

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.810	1008.616	1) Gujrat	-12.272	-71.624
2) Hydro	28.517	296.692	2) Madhya Pradesh	5.077	80.848
3) Gas	4.577	41.461	3) Chattisgarh	3.550	44.770
Total MSPGCL	158.904	1346.769	4) Maharashtra	140.380	1278.655
B) 1) APLM	51.911	468.805	5) Goa (Amona)	-1.096	-10.568
2) JSWEL	19.242	174.342	Total	135.639	1322.081
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.813	209.017
4) RPL(AMT)	12.890	127.500	b) Mumbai Drawl	24.358	228.342
5) SWPGPL	5.905	41.202	c) MSEDCL Bilateral *	37.083	364.909
6) Other IPP	5.574	46.051	Include PX	5.729	104.445
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.813	209.017
C) 1) TPCL Thermal	16.593	148.521	Include PX	0.504	18.841
2) TPCL Hydro	4.565	47.535	Standby	0.000	0.000
3) TPCL Gas	3.838	23.778	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.203	101.358	1) MSEDCL	378.871	3415.221
D) STATE			2) Mumbai Discoms	60.557	549.534
1) Thermal	249.128	2116.395	TOTAL STATE	439.428	3964.755
(A1+C1+C4+(B1-B6))					
2) Hydro	33.082	344.227			
(A2+C2)					
3) Gas	8.415	65.239			
(A3+B7+C3)					
4) Wind	7.488	55.231			
6) SOLAR	5.676	61.582			
TOTAL STATE	303.789	2642.674			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5283	5287	5381	5078
MSPGCL Hydro	1261	852	1252	822
MSPGCL Gas	228	226	73	240
MSPGCL Total Generation	6772	6365	6706	6140
Central Sector Receipt	6574	6456	6315	4567
WIND	64	60	753	406
CPP / IPP Thermal	3884	3874	4075	4074
CPP / IPP Gas	0	0	0	0
SOLAR	816	715	0	0
Exchange with Mumbai	-1321	-1469	-1084	-704
MSEDCL DEMAND MET	16789	16001	16765	14483
Load Shedding	0	0	0	0
MSEDCL DEMAND	16789	16001	16765	14483
TPCL GENERATION	1035	970	1213	940
AEML GENERATION	478	451	491	479
MUMBAI DEMAND	2834	2890	2788	2123
STATE DEMAND MET	19623	18891	19553	16606
STATE DEMAND	19623	18891	19553	16606
Frequency (Hz)	50.02	50.03	49.83	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:02 Hrs	49.59 Hz at 18:22 Hrs	49.95	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/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.14	22.16	190	140
Unit 7	0.00	0.00	0	0
Unit 8	12.70	115.38	625	394
Unit 9	12.18	105.60	548	402
Unit 10	12.53	28.06	545	400
Total	41.55	271.20		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.44	73.03	455	335
Unit 5	0.00	43.71	0	0
Total	9.44	116.74		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.29	38.65	218	166
Unit 8	4.21	37.79	205	156
Total	8.49	76.44		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.23	7.11	155	125
Unit 5	0.00	40.51	0	0
Unit 6	5.79	44.86	306	180
Unit 7	7.86	61.86	357	290
Unit 8	8.88	73.89	404	310
Unit 9	8.22	74.37	365	308
Total	33.97	302.60		
Paras				
Unit 3	4.69	39.56	220	111
Unit 4	0.00	0.00	0	0
Total	4.69	39.56		
Khaparkheda				
Unit 1	2.82	24.26	130	105
Unit 2	3.29	29.19	155	130
Unit 3	3.63	30.15	166	142
Unit 4	3.44	32.15	150	137
Unit 5	10.59	55.53	460	420
Total	23.77	171.28		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	30.80	170	153
Unit 5	0.00	0.00	0	0
Total	3.90	30.80		
Uran				
All Units	4.58	41.46	248	60
Total	4.58	41.46		
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)	0.58	4.75	26	24
Total	0.58	4.75		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.99	62.21	515	40
Stage 4	12.04	128.48	1010	0
Stage 3	3.71	40.35	240	80
Total	21.73	231.04		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.49	2.90	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.28	3.26	40	0
SMLHY_PTN	5.74	54.02	256	218
GHATGHAR	0.28	5.47	125	0
Total	6.78	65.65		
Wind				
Total	7.49	55.23	0	0
Total	7.49	55.23		
CPP				
APML(Mus)	51.91	468.80	0	0
JSWEL(Mus)	19.24	174.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	12.89	127.50	0	0
SWPGPL-Mus	5.90	41.20	0	0
Other(Mus)	5.57	46.05	0	0
Total	95.52	857.90		
SOLAR				
Total	5.68	61.58	0	0
Total	5.68	61.58		
Tata				
Trombay 5	11.32	101.37	490	437
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.37	13.69	118	58
Trombay 7B	1.47	10.09	67	48
Trombay 8	5.28	47.16	222	217
TATA Hydro	4.56	47.54	423	28
Total	25.00	219.83		
AEMIL				
DTPS U-1&2	11.20	101.36	500	432
Total	11.20	101.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.81	1008.62	MSPGCL Total	158.90	1346.77
			MSPGCL Thml+Gas	130.39	1050.08	Koyna 1,2 & 4 Total	18.03	190.69
			MSPGCL Hydro	28.52	296.69	State Total	303.79	2642.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Oct/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	5297	1020	239	6556	439	3994	0	0	5116	4495	-938	14546	0	14546	2471	17017	49.87
2	5254	858	230	6342	353	4056	0	0	4983	4650	-850	14551	0	14551	2283	16834	49.89
3	5078	822	240	6140	406	4074	0	0	4867	4567	-704	14483	0	14483	2123	16606	49.91
4	5176	686	240	6102	495	4077	0	0	4795	4706	-632	14748	0	14748	2030	16778	50.01
5	5231	949	231	6411	386	4057	0	0	4795	5009	-612	15251	0	15251	2004	17255	49.99
6	5318	1511	231	7060	312	4017	0	0	5152	5549	-658	16280	0	16280	2048	18328	49.98
7	5403	1917	240	7560	273	4026	0	17	5651	5529	-711	16694	0	16694	2076	18770	49.96
8	5460	1917	231	7608	176	3963	0	180	5938	5725	-803	16849	0	16849	2171	19020	49.98
9	5435	1294	229	6958	142	3920	0	454	6255	6160	-976	16658	0	16658	2360	19018	49.98
10	5347	1072	248	6667	127	3918	0	721	6456	6383	-1193	16623	0	16623	2630	19253	49.97
11	5283	1261	228	6772	64	3884	0	816	6494	6574	-1321	16789	0	16789	2834	19623	50.02
12	5354	1074	228	6656	60	3894	0	883	6604	6470	-1418	16545	0	16545	2909	19454	50.04
13	5287	852	226	6365	60	3874	0	715	6590	6456	-1469	16001	0	16001	2890	18891	50.03
14	5203	405	167	5775	202	3858	0	705	6417	6454	-1432	15562	0	15562	2794	18356	50.04
15	5224	744	174	6142	255	3866	0	617	6409	6398	-1422	15856	0	15856	2824	18680	49.87
16	5268	976	136	6380	347	3880	0	372	6184	5951	-1296	15634	0	15634	2879	18514	49.94
17	5209	1146	136	6491	463	3918	0	158	5986	5720	-1146	15604	0	15604	2828	18432	49.91
18	5296	1182	136	6614	461	3954	0	38	5941	5756	-1088	15735	0	15735	2740	18475	49.87
19	5381	1252	73	6706	753	4075	0	0	6593	6315	-1084	16765	0	16765	2788	19553	49.83
20	5348	1075	60	6483	609	4091	0	0	6394	6108	-1034	16257	0	16257	2791	19048	49.96
21	5323	1383	123	6829	267	4107	0	0	5403	5450	-907	15746	0	15746	2671	18417	49.92
22	4940	1945	145	7030	284	4021	0	0	5098	5150	-886	15599	0	15599	2548	18147	49.98
23	4896	1787	183	6866	305	4001	0	0	5137	4928	-884	15216	0	15216	2439	17655	49.95
24	4799	1389	203	6391	249	3995	0	0	5203	5136	-894	14877	0	14877	2426	17303	49.94
MUs	125.81	28.52	4.58	158.90	7.49	95.52	0.00	5.68	138.46	135.64	-24.36	378.87	0.00	378.87	60.56	439.43	49.95

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/Oct/2021

Position as on 6.30 Hrs of 10/Oct/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.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		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	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	02/10/2021	20.45		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 5	500	06/10/2021	21.05		Continued.	Poor coal receipt.	
MSPGCL	Chandrapur Unit 5	500	07/10/2021	21.26		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	07/10/2021	22.09		Continued.	Gas shortage	
IPP	Adani U-3	660	08/10/2021	21.12		Continued.	APH-B hot PA below leakage.	
MSPGCL	Koyna Unit 2	70	09/10/2021	12.00	09/10/2021	17.05	Carbon brush replacement and oil checking work	
MSPGCL	Uran Unit 6	108	09/10/2021	15.10	09/10/2021	19.20	Gas shortage	
MSPGCL	Uran Unit 8	108	09/10/2021	18.39	09/10/2021	20.26	excitation fault.	
MSPGCL	Uran Unit B0	120	09/10/2021	18.39	09/10/2021	22.31	Due To GT 8 Tripped.	

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

Statement-VII

Position as on 6.30 Hrs of 10/Oct/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
Chakan Talegaon(Pg)	InterState	09/10/2021	11.15	09/10/2021	12.42	EO	To attend Hot Spot
Koradi 2-IEPL	IntraState	26/09/2021	07.00	09/10/2021	21.10	PO	For height raising work.
Bhusawal-Aurangabad	IntraState	06/10/2021	22.31		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	08/10/2021	23.58	09/10/2021	04.16	PO	Chemical washing of insulator.
Padghe - Kalwa- I	IntraState	09/10/2021	04.50	09/10/2021	07.23	EO	Attending Hot Spot
Jaigad-New Koyna Ckt-II	IntraState	09/10/2021	09.55	09/10/2021	19.27	PO	for additional earthing.
Ektuni-Bableshtar ckt II	IntraState	09/10/2021	15.36	09/10/2021	19.17	T	Distance Protection
Girwali- Lonikand 2	IntraState	10/10/2021	11.02		Continued.	PO	Reactor Backup Relay Retrofitting Work. Bay Maintenance Work.
Karad-Jaigad - I	IntraState	10/10/2021	21.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	07/10/2021	11.18	09/10/2021	18.28	PO	PG Isolator overhauling work
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	08/10/2021	08.24	09/10/2021	00.19	PO	33kv (tertiary) bushing of y phase unit of 400/220kv, 315 mva ict-2 is to be replaced due to earthed tan delta point.
400/220kv, 500 MVA ICT-III @Bableshtar	IntraState	09/10/2021	09.44	09/10/2021	22.27	PO	Diagnostic Testing Work.
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)
Boisar Tarapur	InterState	10/10/2021	09.06	10/10/2021	15.55	PO	Cutting Of Wild Grass & Trees Grown Under Line route Along With Removal Of Debris under the line using JCB In Restricted Area Of BARC & NPCIL Restricted Area.
Borivali - Tarapur	InterState	10/10/2021	09.14	10/10/2021	15.33	PO	Cutting Of Wild Grass & Trees Grown Under Line route Along With Removal Of Debris under the line using JCB In Restricted Area Of BARC & NPCIL Restricted Area.
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
Chandrapur GCR - Sicom II	IntraState	09/10/2021	09.04	09/10/2021	19.53	PO	MFM Meter Retrofitting.
Kandalgaon - Sona Alloys	IntraState	09/10/2021	09.20	09/10/2021	17.55	PO	Replacement of polymer Insulator strings
Kadegaon-Miraj	IntraState	09/10/2021	09.56	09/10/2021	17.42	PO	Conversion of SSN to DSN work.
Bableshtar -Ahamadnagar-I	IntraState	09/10/2021	11.32	09/10/2021	16.40	PO	Attending hotspot at R-ph. wave trap jumper.
Umred-Kanhan 2	IntraState	09/10/2021	11.42	09/10/2021	12.56	T	Distance Protection
Hingoli- Girawali	IntraState	09/10/2021	13.16	09/10/2021	17.14	PO	Line Maintenance work
Aurangabad (Waluj)-Bhenda	IntraState	09/10/2021	13.55	10/10/2021	11.28	T	Distance Protection
Vita Alkud	IntraState	09/10/2021	14.12	09/10/2021	17.58	PO	Testing Work.
Ghatghar - Bapgaon	IntraState	09/10/2021	16.10	09/10/2021	18.26	T	Distance Protection
Pedhambe - Oni	IntraState	10/10/2021	08.13	10/10/2021	18.47	PO	Outage For Pedambe Bus Outage.
Adlabs - Pedambe	IntraState	10/10/2021	08.15	10/10/2021	18.45	PO	Outage For Pedambe Bus Outage.
Main bus section-II @ Pedambe	IntraState	10/10/2021	08.25	10/10/2021	18.33	PO	B PH Main Bus To Main Bus Isolator Jumper Replacement work, R Ph wave Trap jumper

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/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 10/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							clamp red hot spot attending work, gantry insulator string replacement work for pedambenerle ckt.
Kandalgaon - Sona Alloys	IntraState	10/10/2021	09.27	10/10/2021	18.10	PO	For Replacement Of Polymer Insulator Strings By Long Rod Porcelain or Conductor Restraining Work.
Badnera-Akola I	IntraState	10/10/2021	12.42		Continued.	T	BB1 Protection Operated.
Badnera Tss-I	IntraState	10/10/2021	12.42	10/10/2021	14.45	T	BB1 Protection Operated.
Dhamangaon New - Badnera	IntraState	10/10/2021	12.42	10/10/2021	14.10	T	BB1 Protection Operated.
Badnera - Nandgaonpeth	IntraState	10/10/2021	12.42	10/10/2021	14.24	T	BB1 Protection Operated.
Badnera-Akola li	IntraState	10/10/2021	12.45	10/10/2021	13.50	T	BB1 Protection Operated.
Kharghar - Tss Panvel	IntraState	10/10/2021	13.24	10/10/2021	17.07	T	Distance Protection
Trombay-Salsette II	IntraState	10/10/2021	16.47	10/10/2021	17.54	EO	For Tree Cutting.
Padghe - Kambha	IntraState	10/10/2021	17.28		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	09/10/2021	10.20		Continued.	PO	Diagnostic Testing Work.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	09/10/2021	10.22	09/10/2021	16.45	PO	Oil Sample Collection & Work Of Attending Red Hot Spots & Bay Maintenance Work.
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	09/10/2021	10.35	09/10/2021	14.16	PO	Survey work for 110KV GIS work.
220/132kv 100MVA ICT @ KALWAN (BHENDI)	IntraState	09/10/2021	10.44	09/10/2021	13.33	PO	Maintenance Work.
220/132kv 200mva Bbl Ict 2 @Pandharpur	IntraState	10/10/2021	08.24	10/10/2021	15.30	PO	Outage Required For OLTC Overhauling Work.
Dharavi : 220 / 105 / 23 250 MVA ICT 7	IntraState	10/10/2021	09.02	10/10/2021	16.50	PO	Cu IPS modification & Dismantling of transfer bus GOD.

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