

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jul/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.909	893.520	1) Gujrat	-3.448	-17.486
2) Hydro	7.159	161.268	2) Madhya Pradesh	7.089	65.807
3) Gas	6.549	42.220	3) Chattisgarh	4.190	37.230
Total MSPGCL	141.617	1097.008	4) Maharashtra	162.917	1227.469
B) 1) APLM	59.003	567.346	5) Goa (Amona)	-0.402	-5.710
2) JSWEL	20.663	157.183	Total	170.346	1307.310
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.468	248.094
4) RPL(AMT)	29.434	244.017	b) Mumbai Drawl	31.746	252.067
5) SWPGPL	6.540	38.469	c) MSEDCL Bilateral *	44.451	381.935
6) Other IPP	7.795	62.298	Include PX	12.418	143.439
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.468	245.708
C) 1) TPCL Thermal	14.072	89.474	Include PX	19.217	105.329
2) TPCL Hydro	5.444	57.767	Standby	0.000	2.386
3) TPCL Gas	2.247	17.761	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.016	48.044	1) MSEDCL	427.678	3466.981
D) STATE			2) Mumbai Discoms	59.525	465.114
1) Thermal	271.432	2100.351	TOTAL STATE	487.203	3932.095
(A1+C1+C4+(B1-B6))					
2) Hydro	12.603	219.035			
(A2+C2)					
3) Gas	8.796	59.981			
(A3+B7+C3)					
4) Wind	18.756	189.960			
6) SOLAR	5.270	55.457			
TOTAL STATE	316.857	2624.784			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5277	5415	5173	4661
MSPGCL Hydro	340	315	441	285
MSPGCL Gas	269	265	272	284
MSPGCL Total Generation	5886	5995	5886	5230
Central Sector Receipt	8792	8524	6041	6327
WIND	533	501	723	546
CPP / IPP Thermal	5213	5198	5275	4810
CPP / IPP Gas	0	0	0	0
SOLAR	688	682	0	0
Exchange with Mumbai	-1588	-1585	-1156	-1225
MSEDCL DEMAND MET	19524	19315	16769	15688
Load Shedding	0	0	0	0
MSEDCL DEMAND	19524	19315	16769	15688
TPCL GENERATION	1081	1045	1051	919
AEML GENERATION	251	250	251	251
MUMBAI DEMAND	2920	2880	2458	2395
STATE DEMAND MET	22444	22195	19227	18083
STATE DEMAND	22444	22195	19227	18083
Frequency (Hz)	49.99	49.99	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 08.49 Hrs	49.87 Hz at 13.30 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 08/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	10.21	79.19	535	330
Unit 9	10.24	76.97	519	330
Unit 10	9.02	58.89	400	340
Total	29.47	215.05		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.80	62.88	460	285
Unit 5	9.86	64.30	485	295
Total	19.66	127.18		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.00	4.02	208	32
Total	4.00	4.02		
Chandrapur				
Unit 3	3.55	26.11	151	142
Unit 4	0.00	9.89	0	0
Unit 5	8.75	69.40	391	340
Unit 6	9.16	51.49	406	360
Unit 7	0.00	0.00	0	0
Unit 8	10.76	84.20	457	435
Unit 9	10.27	80.63	440	403
Total	42.48	321.72		
Paras				
Unit 3	4.24	39.35	220	155
Unit 4	3.29	16.43	249	0
Total	7.53	55.78		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.00	15.02	175	115
Unit 3	3.42	17.34	185	130
Unit 4	3.44	17.62	205	130
Unit 5	11.66	92.24	500	457
Total	21.52	142.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.25	13.45	175	128
Total	3.25	27.55		
Uran				
All Units	6.55	42.22	292	263
Total	6.55	42.22		
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)	0.09	2.98	23	0
Total	0.09	2.98		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.43	35.19	185	40
Stage 4	0.00	61.32	0	0
Stage 3	0.39	22.70	80	0
Total	1.82	119.21		
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	3.66	80	0
SMLHY_PTN	4.90	36.19	232	154
GHATGHAR	0.00	1.06	0	0
Total	5.34	42.06		
Wind				
Total	18.76	189.96	0	0
Total	18.76	189.96		
CPP				
APML(Mus)	59.00	567.35	0	0
JSWEL(Mus)	20.66	157.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.43	244.02	0	0
SWPGPL-Mus	6.54	38.47	0	0
Other(Mus)	7.80	62.30	0	0
Total	123.44	1069.31		
SOLAR				
Total	5.27	55.46	0	0
Total	5.27	55.46		
Tata				
Trombay 5	10.24	83.40	448	402
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	9.72	54	51
Trombay 7B	1.01	8.04	43	42
Trombay 8	3.84	6.08	162	159
TATA Hydro	5.44	57.77	425	36
Total	21.76	165.00		
AEMIL				
DTPS U-1&2	6.02	48.04	251	250
Total	6.02	48.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.91	893.52	MSPGCL Total	141.62	1097.01
			MSPGCL Thml+Gas	134.46	935.74	Koyna 1,2 & 4 Total	1.43	96.51
			MSPGCL Hydro	7.16	161.27	State Total	316.86	2624.78

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/Jul/2021

Annexure-2

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	5593	236	267	6096	739	5361	0	0	6999	6746	-1383	17559	0	17559	2562	20121	50.01
2	5478	202	277	5957	948	5338	0	0	6746	6489	-1313	17419	0	17419	2380	19799	50.02
3	5617	194	269	6080	1164	5329	0	0	6210	6081	-1191	17463	0	17463	2235	19698	50.05
4	5471	209	268	5948	1088	5324	0	0	6275	5926	-1151	17135	0	17135	2126	19261	50.03
5	5422	241	268	5931	958	5260	0	0	6511	6352	-1107	17394	0	17394	2075	19469	50.02
6	5408	255	269	5932	853	5213	0	0	7306	7291	-1107	18182	0	18182	2079	20261	50.05
7	5919	266	281	6466	760	5282	0	26	7761	7493	-1110	18917	0	18917	2077	20994	50.04
8	5887	261	274	6422	596	5245	0	136	8096	7958	-1194	19163	0	19163	2194	21357	50.03
9	5704	249	277	6230	552	5266	0	372	7933	8016	-1329	19107	0	19107	2440	21547	50.08
10	5601	249	285	6135	521	5209	0	587	8202	8062	-1583	18931	0	18931	2673	21604	50.05
11	5225	338	280	5843	585	5259	0	733	8655	8690	-1679	19431	0	19431	2846	22277	50.02
12	5277	340	269	5886	533	5213	0	688	8721	8792	-1588	19524	0	19524	2920	22444	49.99
13	5415	315	265	5995	501	5198	0	682	8783	8524	-1585	19315	0	19315	2880	22195	49.99
14	5232	301	263	5796	581	5246	0	634	8626	8344	-1664	18937	0	18937	2781	21718	49.98
15	5152	396	263	5811	787	4942	0	607	8400	8446	-1643	18950	0	18950	2796	21746	49.96
16	5434	308	264	6006	1004	4844	0	421	8248	7672	-1484	18463	0	18463	2758	21221	49.98
17	5019	249	269	5537	1358	4676	0	264	7940	7463	-1344	17954	0	17954	2677	20631	49.96
18	4899	383	273	5555	1380	4415	0	99	6765	6580	-1271	16758	0	16758	2557	19315	50.01
19	5149	290	292	5731	971	5078	0	21	6322	5923	-1302	16422	0	16422	2457	18879	49.99
20	5173	441	272	5886	723	5275	0	0	6463	6041	-1156	16769	0	16769	2458	19227	50.01
21	5106	397	272	5775	479	5254	0	0	6055	5717	-1107	16118	0	16118	2419	18537	50.02
22	5096	391	274	5761	581	5252	0	0	5842	5600	-1083	16111	0	16111	2365	18476	50.03
23	4971	363	274	5608	548	5146	0	0	5887	5813	-1147	15968	0	15968	2375	18343	50.01
24	4661	285	284	5230	546	4810	0	0	6233	6327	-1225	15688	0	15688	2395	18083	50.03
MUs	127.91	7.16	6.55	141.62	18.76	123.44	0.00	5.27	174.98	170.35	-31.75	427.68	0.00	427.68	59.52	487.20	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 08/Jul/2021

Position as on 6.30 Hrs of 09/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		Continued.	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.	
IPP	JSW (J) U2	300	20/06/2021	04.30	08/07/2021	11.14	Generator maintenance work.	
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		Continued.	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		Continued.	Bottom Ash problem.	
MSPGCL	Chandrapur Unit 5	500	09/07/2021	23.48		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 09/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							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	08/07/2021	15.07	08/07/2021	19.17	EO	Attending Hot Spot
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.
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 Wardha li	InterState	07/07/2021	22.30	08/07/2021	01.30	T	Distance Protection
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.
Taptitanda Waluj	IntraState	08/07/2021	13.35	08/07/2021	20.00	HT	To control ICT loading
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		Continued.	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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	08/07/2021	09.23	08/07/2021	19.42	PO	REF & NDR Relay testing work & maintenance work.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	08/07/2021	12.08	08/07/2021	18.20	PO	Annual testing & Maintenance work.
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.
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		Continued.	HT	For Load Management.
Boisar(MS) - Boisar (PG) - I	InterState	09/07/2021	22.38		Continued.	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.
IPCL - SPCL	IntraState	08/07/2021	09.43	08/07/2021	20.28	PO	Earth wire replacement work from loc 44-48
Khaparkheda-Kalmeshwar	IntraState	08/07/2021	11.57	08/07/2021	17.58	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 08/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 09/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	08/07/2021	12.20	08/07/2021	14.20	PO	CT Tan delta testing work.
REL Borivali TPC Borivali line	IntraState	09/07/2021	00.59	09/07/2021	02.34	T	Distance Protection
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.
Chalisingaon-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.
Bappaon - 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-I	IntraState	09/07/2021	20.00		Continued.	T	To Control loading On Akola ICT.
Chikhli-Jalna-II	IntraState	09/07/2021	20.00		Continued.	HT	To Control loading On Akola ICT.
Boisar Versova Line	IntraState	09/07/2021	21.08		Continued.	HT	For Load Management.
Parli 2-(Girwali) -Murud	IntraState	09/07/2021	22.38		Continued.	HT	Due To BKR Problem TBC Is Under Outage.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	08/07/2021	09.30	08/07/2021	14.00	PO	Half yearly maintenance work
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	08/07/2021	11.07	08/07/2021	18.04	PO	Buchholz relay replacement work & RM work
220/33 Kv 100 Mva Cgl Ptr 4 @Jamde	IntraState	09/07/2021	11.44	09/07/2021	16.41	PO	Relay Testing Work.

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