0	529	6127	5941	-1012	15040	0	15040	2061	17100	50.01
17	3756	470	211	4437	1532	3740	0	330	6033	6106	-970	15174	0	15174	2032	17206	49.99
18	3770	657	211	4638	1509	4081	0	118	6024	6152	-957	15541	0	15541	2033	17574	49.95
19	3971	1420	180	5571	1537	4309	0	11	5716	5388	-797	16019	0	16019	2134	18153	49.97
20	4057	1013	148	5218	1785	4374	0	0	6230	5929	-815	16491	0	16491	2230	18721	50.01
21	3952	422	208	4582	1755	4353	0	0	6180	5861	-1119	15432	0	15432	2176	17608	49.99
22	4117	697	219	5033	1449	4387	0	0	5313	5248	-1154	14963	0	14963	2138	17101	49.98
23	4187	411	230	4828	1207	4312	0	0	5148	5221	-1082	14486	0	14486	2068	16554	50.00
24	4194	411	229	4834	1300	4357	0	0	5079	4843	-1042	14292	0	14292	1986	16278	50.00
MUs	94.46	12.53	5.02	112.00	39.64	93.32	0.00	5.60	134.80	137.74	-21.96	366.34	0.00	366.34	48.19	414.53	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 12/Sep/2021

Position as on 6.30 Hrs of 13/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 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	Khaparkhedha 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	Khaparkhedha Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 13/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- 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		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		Continued.	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
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)
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	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		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	11/09/2021	10.07	12/09/2021	12.46	PO	HV Equipment isolator work.

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