

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.835	1003.355	1) Gujrat	-7.464	-24.950
2) Hydro	11.150	172.418	2) Madhya Pradesh	7.296	73.103
3) Gas	6.566	48.786	3) Chattisgarh	4.670	41.900
Total MSPGCL	127.551	1224.559	4) Maharashtra	156.530	1383.999
B) 1) APML	59.211	626.557	5) Goa (Amona)	-0.225	-5.935
2) JSWEL	19.975	177.158	Total	160.807	1468.117
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.880	278.974
4) RPL(AMT)	24.701	268.718	b) Mumbai Drawl	29.962	282.029
5) SWPGPL	7.502	45.971	c) MSEDCL Bilateral *	41.482	423.418
6) Other IPP	7.744	70.042	Include PX	7.743	151.183
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.880	276.588
C) 1) TPCL Thermal	13.425	102.899	Include PX	14.748	120.078
2) TPCL Hydro	6.135	63.902	Standby	0.000	2.386
3) TPCL Gas	2.288	20.049	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.015	54.059	1) MSEDCL	395.712	3862.693
D) STATE			2) Mumbai Discoms	57.825	522.939
1) Thermal	248.408	2348.759	TOTAL STATE	453.537	4385.632
(A1+C1+C4+(B1-B6))					
2) Hydro	17.285	236.320			
(A2+C2)					
3) Gas	8.854	68.835			
(A3+B7+C3)					
4) Wind	13.457	203.417			
6) SOLAR	4.726	60.183			
TOTAL STATE	292.730	2917.514			

* 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	4715	4389	4910	4327
MSPGCL Hydro	401	283	599	274
MSPGCL Gas	270	266	269	274
MSPGCL Total Generation	5386	4938	5778	4875
Central Sector Receipt	8280	8235	6309	6011
WIND	242	282	756	765
CPP / IPP Thermal	5004	4584	5061	4699
CPP / IPP Gas	0	0	0	0
SOLAR	489	778	0	0
Exchange with Mumbai	-1607	-1514	-1119	-941
MSEDCL DEMAND MET	17794	17303	16785	15409
Load Shedding	0	0	0	0
MSEDCL DEMAND	17794	17303	16785	15409
TPCL GENERATION	969	1091	1093	719
AEML GENERATION	250	251	251	251
MUMBAI DEMAND	2826	2856	2463	1911
STATE DEMAND MET	20620	20159	19248	17320
STATE DEMAND	20620	20159	19248	17320
Frequency (Hz)	50.08	49.99	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 10.25 Hrs	49.79 Hz at 05.52 Hrs	50.01	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/Jul/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	1.34	80.53	340	0
Unit 9	7.20	84.16	350	236
Unit 10	7.64	66.52	360	295
Total	16.17	231.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.57	71.45	440	280
Unit 5	8.68	72.97	440	285
Total	17.24	144.42		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.90	8.92	221	198
Total	4.90	8.92		
Chandrapur				
Unit 3	3.50	29.62	150	139
Unit 4	2.53	12.42	160	0
Unit 5	8.47	77.86	361	252
Unit 6	8.71	60.20	395	290
Unit 7	0.00	0.00	0	0
Unit 8	9.88	94.09	450	345
Unit 9	10.01	90.64	450	391
Total	43.11	364.83		
Paras				
Unit 3	4.49	43.84	215	155
Unit 4	0.00	16.43	0	0
Total	4.49	60.27		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.91	17.92	165	100
Unit 3	3.68	21.02	190	130
Unit 4	3.84	21.46	205	130
Unit 5	9.86	102.10	450	350
Total	20.28	162.50		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.64	17.09	200	124
Total	3.64	31.19		
Uran				
All Units	6.57	48.79	294	264
Total	6.57	48.79		
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)	0.10	3.08	20	0
Total	0.10	3.08		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.06	38.26	465	35
Stage 4	1.05	62.37	340	0
Stage 3	1.48	24.18	160	0
Total	5.60	124.80		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.16	0	0
BHIRA T.R.	0.44	4.10	80	0
SMLHY_PTN	5.11	41.30	229	194
GHATGHAR	0.00	1.06	0	0
Total	5.55	47.62		
Wind				
Total	13.46	203.42	0	0
Total	13.46	203.42		
CPP				
APML(Mus)	59.21	626.56	0	0
JSWEL(Mus)	19.98	177.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.70	268.72	0	0
SWPGPL-Mus	7.50	45.97	0	0
Other(Mus)	7.74	70.04	0	0
Total	119.13	1188.45		
SOLAR				
Total	4.73	60.18	0	0
Total	4.73	60.18		
Tata				
Trombay 5	9.61	93.01	474	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.26	10.98	56	51
Trombay 7B	1.03	9.07	45	41
Trombay 8	3.81	9.89	160	157
TATA Hydro	6.14	63.90	421	134
Total	21.85	186.85		
AEML				
DTPS U-1&2	6.02	54.06	251	250
Total	6.02	54.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.84	1003.36	MSPGCL Total	127.55	1224.56
			MSPGCL Thml+Gas	116.40	1052.14	Koyna 1,2 & 4 Total	4.12	100.63
			MSPGCL Hydro	11.15	172.42	State Total	292.73	2917.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jul/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	4648	268	274	5190	634	5047	0	0	5857	5982	-1199	15654	0	15654	2310	17964	50.03
2	4569	262	284	5115	793	4997	0	0	5945	5610	-1086	15429	0	15429	2150	17579	50.01
3	4419	271	274	4964	799	4730	0	0	6022	5851	-997	15347	0	15347	2015	17362	50.03
4	4327	274	274	4875	765	4699	0	0	5910	6011	-941	15409	0	15409	1911	17320	50.03
5	4368	278	283	4929	689	4677	0	0	5990	6314	-924	15685	0	15685	1875	17560	49.98
6	4420	511	272	5203	584	5107	0	0	6284	6418	-926	16386	0	16386	1911	18297	49.91
7	4525	1055	274	5854	521	5220	0	23	6600	6834	-924	17528	0	17528	1945	19473	49.96
8	4604	871	274	5749	378	5280	0	130	7406	7412	-1005	17944	0	17944	2081	20025	50.01
9	4517	337	283	5137	353	5300	0	243	8083	7872	-1263	17642	0	17642	2341	19983	49.96
10	4630	512	285	5427	336	5066	0	376	7946	8317	-1536	17986	0	17986	2627	20613	50.05
11	4715	401	270	5386	242	5004	0	489	8461	8280	-1607	17794	0	17794	2826	20620	50.08
12	4600	362	269	5231	204	4964	0	645	8534	7880	-1542	17382	0	17382	2883	20265	50.03
13	4389	283	266	4938	282	4584	0	778	8546	8235	-1514	17303	0	17303	2856	20159	49.99
14	4375	487	266	5128	415	4508	0	724	7574	7657	-1597	16835	0	16835	2753	19588	49.99
15	4571	394	266	5231	606	4832	0	623	7318	7099	-1645	16746	0	16746	2786	19532	50.03
16	4481	297	264	5042	484	4948	0	434	7227	7156	-1633	16431	0	16431	2772	19203	50.00
17	4450	866	273	5589	382	4940	0	199	6920	6980	-1554	16536	0	16536	2685	19221	50.01
18	4558	641	265	5464	435	4946	0	59	6659	6668	-1382	16190	0	16190	2591	18781	50.02
19	4746	491	266	5503	508	5022	0	3	6407	6315	-1246	16105	0	16105	2464	18569	50.02
20	4910	599	269	5778	756	5061	0	0	6326	6309	-1119	16785	0	16785	2463	19248	49.95
21	4936	456	273	5665	848	5082	0	0	6166	5438	-1018	16015	0	16015	2420	18435	50.01
22	4641	419	274	5334	894	4985	0	0	5932	5547	-1021	15739	0	15739	2373	18112	50.03
23	4730	516	294	5540	821	5055	0	0	5287	5505	-1122	15799	0	15799	2391	18190	50.02
24	4706	299	274	5279	728	5079	0	0	5456	5117	-1161	15042	0	15042	2396	17438	50.00
MUs	109.84	11.15	6.57	127.55	13.46	119.13	0.00	4.73	162.86	160.81	-29.96	395.71	0.00	395.71	57.83	453.54	50.01

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/Jul/2021

Position as on 6.30 Hrs of 10/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
AEML	AEML Unit 1	250	19/05/2021	09.52	10/07/2021	23.44	HP turbine replacement.	
MSPGCL	Khaparkheda Unit 1	210	11/06/2021	23.58		Continued.	Annual Overhaul	
IPP	JSW (J) U3	300	09/07/2021	12.12		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	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	03/07/2021	23.49	09/07/2021	04.00	Super Heater Spray valve heavy Leakage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
IPP	Adani U-2	660	07/07/2021	03.59		Continued.	Aph-B hot PA bellow leakage.	
MSPGCL	Paras Unit 4	250	08/07/2021	17.28	10/07/2021	16.46	Tripped on electrical fault.	
MSPGCL	Koradi Unit-8	660	09/07/2021	05.48	09/07/2021	23.14	Flame Failure	
IPP	RPL(AMT) U-3	270	09/07/2021	09.15	10/07/2021	17.28	Bottom Ash problem.	
MSPGCL	Chandrapur Unit 5	500	09/07/2021	23.48		Continued.	Flame Failure	
MSPGCL	Koradi Unit 10	660	10/07/2021	04.48		Continued.	OLTC valve Leakage.	

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

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	09/07/2021	13.03	09/07/2021	18.07	T	Replacement of R ph 410 89T IV side female isolator arm due to burning inside arm near stud (149 deg)& subsequent alignment by OEM.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	10/07/2021	17.50	10/07/2021	20.00	EO	Water leakage observed at Pole 1 B phase valve.
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 - Bableshtar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
TBC @ Dhule	IntraState	08/07/2021	11.45		Continued.	PO	CGL Make CB Overhauling & MTAMC Work.
New Koyna - Koyna Stage IV-II	IntraState	09/07/2021	06.46	09/07/2021	17.42	PO	Routine Maintenance Work
Deepnagar - Aurangabad	IntraState	09/07/2021	09.50	09/07/2021	12.43	PO	Replacement of faulty disc insulator string.
Bus Coupler @ Kharghar	IntraState	09/07/2021	11.05	09/07/2021	18.50	PO	Routine Maintenance Work & Diagnostic Testing & Relay Testing Work.
Bhusawal-Aurangabad	IntraState	09/07/2021	20.36	10/07/2021	08.04	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	10/07/2021	08.28	10/07/2021	18.45	PO	Replacement of faulty disc insulator string.
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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	09/07/2021	09.35	09/07/2021	18.20	PO	Replacement of aircell balloon and MOG of B ph.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	09/07/2021	11.52	09/07/2021	19.45	PO	Hot Spot Attending Work on 220KV Side Bushing.
400/220 kv 167 MVA Spare ICT @Deepnagar	IntraState	10/07/2021	10.29	10/07/2021	12.17	PO	For replacing the N2 gas cylinder of CTR panel.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	10/07/2021	14.45	10/07/2021	17.35	PO	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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	09/07/2021	11.07	09/07/2021	16.38	PO	Maintenance Work. GETCO Work.
Borivali(MS) Boisar(PG)	InterState	09/07/2021	21.35	10/07/2021	04.08	HT	For Load Management.
Boisar(MS) - Boisar (PG) - I	InterState	09/07/2021	22.38	10/07/2021	04.00	EO	Attending Hot Spot
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25		Continued.	T	Distance Protection (Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
Mulund - GIS Bhandup	IntraState	01/07/2021	09.37		Continued.	PO	project work of bay strengthening on 200kv Mulund-Bhandup GIS line bay at 220kv Mulund substation
Kalwa - Mulund 1	IntraState	01/07/2021	09.39		Continued.	PO	project work of bay strengthening on 220kv Mulund-Bhandup GIS line bay along with replacement of C&R panel of 220 kalwa-1 at 220kv Mulund substation.
REL Borivali TPC Borivali line	IntraState	09/07/2021	00.59	09/07/2021	02.34	T	Distance Protection

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/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ghatghar - Jindal	IntraState	09/07/2021	09.21	09/07/2021	19.37	PO	Damaged Conductor Replacement Between loc.No. 178-194 & Insulator Replacement Loc.No.178,179,180,181.
Kalwa-TIFIL	IntraState	09/07/2021	09.51	09/07/2021	11.14	PO	Attending Hot Spot
Trombay MSETCL Tie 1	IntraState	09/07/2021	10.04	09/07/2021	15.47	PO	PM Work & GOD Overhauling Work.
Apta - Taloja	IntraState	09/07/2021	10.22	09/07/2021	18.15	PO	Replacement Of Flashover polymer Insulator At Loc. No. 593 (Top Phase),Attending Hot spot At Loc.NO.591 (Middle & Bottom Phase),Line Signature Analysis Test.
Chalishaon-Sayne	IntraState	09/07/2021	11.10	09/07/2021	15.23	PO	Maintenance Work & Diagnostic Testing Work (CT C & Tan D Testing) CT Oil Leakage Attending.
Dondaicha(220)-Amalner(220)	IntraState	09/07/2021	11.33	09/07/2021	17.41	PO	For the Work Of Replacement Of R PH Flashover String Loc.no.63 & At Loc.No.80 To Attending Red HOt & To Removing Wrapped Plastic paper Observed In Monkey Patrolling.
Bapgaon - Kalwa	IntraState	09/07/2021	11.36	09/07/2021	15.21	PO	For Attending Oil Leakage From Y PH CT by Cold Welding Method.
Chikhli-Jalna-II	IntraState	09/07/2021	20.00	10/07/2021	22.06	HT	To Control loading On Akola ICT.
Chikhli-Jalna-I	IntraState	09/07/2021	20.00	10/07/2021	22.06	T	To Control loading On Akola ICT.
Boisar Versova Line	IntraState	09/07/2021	21.08	10/07/2021	04.14	HT	For Load Management.
Parli 2-(Girwali) -Murud	IntraState	09/07/2021	22.38		Continued.	HT	Due To BKR Problem TBC Is Under Outage.
Kalwa1- Airoli Knowledge Park	IntraState	10/07/2021	06.47	10/07/2021	08.40	PO	Attending Hot Spot
Uran - Kharghar 2	IntraState	10/07/2021	10.18		Continued.	PO	Carrying out the new conductor stringing at Loc.No.46(New) and 47(New) for height raising work i.e. stringing of new conductor from Loc.No.45 to 48.
Bableshwar -Ahamadnagar-I	IntraState	10/07/2021	10.22	10/07/2021	20.01	PO	CT testing.
Kharghar - Nerul	IntraState	10/07/2021	12.16	10/07/2021	16.42	PO	Y phase CT conductor strands broken. Same conductor will be replaced.
Flagship-Nandedcity	IntraState	10/07/2021	17.50	10/07/2021	18.02	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33 Kv 100 Mva Cgl Ptr 4 @Jamde	IntraState	09/07/2021	11.44	09/07/2021	16.41	PO	Relay Testing Work.
220/132 Kv 100 Mva Emco lct @Bhenda	IntraState	10/07/2021	09.15	10/07/2021	16.35	PO	OLTC overhauling work.
220/132 kv 200MVA ICT II @ Girwali	IntraState	10/07/2021	10.13	10/07/2021	13.30	PO	CTR maintenance.
220/132 Kv 100 Mva lct 1 @Tuljapur	IntraState	10/07/2021	10.23	10/07/2021	19.48	PO	Tan delta test.
220/22 Kv 50 Mva Bb Ptr 2 @Kalwa	IntraState	10/07/2021	12.50	10/07/2021	13.51	EO	For attending 22Kv bus isolator red hot by Discom.

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