

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.729	1039.569	1) Gujrat	-7.627	-71.338
2) Hydro	12.057	100.274	2) Madhya Pradesh	6.862	49.936
3) Gas	3.332	44.284	3) Chattisgarh	4.290	39.120
Total MSPGCL	165.118	1184.127	4) Maharashtra	170.301	1289.589
B) 1) APLM	65.598	527.418	5) Goa (Amona)	-1.242	-12.330
2) JSWEL	20.127	186.695	Total	172.584	1294.977
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.653	214.696
4) RPL(AMT)	25.685	214.329	b) Mumbai Drawl	25.982	229.995
5) SWPGPL	6.189	40.816	c) MSEDCL Bilateral *	54.323	356.896
6) Other IPP	6.931	56.021	Include PX	23.675	89.918
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.653	214.696
C) 1) TPCL Thermal	14.648	118.432	Include PX	11.297	103.176
2) TPCL Hydro	6.260	43.386	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.557	90.140	1) MSEDCL	459.709	3724.297
D) STATE			2) Mumbai Discoms	58.447	494.429
1) Thermal	300.464	2273.420	TOTAL STATE	518.156	4218.726
(A1+C1+C4+(B1-B6))					
2) Hydro	18.317	143.660			
(A2+C2)					
3) Gas	3.332	56.760			
(A3+B7+C3)					
4) Wind	16.288	399.428			
6) SOLAR	7.171	50.481			
TOTAL STATE	345.572	2923.749			

* 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	6430	6563	6308	5854
MSPGCL Hydro	517	547	955	331
MSPGCL Gas	137	135	137	140
MSPGCL Total Generation	7084	7245	7400	6325
Central Sector Receipt	8635	8471	6053	5777
WIND	442	370	1018	481
CPP / IPP Thermal	5185	5068	5191	5332
CPP / IPP Gas	0	0	0	0
SOLAR	944	816	0	0
Exchange with Mumbai	-1425	-1425	-925	-840
MSEDCL DEMAND MET	20865	20545	18737	17075
Load Shedding	0	0	0	0
MSEDCL DEMAND	20865	20545	18737	17075
TPCL GENERATION	994	1015	1160	508
AEML GENERATION	500	501	501	502
MUMBAI DEMAND	2919	2941	2586	1850
STATE DEMAND MET	23784	23486	21323	18925
STATE DEMAND	23784	23486	21323	18925
Frequency (Hz)	50.04	49.93	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18:02 Hrs	49.8 Hz at 12:50 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 09/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.93	8.05	150	70
Unit 7	0.00	0.00	0	0
Unit 8	8.18	64.18	550	0
Unit 9	9.96	91.43	515	292
Unit 10	10.83	62.81	530	300
Total	31.91	226.47		
Bhusawal				
Unit 3	3.78	6.02	175	125
Unit 4	9.67	88.52	425	380
Unit 5	9.99	86.40	445	380
Total	23.44	180.94		
Parli				
Unit 6	5.56	9.44	250	200
Unit 7	5.04	10.99	241	180
Unit 8	4.82	22.57	211	193
Total	15.43	43.00		
Chandrapur				
Unit 3	3.50	29.23	152	143
Unit 4	3.99	31.69	170	148
Unit 5	8.36	71.93	373	305
Unit 6	8.46	70.17	380	231
Unit 7	8.53	49.19	374	324
Unit 8	10.40	90.81	460	400
Unit 9	0.00	0.00	0	0
Total	43.24	343.03		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.99	40.45	240	152
Total	4.99	40.45		
Khaparkheda				
Unit 1	2.72	14.90	125	100
Unit 2	2.97	19.22	140	110
Unit 3	3.66	22.52	180	135
Unit 4	3.66	22.64	181	130
Unit 5	10.72	90.64	475	420
Total	23.73	169.91		
Nasik				
Unit 3	3.44	4.21	165	127
Unit 4	3.57	5.84	175	123
Unit 5	0.00	25.72	0	0
Total	7.01	35.77		
Uran				
All Units	3.33	44.28	151	135
Total	3.33	44.28		
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)	0.59	3.03	27	21
Total	0.59	3.03		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.64	18.82	335	45
Stage 4	0.00	0.00	0	0
Stage 3	0.89	7.88	80	0
Total	3.53	26.70		
Hydro				
KDPH	0.86	7.43	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.58	4.92	58	0
BHIRA T.R.	0.45	3.86	40	0
SMLHY_PTN	6.18	53.32	265	246
GHATGHAR	0.45	4.04	250	0
Total	8.52	73.57		
Wind				
Total	16.29	399.43	0	0
Total	16.29	399.43		
CPP				
APML(Mus)	65.60	527.42	0	0
JSWEL(Mus)	20.13	186.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.68	214.33	0	0
SWPGPL-Mus	6.19	40.82	0	0
Other(Mus)	6.93	56.02	0	0
Total	124.53	1025.28		
SOLAR				
Total	7.17	50.48	0	0
Total	7.17	50.48		
Tata				
Trombay 5	9.67	78.71	485	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	6.95	0	0
Trombay 7B	0.00	5.53	0	0
Trombay 8	4.98	39.72	223	137
TATA Hydro	6.26	43.39	457	0
Total	20.91	174.29		
AEML				
DTPS U-1&2	11.56	90.14	503	285
Total	11.56	90.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.73	1039.57	MSPGCL Total	165.12	1184.13
			MSPGCL Thml+Gas	153.06	1083.85	Koyna 1,2 & 4 Total	2.64	18.82
			MSPGCL Hydro	12.06	100.27	State Total	345.57	2923.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Aug/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	5949	332	140	6421	813	5286	0	0	5422	5795	-768	17547	0	17547	2214	19761	50.03
2	5823	330	140	6293	744	5234	0	0	5365	5563	-641	17193	0	17193	2058	19251	50.02
3	5786	331	140	6257	598	5234	0	0	5308	6129	-673	17545	0	17545	1946	19491	50.03
4	5854	331	140	6325	481	5332	0	0	5333	5777	-840	17075	0	17075	1850	18925	50.01
5	6081	345	140	6566	455	5329	0	0	5911	6310	-833	17827	0	17827	1831	19658	50.01
6	6185	338	151	6674	501	5315	0	0	6599	6842	-879	18453	0	18453	1881	20334	50.04
7	6302	335	141	6778	506	5274	0	40	7749	7999	-799	19798	0	19798	1935	21733	50.01
8	6237	345	140	6722	347	5294	0	253	8235	8401	-1049	19968	0	19968	2094	22062	50.03
9	6283	454	139	6876	415	5269	0	551	8257	8335	-1456	19990	0	19990	2396	22386	50.03
10	6360	535	137	7032	573	5250	0	824	7880	8301	-1535	20445	0	20445	2698	23143	50.00
11	6430	517	137	7084	442	5185	0	944	8055	8635	-1425	20865	0	20865	2919	23784	50.04
12	6529	545	135	7209	343	5073	0	929	8604	8444	-1425	20573	0	20573	2961	23534	50.00
13	6563	547	135	7245	370	5068	0	816	8632	8471	-1425	20545	0	20545	2941	23486	49.93
14	6586	528	135	7249	465	5100	0	767	8284	8348	-1358	20571	0	20571	2822	23393	50.00
15	6344	632	135	7111	504	5101	0	790	8260	8530	-1474	20562	0	20562	2828	23390	49.99
16	6042	776	137	6955	621	5104	0	637	8484	8563	-1406	20474	0	20474	2838	23312	50.02
17	6023	624	136	6783	993	5086	0	419	8346	8355	-1312	20324	0	20324	2795	23119	50.01
18	6013	567	137	6717	1012	5101	0	177	7377	7651	-1179	19479	0	19479	2724	22203	50.03
19	6157	691	147	6995	1110	5140	0	24	6386	6314	-1006	18577	0	18577	2601	21178	50.05
20	6308	955	137	7400	1018	5191	0	0	6084	6053	-925	18737	0	18737	2586	21323	50.03
21	6415	533	138	7086	946	5167	0	0	5742	6176	-872	18503	0	18503	2495	20998	50.03
22	6381	651	138	7170	1048	5117	0	0	5668	5898	-854	18379	0	18379	2391	20770	50.05
23	6571	394	139	7104	996	5118	0	0	5681	6079	-900	18397	0	18397	2331	20728	50.03
24	6507	421	138	7066	987	5162	0	0	5739	5615	-948	17882	0	17882	2312	20194	50.03
MUs	149.73	12.06	3.33	165.12	16.29	124.53	0.00	7.17	167.40	172.58	-25.98	459.71	0.00	459.71	58.45	518.16	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 09/Aug/2021

Position as on 6.30 Hrs of 10/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs On 09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs On 09/08/2021)	
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)	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Koyna Unit 6	80	05/08/2021	21.25		Continued.	Differential protection	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	08/08/2021	22.53	09/08/2021	03.07	Generator protection of other system.	
MSPGCL	Khaparkheda Unit 3	210	10/08/2021	14.28	10/08/2021	16.51	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 10/Aug/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
Akola Aurangabad(PG) II	InterState	09/08/2021	15.10	09/08/2021	15.40	PO	For line reactor work.
Akola Aurangabad(PG) II	InterState	09/08/2021	18.29	09/08/2021	18.49	HT	Taking L/R taking in service at PG end.
Khadka-Aurangabad (Waluj)	IntraState	08/08/2021	18.18	09/08/2021	06.42	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	09/08/2021	09.04	09/08/2021	12.15	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	09/08/2021	20.12	10/08/2021	06.47	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220kv 315 Mva ICT I @Karad	IntraState	09/08/2021	09.34	09/08/2021	17.12	PO	Relay testing and routine maintenance work.
400/220kv 315 Mva ICT II @Karad	IntraState	10/08/2021	09.23	10/08/2021	18.11	PO	For REF retrofitting & Relay testing work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	10/08/2021	09.55	10/08/2021	17.40	PO	R-phase LV bushing jumper replacement 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)
Balapur-Akola li	IntraState	22/07/2021	07.48	10/08/2021	19.39	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola I	IntraState	22/07/2021	07.48	10/08/2021	19.20	T	Distance Protection(tower collapse At LOC. No.15.)
Mahad - Pedambe	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Wadkhal(GIS)-JSW(GIS) II	IntraState	04/08/2021	09.26		Continued.	PO	Outage required for replacement of existing 1200/1A GIS Metering CTs with New 1600/1A GIS CTs.(CB Opened At JSW End On 02/04/2021 At 10:18).
Malegaon-Satana	IntraState	08/08/2021	17.33	09/08/2021	13.22	T	Distance Protection
Boisar Versova Line	IntraState	09/08/2021	01.01	09/08/2021	06.50	PO	MMRDA WORK
Dahanu Versova	IntraState	09/08/2021	01.04	09/08/2021	06.52	PO	MMRDA WORK
Lonand-Baramati	IntraState	09/08/2021	06.18	09/08/2021	17.41	T	For load management.
Pedambe-Nerle	IntraState	09/08/2021	07.56	09/08/2021	15.45	T	Distance Protection
Lonand-Baramati	IntraState	09/08/2021	09.40	09/08/2021	15.42	PO	Diagnostic testing and quarterly maintenance work
Trombay-Salsette II	IntraState	09/08/2021	09.42	09/08/2021	16.22	PO	OPGW Stringing
VSNL - STT 1 GIS	IntraState	09/08/2021	11.49	09/08/2021	14.05	PO	Removal of summator of check metering
Tambati - Adlabs	IntraState	09/08/2021	12.34	09/08/2021	14.24	EO	Attending Hot Spot
Lonand-Bothe	IntraState	09/08/2021	13.26	09/08/2021	17.16	PO	Diagnostic testing and quarterly maintenance work
VSNL - STT 2 GIS	IntraState	09/08/2021	15.18	09/08/2021	16.21	PO	Removal of summator of check

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/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 10/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							metering.
Gangapur-Valve	IntraState	09/08/2021	18.02	09/08/2021	18.14	PO	33kv CT burst due to which ckt tripped on jerk
Karad-Nerle	IntraState	09/08/2021	19.27	09/08/2021	19.59	T	Distance Protection
Pohali-Nerle	IntraState	09/08/2021	19.27	10/08/2021	16.15	T	Distance Protection
Lonand-Baramati	IntraState	10/08/2021	05.40		Continued.	HT	Load management 220kv lonand jejuri
Kolshet-Roma	IntraState	10/08/2021	10.05	10/08/2021	10.53	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132kv 100MVA ICT II @Satara Midc	IntraState	10/08/2021	11.19	10/08/2021	16.15	PO	Quarterly Maintenance Work

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