

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jul/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.846	1318.458	1) Gujrat	-11.973	-60.415
2) Hydro	9.582	200.817	2) Madhya Pradesh	2.769	82.096
3) Gas	3.381	62.346	3) Chattisgarh	3.480	53.190
Total MSPGCL	115.809	1581.621	4) Maharashtra	133.978	1818.294
B) 1) APML	64.241	811.864	5) Goa (Amona)	-0.864	-7.276
2) JSWEL	18.118	233.419	Total	127.390	1885.889
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.741	362.242
4) RPL(AMT)	20.889	337.313	b) Mumbai Drawl	27.483	359.415
5) SWPGPL	6.497	66.381	c) MSEDCL Bilateral *	26.131	507.859
6) Other IPP	7.040	91.410	Include PX	-2.283	147.296
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.741	359.816
C) 1) TPCL Thermal	12.069	140.660	Include PX	14.226	166.289
2) TPCL Hydro	3.265	72.114	Standby	0.000	2.426
3) TPCL Gas	2.664	27.736	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.311	80.389	1) MSEDCL	372.829	4997.408
D) STATE			2) Mumbai Discoms	55.792	680.314
1) Thermal	242.011	3079.894	TOTAL STATE	428.621	5677.722
(A1+C1+C4+(B1-B6))					
2) Hydro	12.847	272.931			
(A2+C2)					
3) Gas	6.045	90.082			
(A3+B7+C3)					
4) Wind	34.166	272.899			
6) SOLAR	6.162	76.027			
TOTAL STATE	301.231	3791.833			

* 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	4522	3853	4654	4035
MSPGCL Hydro	413	298	670	261
MSPGCL Gas	141	152	136	142
MSPGCL Total Generation	5076	4303	5460	4438
Central Sector Receipt	6432	5798	4649	5325
WIND	642	1767	2349	734
CPP / IPP Thermal	5337	4589	5139	4450
CPP / IPP Gas	0	0	0	0
SOLAR	631	865	0	0
Exchange with Mumbai	-1476	-1229	-1161	-907
MSEDCL DEMAND MET	16642	16093	16436	14040
Load Shedding	0	0	0	0
MSEDCL DEMAND	16642	16093	16436	14040
TPCL GENERATION	865	1103	822	531
AEML GENERATION	494	501	395	395
MUMBAI DEMAND	2835	2833	2378	1833
STATE DEMAND MET	19477	18926	18814	15873
STATE DEMAND	19477	18926	18814	15873
Frequency (Hz)	50.00	50.05	49.94	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13:32 Hrs	49.72 Hz at 19:22 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 12/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	10.30	108.01	478	370
Unit 9	0.00	98.54	0	0
Unit 10	2.85	70.70	350	0
Total	13.14	277.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.52	97.13	430	285
Unit 5	7.54	98.58	405	280
Total	15.06	195.71		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	3.55	22.08	201	0
Total	3.55	22.08		
Chandrapur				
Unit 3	3.28	39.60	150	120
Unit 4	3.53	23.02	169	115
Unit 5	7.56	90.69	370	275
Unit 6	7.91	84.88	375	280
Unit 7	0.00	0.00	0	0
Unit 8	9.56	124.18	450	282
Unit 9	9.61	119.97	444	275
Total	41.46	482.35		
Paras				
Unit 3	3.95	56.38	216	146
Unit 4	3.92	25.40	224	147
Total	7.87	81.78		
Khaparkheda				
Unit 1	0.04	0.04	35	0
Unit 2	2.86	26.90	160	115
Unit 3	3.34	31.24	190	130
Unit 4	3.31	31.86	185	133
Unit 5	8.98	128.47	410	300
Total	18.54	218.52		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.23	26.66	186	127
Total	3.23	40.76		
Uran				
All Units	3.38	62.35	152	136
Total	3.38	62.35		
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)	0.04	3.29	18	0
Total	0.04	3.29		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.94	44.12	350	30
Stage 4	0.00	62.60	0	0
Stage 3	1.86	27.91	240	0
Total	3.80	134.63		
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.	0.38	5.19	40	0
SMLHY_PTN	5.40	57.41	235	216
GHATGHAR	0.00	2.43	0	0
Total	5.78	66.19		
Wind				
Total	34.17	272.90	0	0
Total	34.17	272.90		
CPP				
APML(Mus)	64.24	811.86	0	0
JSWEL(Mus)	18.12	233.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.89	337.31	0	0
SWPGPL-Mus	6.50	66.38	0	0
Other(Mus)	7.04	91.41	0	0
Total	116.78	1540.39		
SOLAR				
Total	6.16	76.03	0	0
Total	6.16	76.03		
Tata				
Trombay 5	8.07	121.63	466	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	15.26	62	62
Trombay 7B	1.18	12.47	49	49
Trombay 8	4.00	19.03	219	137
TATA Hydro	3.26	72.11	307	0
Total	18.00	240.51		
AEML				
DTPS U-1&2	10.31	80.39	501	390
Total	10.31	80.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.85	1318.46	MSPGCL Total	115.81	1581.62
			MSPGCL Thml+Gas	106.23	1380.80	Koyna 1,2 & 4 Total	1.94	106.72
			MSPGCL Hydro	9.58	200.82	State Total	301.23	3791.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4213	351	142	4706	615	5389	0	0	4746	4924	-1118	14516	0	14516	2144	16660	50.04
2	4208	341	142	4691	641	5340	0	0	4821	4574	-1043	14203	0	14203	2014	16217	50.03
3	4227	272	152	4651	705	4973	0	0	5239	4746	-962	14113	0	14113	1910	16023	50.04
4	4035	261	142	4438	734	4450	0	0	5479	5325	-907	14040	0	14040	1833	15873	50.07
5	4115	273	142	4530	713	4401	0	0	5474	5602	-881	14365	0	14365	1807	16172	50.03
6	4230	279	143	4652	832	4676	0	0	5813	5746	-932	14974	0	14974	1857	16831	50.06
7	4354	399	143	4896	737	4911	0	43	6308	6251	-967	15871	0	15871	1894	17765	50.07
8	4425	607	143	5175	643	4906	0	160	6315	6313	-1118	16079	0	16079	2050	18129	50.05
9	4452	508	142	5102	619	5318	0	333	6404	6592	-1361	16603	0	16603	2334	18937	50.02
10	4446	802	139	5387	601	5070	0	537	6676	6683	-1586	16692	0	16692	2631	19323	49.93
11	4522	413	141	5076	642	5337	0	631	6753	6432	-1476	16642	0	16642	2835	19477	50.00
12	4451	302	142	4895	1000	5276	0	794	6599	5946	-1327	16584	0	16584	2882	19466	50.03
13	3853	298	152	4303	1767	4589	0	865	6733	5798	-1229	16093	0	16093	2833	18926	50.05
14	3717	306	138	4161	2285	3820	0	871	6462	5704	-1239	15602	0	15602	2676	18278	50.10
15	3782	310	136	4228	2385	3708	0	743	5772	5856	-1296	15624	0	15624	2678	18302	50.00
16	4131	355	140	4626	2565	4089	0	579	5361	5083	-1225	15717	0	15717	2690	18407	50.02
17	4083	309	138	4530	2565	4201	0	391	5360	5081	-1120	15648	0	15648	2613	18261	50.01
18	3928	338	137	4403	2539	4046	0	184	5329	5386	-1083	15475	0	15475	2506	17981	49.97
19	4106	502	137	4745	2588	4225	0	31	5123	5246	-1181	15654	0	15654	2391	18045	49.97
20	4654	670	136	5460	2349	5139	0	0	4665	4649	-1161	16436	0	16436	2378	18814	49.94
21	4913	441	139	5493	1960	5696	0	0	4018	3918	-1098	15969	0	15969	2304	18273	50.03
22	4836	431	139	5406	1864	5806	0	0	4037	3749	-1032	15793	0	15793	2208	18001	50.04
23	4613	403	138	5154	1508	5714	0	0	3965	3790	-1065	15101	0	15101	2174	17275	49.98
24	4552	411	138	5101	1309	5705	0	0	4118	3996	-1076	15035	0	15035	2150	17185	50.03
MUs	102.85	9.58	3.38	115.81	34.17	116.78	0.00	6.16	131.57	127.39	-27.48	372.83	0.00	372.83	55.79	428.62	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 12/Jul/2021

Position as on 6.30 Hrs of 13/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 1	210	11/06/2021	23.58	12/07/2021	22.54	Annual Overhaul	
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	Koradi Unit 10	660	10/07/2021	04.48	12/07/2021	11.59	OLTC valve Leakage.	
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	
IPP	RPL(AMT) U-1	270	12/07/2021	08.59	12/07/2021	19.28	Due To Faulty In Governing System.	
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 12/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 13/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.
Koradi-RattanIndia	IntraState	12/07/2021	10.21	12/07/2021	13.26	EO	Flashover Marks Observed On R PH Insulator String And Hardware.
Deepnagar - Aurangabad	IntraState	12/07/2021	10.38	12/07/2021	18.10	OO	Quarterly bay maintenance & Diagnostic testing Work.
Khadka - Bableshtar	IntraState	12/07/2021	10.45	12/07/2021	15.35	OO	Is Required for Tightening Of Jumper Nut Bolt, Corona Ring, Arcing Horn Etc Which is Observed In Monkey Patrolling.
Deepnagar - Aurangabad	IntraState	12/07/2021	11.10	12/07/2021	15.24	PO	Replacement Of Faulty Disc Insulator String.
Akola II - Akola I Ckt-II	IntraState	12/07/2021	21.54	12/07/2021	23.56	EO	IPS Cube Disconnected
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 Kv 315 MVA ICT -I @New Koyna	IntraState	12/07/2021	08.22	12/07/2021	10.34	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	12/07/2021	09.18	12/07/2021	19.48	PO	Replacement of Air cell & MOG of B phase unit and Servicing & alignment of isolators /earth switches will be carried out by Agency and routine maintenance & testing work.
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)
Mudshingi - Chikodi	InterState	12/07/2021	10.40	12/07/2021	19.30	PO	Quarterly Maintenance Work
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.

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 12/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 13/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							e. stringing of new conductor from Loc.No.45 to 48.
WARDHA - WARDHA (PG) (Deoli)	IntraState	11/07/2021	02.32	12/07/2021	00.18	T	Distance Protection
Bhugaon- Wardha	IntraState	11/07/2021	19.00	12/07/2021	07.58	T	B- D/P OPTD, A/RL/O, Z1, Y PH, 4.31KA, 24.2 KM. Conductor Snapped.
Talandge(400)- Mudshingi 2 Line	IntraState	12/07/2021	11.19	12/07/2021	17.13	PO	Quarterly Bay Maintenance Work.
New Koyna - Niwali	IntraState	12/07/2021	11.20	12/07/2021	20.22	T	Distance Protection
Bableshtar- Alephata ckt I	IntraState	12/07/2021	12.06	12/07/2021	17.46	PO	For Diagnostic testing work & general maintenance carried out.
VSNL - STT 1 GIS	IntraState	12/07/2021	12.20	12/07/2021	14.55	PO	Installation of summator of check metering of M/s STT Global Data Centre India P.Ltd. (Cons.No.170019049340) for reprogramming purpose at STT GIS end.
Gadchandur - Virur-II	IntraState	12/07/2021	12.56	12/07/2021	15.26	PO	1) FOR C&TAN DELTA MEASURENT AT 220KVGADCHANDUR S/STN END. 2) FOR TAN DELTAMEASUREMETN OF CT & MEGGER OF LA AT 220KV VIRUR S/STN
Dhamangaon New - Badnera	IntraState	12/07/2021	13.31	12/07/2021	13.48	T	AT D GAON= B PH, Z1, 25.55KM,2.38KA, AT BADNERA B PH, Z1, 27.73KM, 3.9KA
VSNL - STT 2 GIS	IntraState	12/07/2021	16.18	12/07/2021	16.53	PO	Installation of summator of check metering of M/s STT Global Data Centre India P.Ltd. (Cons.No.170019049340) for reprogramming purpose at STT GIS end.
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 optred 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 Breaker bottom pad. (167 deg).
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl lct 2 @Beed	IntraState	12/07/2021	11.22	12/07/2021	18.28	PO	For The Maintenance Of CTR.
220/132 Kv 100 Mva lct 1 @Tuljapur	IntraState	12/07/2021	12.08	12/07/2021	21.32	PO	LV SIDE CB POLE ERECTION WORK
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.

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