

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Sep/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.969	783.960	1) Gujrat	-12.488	-75.015
2) Hydro	9.984	97.860	2) Madhya Pradesh	0.449	12.783
3) Gas	8.849	62.508	3) Chattisgarh	5.190	25.720
Total MSPGCL	117.802	944.328	4) Maharashtra	154.122	1073.136
B) 1) APLM	52.984	368.274	5) Goa (Amona)	-0.712	-5.093
2) JSWEL	9.074	101.025	Total	146.561	1031.531
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.802	168.721
4) RPL(AMT)	24.676	183.184	b) Mumbai Drawl	24.706	166.371
5) SWPGPL	4.698	37.250	c) MSEDCL Bilateral *	31.437	239.589
6) Other IPP	5.307	41.553	Include PX	5.304	35.355
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.802	168.721
C) 1) TPCL Thermal	14.613	103.935	Include PX	5.561	41.193
2) TPCL Hydro	3.411	25.652	Standby	0.000	0.000
3) TPCL Gas	3.705	9.172	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.947	78.840	1) MSEDCL	364.535	2713.437
D) STATE			2) Mumbai Discoms	57.382	383.969
1) Thermal	221.268	1698.021	TOTAL STATE	421.917	3097.406
(A1+C1+C4+(B1-B6))					
2) Hydro	13.395	123.512			
(A2+C2)					
3) Gas	12.554	71.680			
(A3+B7+C3)					
4) Wind	26.517	136.109			
6) SOLAR	1.622	36.554			
TOTAL STATE	275.356	2065.876			

* 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 24 Hrs
MSPGCL Thermal	4452	4143	4601	3770
MSPGCL Hydro	653	495	575	454
MSPGCL Gas	277	385	394	388
MSPGCL Total Generation	5382	5023	5570	4612
Central Sector Receipt	7873	6951	5972	4418
WIND	552	417	1511	1920
CPP / IPP Thermal	4305	4053	4084	3194
CPP / IPP Gas	0	0	0	0
SOLAR	110	243	2	0
Exchange with Mumbai	-1273	-1386	-996	-740
MSEDCL DEMAND MET	16949	15301	16143	13404
Load Shedding	0	0	0	0
MSEDCL DEMAND	16949	15301	16143	13404
TPCL GENERATION	937	1038	1184	889
AEML GENERATION	500	487	496	491
MUMBAI DEMAND	2710	2911	2676	2120
STATE DEMAND MET	19659	18212	18819	15524
STATE DEMAND	19659	18212	18819	15524
Frequency (Hz)	50.04	50.02	49.92	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 09.01 Hrs	49.79 Hz at 18.19 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 07/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.61	23.96	160	0
Unit 7	0.00	0.00	0	0
Unit 8	4.55	8.14	350	0
Unit 9	8.58	65.43	415	310
Unit 10	8.86	67.87	460	300
Total	24.60	165.39		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.04	53.40	460	280
Unit 5	9.49	33.48	490	285
Total	18.53	103.94		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.89	33.74	248	173
Unit 8	4.52	31.29	206	168
Total	9.41	65.02		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	15.71	0	0
Unit 5	5.62	48.42	269	200
Unit 6	5.10	37.90	260	145
Unit 7	6.66	51.18	320	250
Unit 8	8.86	65.49	400	276
Unit 9	2.16	2.16	359	0
Total	28.40	232.38		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.82	27.76	200	136
Total	3.82	48.46		
Khaparkheda				
Unit 1	2.26	14.60	115	80
Unit 2	2.84	22.35	135	100
Unit 3	3.13	25.04	150	102
Unit 4	3.08	25.01	145	113
Unit 5	0.00	56.07	0	0
Total	11.30	143.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.91	25.70	197	0
Unit 5	0.00	0.00	0	0
Total	2.91	25.70		
Uran				
All Units	8.85	62.51	400	277
Total	8.85	62.51		
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)	0.39	2.83	24	0
Total	0.39	2.83		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.25	17.41	205	40
Stage 4	0.30	23.08	180	0
Stage 3	1.58	10.66	158	0
Total	3.13	51.15		
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.	0.39	2.63	40	0
SMLHY_PTN	5.30	39.75	256	197
GHATGHAR	1.16	4.33	250	0
Total	6.85	46.71		
Wind				
Total	26.52	136.11	0	0
Total	26.52	136.11		
CPP				
APML(Mus)	52.98	368.27	0	0
JSWEL(Mus)	9.07	101.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.68	183.18	0	0
SWPGPL-Mus	4.70	37.25	0	0
Other(Mus)	5.31	41.55	0	0
Total	96.74	731.29		
SOLAR				
Total	1.62	36.55	0	0
Total	1.62	36.55		
Tata				
Trombay 5	9.79	70.83	472	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	6.75	115	64
Trombay 7B	1.44	2.42	66	51
Trombay 8	4.82	33.11	225	134
TATA Hydro	3.41	25.65	326	0
Total	21.73	138.76		
AEMIL				
DTPS U-1&2	10.95	78.84	502	286
Total	10.95	78.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.97	783.96	MSPGCL Total	117.80	944.33
			MSPGCL Thml+Gas	107.82	846.47	Koyna 1,2 & 4 Total	1.55	40.49
			MSPGCL Hydro	9.98	97.86	State Total	275.36	2065.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	3750	306	388	4444	1059	4158	0	0	5405	5222	-678	14205	0	14205	2115	16320	50.00
2	3775	296	388	4459	1026	4119	0	0	5389	4836	-630	13810	0	13810	1965	15775	49.98
3	3708	294	388	4390	1139	4132	0	0	5325	5179	-601	14239	0	14239	1857	16096	50.00
4	3690	285	400	4375	1232	4097	0	0	5382	5351	-859	14196	0	14196	1767	15963	49.99
5	3907	281	389	4577	1109	4167	0	0	5281	5548	-933	14468	0	14468	1749	16217	49.93
6	4140	317	391	4848	917	4349	0	0	5680	5861	-1001	14974	0	14974	1825	16799	50.01
7	4217	370	313	4900	839	4383	0	6	6873	6863	-1041	15950	0	15950	1907	17857	50.01
8	4289	377	309	4975	856	4286	0	45	7405	7269	-1159	16272	0	16272	2101	18373	50.03
9	4377	388	296	5061	693	4424	0	75	7722	7568	-1237	16584	0	16584	2414	18998	50.04
10	4452	653	277	5382	552	4305	0	110	7862	7873	-1273	16949	0	16949	2710	19659	50.04
11	4291	685	310	5286	388	4273	0	116	8036	7788	-1323	16528	0	16528	2894	19422	50.00
12	4213	532	374	5119	429	4213	0	160	8130	7669	-1405	16185	0	16185	2955	19140	49.97
13	4143	495	385	5023	417	4053	0	243	7710	6951	-1386	15301	0	15301	2911	18212	50.02
14	4140	388	375	4903	603	4022	0	247	6881	6588	-1259	15104	0	15104	2776	17880	50.02
15	4018	352	392	4762	679	3974	0	324	6945	6193	-1256	14676	0	14676	2769	17445	49.94
16	4018	331	374	4723	1018	3870	0	183	6720	6920	-1270	15444	0	15444	2757	18201	50.00
17	4258	328	383	4969	1125	3832	0	86	6187	6265	-1155	15122	0	15122	2731	17853	49.96
18	4527	328	372	5227	1325	3796	0	25	6077	6130	-1104	15399	0	15399	2703	18102	49.95
19	4601	575	394	5570	1511	4084	0	2	5988	5972	-996	16143	0	16143	2676	18819	49.92
20	4501	627	375	5503	1685	4025	0	0	6258	5839	-983	16069	0	16069	2639	18708	49.97
21	4341	404	398	5143	1824	4022	0	0	5782	4907	-868	15028	0	15028	2502	17530	50.03
22	4020	462	390	4872	1998	3669	0	0	5575	4811	-793	14557	0	14557	2337	16894	50.02
23	3823	456	400	4679	2173	3292	0	0	4994	4540	-756	13928	0	13928	2202	16130	49.96
24	3770	454	388	4612	1920	3194	0	0	4852	4418	-740	13404	0	13404	2120	15524	49.99
MUs	98.97	9.98	8.85	117.80	26.52	96.74	0.00	1.62	152.46	146.56	-24.71	364.53	0.00	364.53	57.38	421.92	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 07/Sep/2021

Position as on 6.30 Hrs of 08/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	Nasik Unit 5	210	19/08/2021	00.00	08/09/2021	14.40	Coal Shortage. Which Was Tripped On BTL From 07:08:2021 At 20:45.	
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	
MSPGCL	Chandrapur Unit 9	500	31/08/2021	17.38	07/09/2021	14.27	Turbine vibration high.	
MSPGCL	Koradi Unit-8	660	01/09/2021	10.30	07/09/2021	07.53	MS outlet Valve Leakage	
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		Continued.	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		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	07/09/2021	06.04	07/09/2021	10.20	Instrumentation and control problem	
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	Parli Unit 8	250	08/09/2021	09.38	08/09/2021	12.37	Flame Failure	
MSPGCL	Uran Unit 8	108	08/09/2021	16.14		Continued.	Due to Y-Phase jumper broken at Transco side fault.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 07/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 08/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
Chandrapur - Padghe Hvdc Pole 2	IntraState	08/09/2021	00.24	08/09/2021	04.30	EO	Buccholz alarm of smoothing reactor work.
400 KV LINE Outages/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Chandrapur Bhadravati I	InterState	01/09/2021	09.50	08/09/2021	22.32	PO	Replacement of HCB Isolators
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	06/09/2021	19.54	07/09/2021	11.14	HT	Over Voltage
Girwali- Lonikand 2	IntraState	06/09/2021	22.05	07/09/2021	08.31	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	07/09/2021	09.04	07/09/2021	16.29	PO	Polymer string replacement work .
Taptitanda Waluj	IntraState	07/09/2021	21.10	08/09/2021	14.40	T	Distance Protection
Bus Coupler @ Kalwa	IntraState	08/09/2021	04.54	08/09/2021	06.26	EO	Attending Hot Spot
Lonikand I - Koyna stage-IV	IntraState	08/09/2021	09.29	08/09/2021	14.30	PO	Polymer string replacement work under R&M scheme.
Khadka-Aurangabad (Waluj)	IntraState	08/09/2021	22.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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 @Dhule	IntraState	08/09/2021	13.50	08/09/2021	18.50	PO	Carry out maintenance on auxiliary bus (89C) isolator.
220 KV LINE Outages/Tripping							
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		Continued.	HT	To control line loading of 220kv Nasik-Bableshwar ckt.
Kalwa-TIFIL	IntraState	23/07/2021	11.12	07/09/2021	10.55	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Raymond - Washala	IntraState	03/09/2021	09.50		Continued.	PO	Samruddhi highway project work
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	05/09/2021	21.08	07/09/2021	15.44	T	Distance Protection
Yeotmal- Pusad	IntraState	06/09/2021	17.50	07/09/2021	11.54	T	Distance Protection
Nagothane-Wadkhal-I	IntraState	07/09/2021	08.36	07/09/2021	14.30	PO	For attending hotspot at Loc.No.24, (New line) emergency tree cutting, Loc.No.-15 cross arm jumper providing work and routine maintenance work.
Nanded-Parbhani	IntraState	07/09/2021	12.25	07/09/2021	18.55	PO	Replacement of 19 core faulty cable between control panel & relay panel.
Nagothane-Wadkhal II	IntraState	07/09/2021	14.48	07/09/2021	19.22	PO	For attending hotspot at Loc.No.30(Old line), emergency tree cutting, missing jumper Nutbolt providing at Loc.No.30 &10 routine maintenance work.
Dondaicha- Shahada	IntraState	07/09/2021	20.08	07/09/2021	22.10	T	Distance Protection
Apta - Taloja	IntraState	07/09/2021	20.15	07/09/2021	22.30	EO	For testing the operation of overloading contact of backup relay to confirm Kalwa

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 07/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 08/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							interconnection closing operations from 220kV Apta end.
Uran - Kharghar I	IntraState	08/09/2021	08.04	08/09/2021	09.26	PO	Stringing on newly erected CT tower at proposed waghivali GIS and charging of cable from CTT to proposed Ulwe GIS.
New Koyna - Pedambe	IntraState	08/09/2021	08.47	08/09/2021	19.40	PO	R-Phase CT to line side isolator conductor strands found open.
Theur- Magar Patta City	IntraState	08/09/2021	08.48	08/09/2021	13.56	EO	Attending Hot Spot
Khaparkheda-Ambazari-Ii	IntraState	08/09/2021	09.51	08/09/2021	18.33	PO	Replacement of Flashover String
K'Kheda- Suryalakshmi	IntraState	08/09/2021	10.00	08/09/2021	17.24	T	Replacement of Flashover String
Osmanabad - Barshi	IntraState	08/09/2021	10.05	08/09/2021	13.44	PO	Quarterly Maintenance Work
Malinagar - Tembhurni	IntraState	08/09/2021	10.36	08/09/2021	17.35	PO	Quarterly Maintenance Work
Kalmeshwar-Pandhurna	IntraState	08/09/2021	10.42	08/09/2021	15.36	PO	Routine Maintenance Work
Dondaicha- Shahada	IntraState	08/09/2021	11.17	08/09/2021	18.14	PO	CB Overhauling work
Main Bus Section-I@ Pedambe	IntraState	08/09/2021	15.13	08/09/2021	18.48	EO	Y-Ph main bus side isolator to main bus conductor damaged,due to heavy sparking.
220KV Chalisagaon-Kopergaon	IntraState	08/09/2021	16.15	08/09/2021	19.51	EO	To attend Hot Spot
Kalwa1- Airoli Knowledge Park	IntraState	08/09/2021	17.44	08/09/2021	21.38	EO	Attending Hot Spot
Kandalgaon - Sona Alloys	IntraState	08/09/2021	21.16		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	07/09/2021	21.02	07/09/2021	21.29	T	LV side tripped, Bus protection optd.
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	07/09/2021	21.02	08/09/2021	00.15	T	LV side tripped, Bus protection optd.
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	07/09/2021	21.02	07/09/2021	21.34	T	LV side tripped, Bus protection optd.
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	07/09/2021	21.02	07/09/2021	21.29	T	LV side tripped, Bus protection optd.

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