

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Sep/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.536	984.578	1) Gujrat	-13.486	-101.384
2) Hydro	10.815	118.233	2) Madhya Pradesh	4.111	19.534
3) Gas	7.897	78.283	3) Chattisgarh	5.160	36.240
Total MSPGCL	122.248	1181.094	4) Maharashtra	132.300	1340.766
B) 1) APML	46.544	459.867	5) Goa (Amona)	-1.077	-7.300
2) JSWEL	12.210	124.645	Total	127.008	1287.856
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.573	224.450
4) RPL(AMT)	18.875	220.606	b) Mumbai Drawl	23.787	212.778
5) SWPGPL	2.826	42.998	c) MSEDCL Bilateral *	27.049	295.049
6) Other IPP	4.684	50.953	Include PX	0.249	37.823
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.573	224.450
C) 1) TPCL Thermal	14.524	133.318	Include PX	4.347	50.940
2) TPCL Hydro	2.657	31.454	Standby	0.000	0.000
3) TPCL Gas	3.910	16.957	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.942	101.343	1) MSEDCL	368.754	3444.990
D) STATE			2) Mumbai Discoms	55.819	495.854
1) Thermal	214.141	2118.308	TOTAL STATE	424.573	3940.844
(A1+C1+C4+(B1-B6))					
2) Hydro	13.472	149.687			
(A2+C2)					
3) Gas	11.807	95.240			
(A3+B7+C3)					
4) Wind	51.400	241.783			
6) SOLAR	6.746	47.966			
TOTAL STATE	297.566	2652.984			

* 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	4500	3970	4816	4044
MSPGCL Hydro	292	551	967	348
MSPGCL Gas	336	365	371	266
MSPGCL Total Generation	5128	4886	6154	4658
Central Sector Receipt	5934	5400	5645	4597
WIND	2273	2421	1856	2123
CPP / IPP Thermal	3786	2744	4191	2940
CPP / IPP Gas	0	0	0	0
SOLAR	732	914	0	0
Exchange with Mumbai	-1230	-1237	-924	-511
MSEDCL DEMAND MET	16623	15128	16922	13807
Load Shedding	0	0	0	0
MSEDCL DEMAND	16623	15128	16922	13807
TPCL GENERATION	928	1102	1159	783
AEML GENERATION	480	500	492	493
MUMBAI DEMAND	2638	2839	2575	1787
STATE DEMAND MET	19261	17967	19497	15594
STATE DEMAND	19261	17967	19497	15594
Frequency (Hz)	49.98	50.03	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.76 Hz at 16.50 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 09/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	9.43	26.28	449	358
Unit 9	9.48	82.98	468	340
Unit 10	9.99	86.18	511	350
Total	28.90	219.39		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	7.70	68.62	405	280
Unit 5	7.88	49.14	440	280
Total	15.58	134.80		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	3.24	40.96	184	0
Unit 8	3.80	37.64	181	124
Total	7.04	78.60		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	15.71	0	0
Unit 5	5.41	59.23	251	200
Unit 6	2.58	45.26	230	0
Unit 7	6.90	64.67	315	252
Unit 8	8.30	81.87	420	276
Unit 9	8.22	18.70	431	271
Total	31.40	296.96		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.35	34.68	158	92
Total	3.35	55.38		
Khaparkheda				
Unit 1	2.68	20.01	125	105
Unit 2	2.80	28.04	130	110
Unit 3	3.42	31.74	165	130
Unit 4	3.38	31.74	165	130
Unit 5	1.59	57.66	334	0
Total	13.87	169.19		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.39	4.56	183	125
Total	3.39	30.25		
Uran				
All Units	7.90	78.28	380	247
Total	7.90	78.28		
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)	0.54	3.88	23	22
Total	0.54	3.88		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.21	20.98	445	40
Stage 4	0.56	24.54	204	0
Stage 3	1.09	13.02	80	0
Total	3.86	58.54		
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.	0.38	3.43	40	0
SMLHY_PTN	5.46	50.39	250	215
GHATGHAR	1.11	5.88	250	0
Total	6.95	59.70		
Wind				
Total	51.40	241.78	0	0
Total	51.40	241.78		
CPP				
APML(Mus)	46.54	459.87	0	0
JSWEL(Mus)	12.21	124.64	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.88	220.61	0	0
SWPGPL-Mus	2.83	43.00	0	0
Other(Mus)	4.68	50.95	0	0
Total	85.14	899.07		
SOLAR				
Total	6.75	47.97	0	0
Total	6.75	47.97		
Tata				
Trombay 5	9.69	90.27	472	256
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	11.56	117	65
Trombay 7B	1.50	5.40	68	52
Trombay 8	4.83	43.05	224	135
TATA Hydro	2.66	31.45	334	0
Total	21.09	181.73		
AEML				
DTPS U-1&2	10.94	101.34	502	285
Total	10.94	101.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.54	984.58	MSPGCL Total	122.25	1181.09
			MSPGCL Thml+Gas	111.43	1062.86	Koyna 1,2 & 4 Total	2.77	45.52
			MSPGCL Hydro	10.82	118.23	State Total	297.57	2652.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	4166	345	256	4767	2336	3481	0	0	4769	4396	-633	14347	0	14347	1989	16336	49.98
2	4050	353	247	4650	2199	3270	0	0	4935	4269	-514	13874	0	13874	1867	15741	50.04
3	4044	348	266	4658	2123	2940	0	0	4734	4597	-511	13807	0	13807	1787	15594	49.99
4	4085	335	270	4690	2159	2942	0	0	4595	4799	-628	13962	0	13962	1712	15674	49.93
5	4300	348	247	4895	2071	3324	0	0	4885	4994	-793	14491	0	14491	1688	16179	49.97
6	4506	340	269	5115	1973	3834	0	0	5227	5226	-935	15213	0	15213	1743	16956	49.98
7	4837	378	298	5513	1927	4203	0	31	5663	5397	-969	16102	0	16102	1835	17937	49.96
8	4838	543	303	5684	1796	4265	0	188	6013	5851	-793	16991	0	16991	2055	19046	50.00
9	4661	483	305	5449	1969	4165	0	516	6582	5888	-1312	16675	0	16675	2333	19008	50.01
10	4500	292	336	5128	2273	3786	0	732	6564	5934	-1230	16623	0	16623	2638	19261	49.98
11	4139	395	355	4889	2374	3155	0	757	6778	6358	-1230	16303	0	16303	2818	19121	50.01
12	3992	557	365	4914	2304	2796	0	808	6769	6076	-1198	15700	0	15700	2878	18578	50.02
13	3970	551	365	4886	2421	2744	0	914	5774	5400	-1237	15128	0	15128	2839	17967	50.03
14	3927	438	363	4728	2459	2812	0	859	5335	5378	-1393	14843	0	14843	2685	17528	50.03
15	3850	476	358	4684	2484	2988	0	761	5299	5274	-1482	14709	0	14709	2679	17388	49.99
16	3858	309	370	4537	2498	3203	0	680	5886	5386	-1345	14959	0	14959	2689	17648	50.01
17	3826	327	358	4511	2585	3069	0	358	6080	5767	-1189	15101	0	15101	2656	17757	49.94
18	4055	597	367	5019	2434	3194	0	135	5691	5511	-1025	15268	0	15268	2607	17875	49.95
19	4674	792	369	5835	2194	3949	0	7	5218	5212	-954	16243	0	16243	2567	18810	49.96
20	4816	967	371	6154	1856	4191	0	0	5810	5645	-924	16922	0	16922	2575	19497	49.96
21	4702	600	380	5682	1728	4253	0	0	5451	5420	-847	16236	0	16236	2448	18684	50.00
22	4688	372	355	5415	1718	4275	0	0	5093	5206	-848	15766	0	15766	2348	18114	50.00
23	4647	369	371	5387	1808	4213	0	0	4884	4455	-868	14995	0	14995	2229	17224	49.96
24	4405	300	353	5058	1711	4087	0	0	4865	4569	-929	14496	0	14496	2155	16651	50.00
MUs	103.54	10.82	7.90	122.25	51.40	85.14	0.00	6.75	132.90	127.01	-23.79	368.75	0.00	368.75	55.82	424.57	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 09/Sep/2021

Position as on 6.30 Hrs of 10/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	
MSPGCL	Khaparkheda Unit 5	500	06/09/2021	15.29	09/09/2021	17.28	Boiler Tube Leakage	
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		Continued.	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	Uran Unit 8	108	08/09/2021	16.14	09/09/2021	02.33	Due to Y-Phase jumper broken at Transco side fault.	
IPP	RPL(AMT) U-3	270	09/09/2021	09.30	09/09/2021	13.00	Turbine Vibration High.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 10/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	09/09/2021	10.50	09/09/2021	18.49	EO	For checking healthiness DC supply circuit and Tripping circuit.
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	08/09/2021	22.06	09/09/2021	07.35	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	09/09/2021	08.35	09/09/2021	16.18	PO	Routine Maintenance Work
Chandrapur-II - Nanded ckt II	IntraState	09/09/2021	13.05	09/09/2021	19.51	PO	For CB DCRM, CT Tan-d, Line CVT Tan-d & Bay Maintenance.
Nagothane - Dabhol I	IntraState	09/09/2021	13.19	09/09/2021	18.02	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	09/09/2021	20.06		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/09/2021	22.33		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 1 @Parali (Girwali)	IntraState	09/09/2021	09.45	09/09/2021	17.03	PO	1) REF relay testing and IV side CT testing work.2) Bay maintenance work.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	09/09/2021	10.41	09/09/2021	19.42	PO	Annual Testing & Maintenance work. Also CTR fire protection system work.
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.
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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	07/09/2021	23.48	09/09/2021	06.15	HT	To control line loading of 220kv Nasik-Bableshwar ckt.
Raymond - Washala	IntraState	03/09/2021	09.50	09/09/2021	04.39	PO	Samruddhi highway project work
Kandalgaon - Sona Alloys	IntraState	08/09/2021	21.16	09/09/2021	15.00	T	Distance Protection
Raymond - Washala	IntraState	09/09/2021	05.25	09/09/2021	12.58	T	Distance Protection
Lonand Sona Alloys	IntraState	09/09/2021	11.15	09/09/2021	12.38	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	09/09/2021	11.15	09/09/2021	15.00	T	Distance Protection
Phursungi-Serum	IntraState	09/09/2021	15.43	09/09/2021	18.32	EO	Pilot string disconnected from clamp Hence Chattering & sparking at that point due to jump moving Local citizen call due to heavy chattering & sparking.
Kharghar-Borivali ckt II	IntraState	10/09/2021	04.29	10/09/2021	10.20	T	Cable Fault Kalwa Complex.
220 KV ICT Outages/Trippings							
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	09/09/2021	09.35	09/09/2021	13.13	PO	For attending oil leakage from HV R phase Terrait.
220/100 Kv 100 MVA ICT II @Vasai-li	IntraState	09/09/2021	11.50	09/09/2021	17.51	PO	For Diagnostic Testing work & LV CB repair at 220kV Vasai S/S end & Relay commissioning work on 100kV Vasai line-2 at 100kV Vasai S/S end.
220/100 Kv 200 MVA ICT-II	IntraState	09/09/2021	13.19	09/09/2021	17.01	EO	Hot spot attending work at HV

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 09/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 10/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Trombay							side 'B' Phase CT clamp (Temp=109 degree) & LV side 'Y' Phase breaker top pad nut- bolt(146 degree).
220/33kV 125 MVA Transformer 2 @REL Borivali	IntraState	10/09/2021	23.10		Continued.	T	Differential protection