

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Sep/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.711	2848.468	1) Gujrat	-8.339	-255.709
2) Hydro	11.563	467.596	2) Madhya Pradesh	5.649	196.236
3) Gas	5.041	174.413	3) Chattisgarh	5.180	134.580
Total MSPGCL	135.315	3490.477	4) Maharashtra	156.006	3969.160
B) 1) APML	46.895	1323.089	5) Goa (Amona)	-0.927	-28.831
2) JSWEL	13.977	357.222	Total	157.569	4015.436
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.647	672.162
4) RPL(AMT)	18.421	607.857	b) Mumbai Drawl	23.493	636.873
5) SWPGPL	5.828	146.448	c) MSEDCL Bilateral *	54.292	1196.222
6) Other IPP	4.829	149.973	Include PX	24.779	415.322
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.647	672.162
C) 1) TPCL Thermal	14.977	371.206	Include PX	5.378	231.185
2) TPCL Hydro	4.918	104.445	Standby	0.000	0.000
3) TPCL Gas	2.303	74.757	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.311	300.083	1) MSEDCL	380.262	10322.020
D) STATE			2) Mumbai Discoms	57.002	1487.365
1) Thermal	234.949	6104.346	TOTAL STATE	437.264	11809.385
(A1+C1+C4+(B1-B6))					
2) Hydro	16.481	572.041			
(A2+C2)					
3) Gas	7.344	249.170			
(A3+B7+C3)					
4) Wind	16.689	714.581			
6) SOLAR	4.232	153.810			
TOTAL STATE	279.695	7793.948			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5239	4928	5224	4830
MSPGCL Hydro	479	432	845	295
MSPGCL Gas	231	188	238	211
MSPGCL Total Generation	5949	5548	6307	5336
Central Sector Receipt	8108	7056	6636	4874
WIND	213	842	1187	603
CPP / IPP Thermal	3816	3842	3959	3661
CPP / IPP Gas	0	0	0	0
SOLAR	440	98	1	0
Exchange with Mumbai	-1364	-933	-873	-745
MSEDCL DEMAND MET	17162	16453	17217	13729
Load Shedding	0	0	0	0
MSEDCL DEMAND	17162	16453	17217	13729
TPCL GENERATION	1055	1211	1249	592
AEML GENERATION	497	497	495	495
MUMBAI DEMAND	2916	2641	2617	1832
STATE DEMAND MET	20078	19094	19834	15561
STATE DEMAND	20078	19094	19834	15561
Frequency (Hz)	50.04	50.01	50.05	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.02 Hrs	49.85 Hz at 23.03 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 27/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.51	57.55	185	111
Unit 7	0.00	0.00	0	0
Unit 8	11.26	214.51	550	390
Unit 9	9.69	133.87	495	330
Unit 10	8.80	239.52	500	300
Total	33.26	645.45		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	8.94	229.36	400	280
Unit 5	8.48	171.08	385	280
Total	17.42	417.50		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.21	96.27	244	151
Unit 8	4.14	116.79	200	154
Total	8.35	213.07		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	6.86	164.81	340	238
Unit 6	5.94	114.31	282	210
Unit 7	5.99	188.57	306	0
Unit 8	6.78	227.12	360	230
Unit 9	6.47	159.59	329	227
Total	32.05	891.84		
Paras				
Unit 3	3.69	33.48	190	112
Unit 4	0.00	100.09	0	0
Total	3.69	133.57		
Khaparkheda				
Unit 1	2.44	32.36	115	90
Unit 2	2.80	43.80	130	110
Unit 3	3.21	88.19	150	122
Unit 4	3.23	87.87	150	126
Unit 5	8.54	185.03	420	305
Total	20.21	437.24		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.73	70.12	181	126
Unit 5	0.00	39.67	0	0
Total	3.73	109.79		
Uran				
All Units	5.04	174.41	249	177
Total	5.04	174.41		
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)	0.11	7.83	24	0
Total	0.11	7.83		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.69	92.52	470	40
Stage 4	1.03	125.31	249	0
Stage 3	1.01	56.10	188	0
Total	4.73	273.92		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.24	7.74	59	0
TILLARI	0.00	7.03	0	0
BHIRA T.R.	0.33	10.22	40	0
SMLHY_PTN	6.18	147.38	290	227
GHATGHAR	0.08	16.86	80	0
Total	6.83	193.67		
Wind				
Total	16.69	714.58	0	0
Total	16.69	714.58		
CPP				
APML(Mus)	46.90	1323.09	0	0
JSWEL(Mus)	13.98	357.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.42	607.86	0	0
SWPGPL-Mus	5.83	146.45	0	0
Other(Mus)	4.83	149.97	0	0
Total	89.95	2584.59		
SOLAR				
Total	4.23	153.81	0	0
Total	4.23	153.81		
Tata				
Trombay 5	10.04	243.40	481	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.27	45.94	62	48
Trombay 7B	1.03	28.81	48	40
Trombay 8	4.94	127.81	225	139
TATA Hydro	4.92	104.44	457	0
Total	22.20	550.41		
AEMIL				
DTPS U-1&2	11.31	300.08	498	285
Total	11.31	300.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.71	2848.47	MSPGCL Total	135.32	3490.48
			MSPGCL Thml+Gas	123.75	3022.88	Koyna 1,2 & 4 Total	3.72	217.83
			MSPGCL Hydro	11.56	467.60	State Total	279.70	7793.95

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4889	378	201	5468	653	3775	0	0	5194	5049	-684	14261	0	14261	2077	16338	50.05
2	4811	302	201	5314	632	3710	0	0	5351	5253	-707	14202	0	14202	1931	16133	50.02
3	4830	295	211	5336	603	3661	0	0	5215	4874	-745	13729	0	13729	1832	15561	50.00
4	4907	267	201	5375	601	3701	0	0	4950	5027	-668	14036	0	14036	1765	15801	49.99
5	4922	284	201	5407	572	3737	0	0	5583	5557	-861	14412	0	14412	1748	16160	49.99
6	4986	334	211	5531	488	3771	0	0	6389	6476	-958	15308	0	15308	1812	17120	49.98
7	5075	312	211	5598	498	3766	0	9	7186	7131	-765	16237	0	16237	1915	18152	50.03
8	5088	564	231	5883	381	3777	0	80	7556	7923	-762	17282	0	17282	2119	19401	50.04
9	5174	501	232	5907	298	3736	0	195	8315	8401	-972	17565	0	17565	2415	19980	50.06
10	5210	526	231	5967	252	3775	0	287	8376	8247	-1261	17267	0	17267	2719	19986	50.03
11	5239	479	231	5949	213	3816	0	440	8266	8108	-1364	17162	0	17162	2916	20078	50.04
12	5195	338	249	5782	201	3651	0	596	8381	7816	-1389	16657	0	16657	2966	19623	50.01
13	4920	287	189	5396	236	3498	0	653	7946	7616	-1391	16008	0	16008	2919	18927	50.06
14	4836	285	177	5298	254	3480	0	647	7633	7412	-1318	15773	0	15773	2744	18517	50.07
15	4741	519	188	5448	297	3428	0	584	7332	7548	-1279	16026	0	16026	2691	18717	49.98
16	4775	746	187	5708	346	3694	0	377	6958	6775	-1050	15850	0	15850	2674	18524	50.01
17	4941	507	187	5635	600	3864	0	265	6990	6762	-1014	16112	0	16112	2669	18781	50.03
18	4928	432	188	5548	842	3842	0	98	7059	7056	-933	16453	0	16453	2641	19094	50.01
19	5224	845	238	6307	1187	3959	0	1	6978	6636	-873	17217	0	17217	2617	19834	50.05
20	5252	949	230	6431	1372	4086	0	0	6512	6022	-854	17057	0	17057	2585	19642	50.07
21	4987	761	238	5986	1433	3810	0	0	5770	5731	-927	16033	0	16033	2455	18488	50.00
22	4651	857	229	5737	1459	3816	0	0	5548	5519	-758	15773	0	15773	2365	18138	50.01
23	4607	453	190	5250	1643	3824	0	0	5629	5385	-810	15292	0	15292	2256	17548	50.01
24	4523	342	189	5054	1628	3773	0	0	5397	5245	-1150	14550	0	14550	2171	16721	49.97
MUs	118.71	11.56	5.04	135.32	16.69	89.95	0.00	4.23	160.51	157.57	-23.49	380.26	0.00	380.26	57.00	437.26	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 27/Sep/2021

Position as on 6.30 Hrs of 28/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	27/09/2021	05.11	Non availability of load scheduling.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
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.	
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	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.	
MSPGCL	Chandrapur Unit 7	500	27/09/2021	20.31		Continued.	Feed Station Valve Leakage	
MSPGCL	Parli Unit 8	250	28/09/2021	20.04		Continued.	UAT Problem.	
MSPGCL	Khaparkheda Unit 5	500	28/09/2021	21.32		Continued.	Generator Protection operated	
MSPGCL	Uran Unit 6	108	28/09/2021	22.02		Continued.	Gas shortage	
MSPGCL	Koradi Unit 10	660	28/09/2021	22.46		Continued.	Poor coal receipt	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 28/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
Khadka-Aurangabad (Waluj)	IntraState	25/09/2021	20.27	27/09/2021	09.48	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)
Khadka-Aurangabad (Waluj)	IntraState	27/09/2021	22.18	28/09/2021	08.57	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	28/09/2021	06.18	28/09/2021	11.04	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	28/09/2021	20.36		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 2 @Koradi	IntraState	27/09/2021	10.30	27/09/2021	16.00	EO	Attending Hot Spot
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)
Tata Borivli MSETCL Borivli 4	IntraState	26/09/2021	20.49		Continued.	PO	for shifting to Spare bay in GIS.
Theur-Phursungi ckt-2	IntraState	27/09/2021	09.50	27/09/2021	17.50	PO	Testing of distance relay
Karad(400kv) - Ogalewadi Ckt 1	IntraState	27/09/2021	10.07	27/09/2021	14.01	PO	Replacement of flashover insulator string at Loc no.3(B-ph) & 21(R-ph)
Adlabs - Pedambe	IntraState	27/09/2021	10.15	27/09/2021	18.20	PO	Routine maintenance & emergency tree cutting work
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	27/09/2021	10.17	27/09/2021	15.15	EO	Attending Hot Spot
Chalishaon -Babhaleshwar	IntraState	27/09/2021	11.07	27/09/2021	15.45	PO	Nut bolt tightening of railway crossing tower
Nanded - Parli Ext. Ckt II	IntraState	27/09/2021	12.12	27/09/2021	21.25	PO	Routine Maintenance Work
Bombay Dyeing - Sahara	IntraState	27/09/2021	13.09	27/09/2021	17.13	T	Distance Protection
Apta - Hoc	IntraState	27/09/2021	13.22	27/09/2021	15.17	EO	Attending Hot Spot on Y-phase jumper.
Talandge-Mudshingi Ckt-I	IntraState	27/09/2021	15.30	27/09/2021	18.55	EO	Jumper replacement work at tower Loc no.312, R-ph to Attending hot spot
220KV Chalisagaon-Kopergaon	IntraState	27/09/2021	17.23	27/09/2021	20.30	PO	Nut bolt tightening of railway crossing tower work.
Adlabs - Pedambe	IntraState	27/09/2021	23.10	27/09/2021	23.55	T	Distance Protection
Karad - Vita Ckt- II	IntraState	28/09/2021	09.35	28/09/2021	19.14	PO	Conversion of SSn to DSN work at Loc no. 72.73.90.117.118.145.
Bhugaon - Lloyed Steel	IntraState	28/09/2021	10.36		Continued.	PO	Metering CT,PT installation and Tan Delta Measurement
Kandalgaon - ONGC Panvel	IntraState	28/09/2021	10.44	28/09/2021	17.55	PO	Routine maintenance & emergency tree cutting work at Loc no.520-525. Line signature analyzer test.
TPC Borivali Aarey Line 1	IntraState	28/09/2021	11.04	28/09/2021	11.17	T	Distance Protection
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	28/09/2021	12.40	28/09/2021	17.28	PO	Line Maintenance work
Nanded - Parli Ext. Ckt II	IntraState	28/09/2021	14.00	28/09/2021	21.45	PO	Distance Relay replacement
Kandalgaon - Sona Alloys	IntraState	28/09/2021	1415	28/09/2021	15.00	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	27/09/2021	13.05	27/09/2021	19.10	PO	Diagnostic & Routine maintenance work
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	27/09/2021	14.58	27/09/2021	16.52	PO	Attending urgent oil leakages of B-phase HV CT.

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 27/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 28/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	28/09/2021	09.05	28/09/2021	16.45	PO	OLTC Overhauling work.