

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jul/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.164	1425.622	1) Gujrat	-11.172	-71.587
2) Hydro	8.185	209.002	2) Madhya Pradesh	3.636	85.732
3) Gas	3.321	65.667	3) Chattisgarh	1.480	54.670
Total MSPGCL	118.670	1700.291	4) Maharashtra	128.140	1946.434
B) 1) APML	65.023	876.887	5) Goa (Amona)	-0.895	-8.171
2) JSWEL	18.609	252.028	Total	121.189	2007.078
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.260	392.502
4) RPL(AMT)	21.881	359.194	b) Mumbai Drawl	27.642	387.057
5) SWPGPL	6.283	72.664	c) MSEDCL Bilateral *	22.824	530.683
6) Other IPP	6.777	98.187	Include PX	-5.860	141.436
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.260	390.076
C) 1) TPCL Thermal	13.206	153.866	Include PX	15.853	182.141
2) TPCL Hydro	2.428	74.542	Standby	0.000	2.426
3) TPCL Gas	2.664	30.400	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.467	87.856	1) MSEDCL	375.986	5373.394
D) STATE			2) Mumbai Discoms	53.407	733.721
1) Thermal	246.410	3326.304	TOTAL STATE	429.393	6107.115
(A1+C1+C4+(B1-B6))					
2) Hydro	10.613	283.544			
(A2+C2)					
3) Gas	5.985	96.067			
(A3+B7+C3)					
4) Wind	40.086	312.985			
6) SOLAR	5.110	81.137			
TOTAL STATE	308.204	4100.037			

* 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	4571	4026	4865	4383
MSPGCL Hydro	299	296	358	345
MSPGCL Gas	138	138	140	138
MSPGCL Total Generation	5008	4460	5363	4866
Central Sector Receipt	6117	6258	4519	4632
WIND	1459	1692	2035	1071
CPP / IPP Thermal	5157	4376	5281	4729
CPP / IPP Gas	0	0	0	0
SOLAR	612	622	0	0
Exchange with Mumbai	-1570	-1288	-1028	-824
MSEDCL DEMAND MET	16783	16120	16170	14474
Load Shedding	0	0	0	0
MSEDCL DEMAND	16783	16120	16170	14474
TPCL GENERATION	761	1045	1001	529
AEML GENERATION	430	363	247	396
MUMBAI DEMAND	2761	2696	2276	1749
STATE DEMAND MET	19544	18816	18446	16223
STATE DEMAND	19544	18816	18446	16223
Frequency (Hz)	50.03	50.02	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06:02 Hrs	49.87 Hz at 14:56 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 13/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	10.73	118.74	493	371
Unit 9	0.00	98.54	0	0
Unit 10	8.82	79.52	422	310
Total	19.55	296.81		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	6.90	104.03	385	280
Unit 5	7.19	105.78	360	285
Total	14.09	209.80		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	22.08	0	0
Total	0.00	22.08		
Chandrapur				
Unit 3	3.25	42.85	153	120
Unit 4	3.49	26.51	170	118
Unit 5	7.65	98.34	380	280
Unit 6	7.55	92.44	385	270
Unit 7	1.23	1.23	217	0
Unit 8	9.14	133.32	440	274
Unit 9	9.19	129.16	451	277
Total	41.50	523.84		
Paras				
Unit 3	3.90	60.28	170	156
Unit 4	3.72	29.12	167	147
Total	7.61	89.40		
Khaparkheda				
Unit 1	2.38	2.42	125	60
Unit 2	2.79	29.69	120	110
Unit 3	3.26	34.50	144	130
Unit 4	3.18	35.04	135	130
Unit 5	9.71	138.18	465	310
Total	21.31	239.83		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.10	29.76	135	122
Total	3.10	43.86		
Uran				
All Units	3.32	65.67	140	136
Total	3.32	65.67		
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)	0.07	3.36	23	0
Total	0.07	3.36		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.30	45.42	240	40
Stage 4	0.00	62.60	0	0
Stage 3	1.36	29.27	136	0
Total	2.66	137.29		
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.	0.42	5.61	40	0
SMLHY_PTN	5.11	62.52	221	205
GHATGHAR	0.00	2.43	0	0
Total	5.53	71.72		
Wind				
Total	40.09	312.98	0	0
Total	40.09	312.98		
CPP				
APML(Mus)	65.02	876.89	0	0
JSWEL(Mus)	18.61	252.03	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.88	359.19	0	0
SWPGPL-Mus	6.28	72.66	0	0
Other(Mus)	6.78	98.19	0	0
Total	118.57	1658.96		
SOLAR				
Total	5.11	81.14	0	0
Total	5.11	81.14		
Tata				
Trombay 5	8.94	130.57	469	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	16.75	62	62
Trombay 7B	1.18	13.65	49	49
Trombay 8	4.26	23.29	217	137
TATA Hydro	2.43	74.54	259	0
Total	18.30	258.81		
AEML				
DTPS U-1&2	7.47	87.86	487	149
Total	7.47	87.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.16	1425.62	MSPGCL Total	118.67	1700.29
			MSPGCL Thml+Gas	110.48	1491.29	Koyna 1,2 & 4 Total	1.30	108.01
			MSPGCL Hydro	8.18	209.00	State Total	308.20	4100.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	4567	394	138	5099	977	5600	0	0	4100	4042	-1090	14628	0	14628	2045	16673	49.98
2	4521	331	136	4988	925	5585	0	0	4033	3965	-986	14477	0	14477	1920	16397	50.02
3	4449	336	138	4923	954	5135	0	0	4579	4395	-888	14519	0	14519	1812	16331	50.04
4	4383	345	138	4866	1071	4729	0	0	4806	4632	-824	14474	0	14474	1749	16223	50.03
5	4328	339	138	4805	1316	4825	0	0	4802	4749	-812	14883	0	14883	1739	16622	49.97
6	4467	333	139	4939	1587	5082	0	0	4766	4840	-874	15574	0	15574	1803	17377	50.05
7	4758	331	140	5229	1780	5514	0	46	5171	4918	-956	16531	0	16531	1855	18386	50.10
8	4504	272	139	4915	1539	5154	0	207	5574	5966	-1184	16597	0	16597	2014	18611	50.06
9	4664	255	137	5056	1384	5389	0	438	5668	5818	-1461	16624	0	16624	2304	18928	50.00
10	4625	306	139	5070	1380	5598	0	531	6216	5917	-1729	16767	0	16767	2570	19337	50.00
11	4571	299	138	5008	1459	5157	0	612	6657	6117	-1570	16783	0	16783	2761	19544	50.03
12	4398	311	139	4848	1572	4611	0	641	6517	6028	-1247	16453	0	16453	2783	19236	50.02
13	4026	296	138	4460	1692	4376	0	622	6518	6258	-1288	16120	0	16120	2696	18816	50.02
14	3924	304	139	4367	2016	4176	0	653	6482	5813	-1341	15684	0	15684	2550	18234	50.05
15	3939	325	137	4401	1897	3912	0	678	5988	6055	-1310	15633	0	15633	2516	18149	49.98
16	4029	565	137	4731	2101	4190	0	320	5749	5881	-1307	15916	0	15916	2512	18428	50.01
17	4048	375	137	4560	2217	4399	0	225	5844	5293	-1269	15425	0	15425	2445	17870	49.99
18	4053	368	136	4557	2206	4159	0	122	5569	5467	-1176	15335	0	15335	2388	17723	49.97
19	4430	377	140	4947	2136	4517	0	15	5297	5107	-1091	15631	0	15631	2306	17937	50.02
20	4865	358	140	5363	2035	5281	0	0	4989	4519	-1028	16170	0	16170	2276	18446	50.02
21	4914	333	139	5386	1967	5667	0	0	4090	4136	-989	16167	0	16167	2213	18380	50.00
22	4915	341	140	5396	1832	5743	0	0	3855	3600	-908	15663	0	15663	2114	17777	50.02
23	5079	337	139	5555	1987	5231	0	0	3891	3566	-1055	15284	0	15284	2044	17328	50.02
24	4707	354	140	5201	2056	4543	0	0	4055	4107	-1259	14648	0	14648	1992	16640	50.01
MUs	107.16	8.19	3.32	118.67	40.09	118.57	0.00	5.11	125.22	121.19	-27.64	375.99	0.00	375.99	53.41	429.39	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 13/Jul/2021

Position as on 6.30 Hrs of 14/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	13/07/2021	15.44	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.	Zero Schedule.	
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	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	JSW (J) U3	300	09/07/2021	12.12		Continued.	Annual Overhaul	
MSPGCL	Uran Unit 5	108	11/07/2021	01.40		Continued.	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Uran Unit A0	120	11/07/2021	01.40		Continued.	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Koradi Unit 9	660	11/07/2021	12.10		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
AEML	AEML Unit 1	250	13/07/2021	12.43		Continued.	Turbine balancing work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 14/Jul/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
Koradi Bhilai	InterState	13/07/2021	09.02	13/07/2021	19.42	PO	Work At PG BHILAI End.
Khadka - Bableshtar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
Khadka-Aurangabad (Waluj)	IntraState	13/07/2021	00.15	13/07/2021	08.52	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/07/2021	02.24	13/07/2021	08.45	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	13/07/2021	09.32	13/07/2021	17.52	PO	Replacement of faulty disc insulator string.
Girwali- Lonikand 2	IntraState	13/07/2021	10.37	13/07/2021	17.59	EO	To attend hotspots at 29A MF joint & 29B base joint at 400kv Girwali
Akola II - Akola I Ckt-II	IntraState	13/07/2021	21.54	13/07/2021	23.56	EO	For Rectification Of Disconnected IPS Tube Of Bay No 418 At Akola.
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.
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	12/07/2021	11.20	13/07/2021	18.34	PO	Diagnostic Testing Work, PGI Overhauling Work.
400/220KV 315MVA ICT-II @Akola (M)	IntraState	13/07/2021	09.35	13/07/2021	18.35	PO	Servicing & alignment of isolators /earth switches will be carried out by Agency.& Routine maintenance & 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)
Mulund - GIS Bhandup	IntraState	01/07/2021	09.37	13/07/2021	12.03	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	13/07/2021	11.13	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.
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.
Mulund - GIS Bhandup	IntraState	13/07/2021	06.36	13/07/2021	12.03	PO	Bunching removing work at loc no.2 & jumpering work of Mulund-GIS Line.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	13/07/2021	09.27	13/07/2021	16.28	PO	For extension of New PT ckt to meter and relay.
Osmanabad - Solapur (Bale)	IntraState	13/07/2021	09.48	13/07/2021	13.56	PO	Outage is Required for Quarterly Maintenance.
Waluj - Degaon Rangari	IntraState	13/07/2021	10.29	13/07/2021	18.11	PO	Tightening Of Jumper Nut bolts & Providing Missing Nut Bolts At LOC No.04,Loc 22.22A.
Chandrapur GCR - Sicom I	IntraState	13/07/2021	12.04	13/07/2021	21.21	T	Differential protection oprted Y-B.
Dhamangaon New - Badnera	IntraState	13/07/2021	12.16	13/07/2021	18.48	EO	For Testing Of Distance relay, Attending Autoreclose problem Of CB.
Karad - Vita Ckt- I	IntraState	13/07/2021	13.06	13/07/2021	15.26	EO	For attending hot spot at R ph CT clamp.(Temp -155).
Trombay - Kalwa	IntraState	13/07/2021	13.06	13/07/2021	14.30	EO	Shifting of Line on TBC for Hot spot attending work at R ph

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 13/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 14/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Breaker bottom pad. (167 deg).
220 KV ICT Outages/Trippings							
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	13/07/2021	09.59	13/07/2021	14.17	PO	Disconnection of old incomer Cable Sw No 3 i.e. 100 MVA Tr-1.