

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Sep/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.009	2617.137	1) Gujrat	-8.026	-239.473
2) Hydro	24.710	439.522	2) Madhya Pradesh	13.372	180.378
3) Gas	5.678	163.994	3) Chattisgarh	5.130	124.990
Total MSPGCL	139.397	3220.653	4) Maharashtra	152.969	3662.832
B) 1) APML	47.467	1229.417	5) Goa (Amona)	-1.284	-27.251
2) JSWEL	12.649	329.435	Total	162.161	3701.476
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.921	626.269
4) RPL(AMT)	18.714	570.302	b) Mumbai Drawl	20.775	593.611
5) SWPGPL	6.164	134.612	c) MSEDCL Bilateral *	57.489	1084.882
6) Other IPP	4.987	140.267	Include PX	28.973	362.134
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.921	626.269
C) 1) TPCL Thermal	16.479	341.153	Include PX	8.611	218.312
2) TPCL Hydro	4.187	96.806	Standby	0.000	0.000
3) TPCL Gas	2.935	69.962	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.002	277.789	1) MSEDCL	388.570	9563.808
D) STATE			2) Mumbai Discoms	56.377	1379.322
1) Thermal	227.471	5640.112	TOTAL STATE	444.947	10943.130
(A1+C1+C4+(B1-B6))					
2) Hydro	28.897	536.328			
(A2+C2)					
3) Gas	8.613	233.956			
(A3+B7+C3)					
4) Wind	12.636	686.548			
6) SOLAR	5.170	144.709			
TOTAL STATE	282.787	7241.653			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	4499	4576	4894	4212
MSPGCL Hydro	701	445	1448	1104
MSPGCL Gas	248	236	302	240
MSPGCL Total Generation	5448	5257	6644	5556
Central Sector Receipt	8562	8127	6990	5083
WIND	309	281	807	573
CPP / IPP Thermal	3678	3529	3936	3863
CPP / IPP Gas	0	0	0	0
SOLAR	516	653	5	0
Exchange with Mumbai	-1075	-1314	-912	-505
MSEDCL DEMAND MET	17438	16533	17470	14570
Load Shedding	0	0	0	0
MSEDCL DEMAND	17438	16533	17470	14570
TPCL GENERATION	968	912	1178	1012
AEML GENERATION	500	502	501	500
MUMBAI DEMAND	2543	2728	2591	2017
STATE DEMAND MET	19981	19261	20061	16587
STATE DEMAND	19981	19261	20061	16587
Frequency (Hz)	50.05	50.03	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:02 Hrs	49.84 Hz at 23:20 Hrs	50.02	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 25/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.20	51.02	175	15
Unit 7	0.00	0.00	0	0
Unit 8	10.10	191.46	563	300
Unit 9	0.00	123.23	0	0
Unit 10	8.87	221.84	371	365
Total	22.17	587.55		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.82	210.72	450	380
Unit 5	9.59	153.00	445	360
Total	19.41	380.78		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.52	87.68	249	176
Unit 8	4.34	108.37	202	154
Total	8.87	196.05		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	5.12	151.98	250	173
Unit 6	4.72	103.16	240	65
Unit 7	6.54	175.89	290	260
Unit 8	6.73	213.37	360	232
Unit 9	6.42	146.28	356	226
Total	29.52	828.12		
Paras				
Unit 3	3.00	25.82	200	0
Unit 4	4.17	98.66	190	146
Total	7.18	124.47		
Khaparkheda				
Unit 1	2.28	27.45	120	70
Unit 2	2.49	38.29	125	90
Unit 3	3.22	81.83	145	130
Unit 4	2.96	81.40	135	110
Unit 5	7.14	169.05	320	270
Total	18.11	398.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.76	62.48	181	124
Unit 5	0.00	39.67	0	0
Total	3.76	102.15		
Uran				
All Units	5.68	163.99	308	199
Total	5.68	163.99		
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)	0.02	7.64	25	0
Total	0.02	7.64		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.90	86.88	515	40
Stage 4	9.42	120.26	1000	0
Stage 3	3.27	53.19	320	0
Total	16.59	260.34		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.43	6.86	60	0
TILLARI	0.88	6.49	60	0
BHIRA T.R.	0.35	9.53	40	0
SMLHY_PTN	5.86	135.20	262	225
GHATGHAR	0.60	16.66	215	0
Total	8.12	179.18		
Wind				
Total	12.64	686.55	0	0
Total	12.64	686.55		
CPP				
APML(Mus)	47.47	1229.42	0	0
JSWEL(Mus)	12.65	329.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.71	570.30	0	0
SWPGPL-Mus	6.16	134.61	0	0
Other(Mus)	4.99	140.27	0	0
Total	89.98	2404.03		
SOLAR				
Total	5.17	144.71	0	0
Total	5.17	144.71		
Tata				
Trombay 5	11.11	223.18	481	434
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.71	43.29	115	54
Trombay 7B	1.23	26.67	67	44
Trombay 8	5.36	117.97	226	222
TATA Hydro	4.19	96.81	414	0
Total	23.60	507.92		
AEML				
DTPS U-1&2	12.00	277.79	503	496
Total	12.00	277.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.01	2617.14	MSPGCL Total	139.40	3220.65
			MSPGCL Thml+Gas	114.69	2781.13	Koyna 1,2 & 4 Total	13.32	207.15
			MSPGCL Hydro	24.71	439.52	State Total	282.79	7241.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4245	950	230	5425	660	3873	0	0	5323	5247	-645	14560	0	14560	2164	16724	50.00
2	4212	1104	240	5556	573	3863	0	0	5220	5083	-505	14570	0	14570	2017	16587	50.03
3	4232	835	240	5307	623	3800	0	0	5374	5440	-477	14693	0	14693	1912	16605	50.01
4	4272	628	240	5140	573	3761	0	0	5605	5894	-481	14887	0	14887	1830	16717	50.00
5	4305	607	240	5152	515	3683	0	0	6062	6042	-445	14947	0	14947	1822	16769	49.99
6	4374	1147	231	5752	472	3634	0	0	6405	6456	-474	15840	0	15840	1878	17718	50.00
7	4390	1375	241	6006	497	3715	0	17	7168	6999	-618	16616	0	16616	1930	18546	50.01
8	4354	1685	240	6279	333	3774	0	122	7593	7595	-698	17405	0	17405	2045	19450	50.02
9	4415	1379	230	6024	258	3755	0	320	7888	8035	-863	17529	0	17529	2268	19797	50.06
10	4499	701	248	5448	309	3678	0	516	8650	8562	-1075	17438	0	17438	2543	19981	50.05
11	4453	660	228	5341	294	3595	0	644	8865	8425	-1238	17061	0	17061	2746	19807	50.05
12	4504	663	226	5393	246	3396	0	762	8407	8172	-1341	16628	0	16628	2791	19419	50.03
13	4576	445	236	5257	281	3529	0	653	7896	8127	-1314	16533	0	16533	2728	19261	50.03
14	4589	433	225	5247	239	3668	0	699	7731	7571	-1229	16195	0	16195	2601	18796	50.09
15	4593	383	224	5200	334	3631	0	630	7977	7967	-1209	16553	0	16553	2626	19179	50.03
16	4609	447	225	5281	481	3738	0	506	7759	7513	-1169	16350	0	16350	2617	18967	50.01
17	4632	436	216	5284	673	3791	0	232	7724	7662	-1135	16507	0	16507	2597	19104	50.01
18	4625	1099	229	5953	774	3821	0	64	7238	6849	-938	16523	0	16523	2570	19093	50.05
19	4894	1448	302	6644	807	3936	0	5	6937	6990	-912	17470	0	17470	2591	20061	50.02
20	4997	1769	308	7074	852	3899	0	0	6702	6516	-903	17438	0	17438	2620	20058	50.05
21	5146	1625	232	7003	790	3903	0	0	5586	5541	-826	16411	0	16411	2514	18925	50.04
22	4833	1867	229	6929	709	3848	0	0	5142	5205	-788	15903	0	15903	2405	18308	50.01
23	4665	1729	219	6613	675	3916	0	0	5283	5155	-748	15611	0	15611	2299	17910	49.99
24	4595	1295	199	6089	668	3774	0	0	5184	5115	-744	14902	0	14902	2264	17166	49.99
MUs	109.01	24.71	5.68	139.40	12.64	89.98	0.00	5.17	163.72	162.16	-20.78	388.57	0.00	388.57	56.38	444.95	50.02

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 25/Sep/2021

Position as on 6.30 Hrs of 26/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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.	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 9	660	15/09/2021	05.19	26/09/2021	19.12	Air pre-heater work.	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Uran Unit 5	108	17/09/2021	12.09	25/09/2021	17.53	Tripped On Under exciter Protection.	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
MSPGCL	Paras Unit 3	250	21/09/2021	21.30	25/09/2021	03.45	Turbine bearing Vabration high	
IPP	RPL(AMT) U-3	270	22/09/2021	03.54		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,28.09.2021)	
MSPGCL	Uran Unit 5	108	25/09/2021	20.04	26/09/2021	18.17	Gas shortage	
MSPGCL	Koradi Unit 6	210	25/09/2021	23.15	26/09/2021	02.06	Flame Failure	
MSPGCL	Paras Unit 4	250	26/09/2021	07.47		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	26/09/2021	20.23		Continued.	Gas shortage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 26/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
Koradi Satpur	InterState	25/09/2021	11.06	25/09/2021	23.58	PO	Line Maintenance work
Bhusawal-Aurangabad	IntraState	24/09/2021	20.22	25/09/2021	09.30	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	25/09/2021	00.14	25/09/2021	11.11	T	Distance Protection
Karad - Talandge Ckt 2	IntraState	25/09/2021	09.55	25/09/2021	14.36	EO	Attending Hot Spot
Khadka- Deepnagar Ckt 1	IntraState	25/09/2021	10.03	25/09/2021	19.02	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	25/09/2021	20.27		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	26/09/2021	07.00		Continued.	PO	For for height raising work across.
koaradi II - Wardha(PG)	IntraState	26/09/2021	07.29		Continued.	PO	For for height raising work across Samruddhi highway at chainage No.23+650 (tower no 192 & 193)
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)
Uran - Kharghar I	IntraState	20/09/2021	15.24	25/09/2021	12.42	PO	Cable charging and connection (RFC 02.15)
Nadgaonpeth-Amravati	IntraState	25/09/2021	06.56	25/09/2021	11.58	EO	To attend Hot Spot
Dondaicha- Shahada	IntraState	25/09/2021	10.16	25/09/2021	18.07	PO	Replacement of Jumper CT
Theur-Jejuri	IntraState	25/09/2021	10.52	25/09/2021	14.34	PO	Half yearly maintenance work
Badnera - Nandgaonpeth	IntraState	25/09/2021	12.08	25/09/2021	14.56	PO	Line Maintenance work
PANDHARPUR BHALVANI	IntraState	25/09/2021	13.53	25/09/2021	14.50	EO	Emergency Tree cutting
PAL DOMBIVALI - PALAVA	IntraState	26/09/2021	10.20	26/09/2021	13.15	PO	Providing Additional Jumpers To Cut-point locations.
Urse-Chinchwad (ST tap)	IntraState	26/09/2021	13.40	26/09/2021	19.55	PO	Relay Testing Work.
Tata Borivli MSETCL Borivli 4	IntraState	26/09/2021	20.49		Continued.	PO	for shifting to Spare bay in GIS.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	25/09/2021	11.35	25/09/2021	17.32	PO	Attending Oil Leakage
220/22kv 100MVA T/F-I @ Nalasopara	IntraState	26/09/2021	10.16	26/09/2021	13.05	PO	Replacement of deteriorated HV Breaker to Isolator-D Y-phase Jumper & also attending hot Spot of LV-2 B-Ph drop jumper.

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