

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jul/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.336	1215.612	1) Gujrat	-11.293	-48.442
2) Hydro	9.974	191.235	2) Madhya Pradesh	2.477	79.327
3) Gas	3.631	58.965	3) Chattisgarh	3.940	49.710
Total MSPGCL	116.941	1465.812	4) Maharashtra	142.130	1684.316
B) 1) APML	62.176	747.623	5) Goa (Amona)	-0.225	-6.412
2) JSWEL	18.966	215.301	Total	137.029	1758.499
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.934	335.501
4) RPL(AMT)	22.548	316.424	b) Mumbai Drawl	21.809	331.932
5) SWPGPL	6.355	59.884	c) MSEDCL Bilateral *	26.527	481.728
6) Other IPP	6.745	84.370	Include PX	-2.692	149.579
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.934	333.075
C) 1) TPCL Thermal	11.745	128.591	Include PX	14.096	152.063
2) TPCL Hydro	1.987	68.849	Standby	0.000	2.426
3) TPCL Gas	2.667	25.072	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.360	70.078	1) MSEDCL	374.978	4624.579
D) STATE			2) Mumbai Discoms	48.567	624.522
1) Thermal	242.231	2837.883	TOTAL STATE	423.545	5249.101
(A1+C1+C4+(B1-B6))					
2) Hydro	11.961	260.084			
(A2+C2)					
3) Gas	6.298	84.037			
(A3+B7+C3)					
4) Wind	21.630	238.733			
6) SOLAR	4.397	69.865			
TOTAL STATE	286.517	3490.602			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4531	4081	4293	4264
MSPGCL Hydro	382	645	677	270
MSPGCL Gas	143	141	140	144
MSPGCL Total Generation	5056	4867	5110	4678
Central Sector Receipt	6617	6730	5621	5354
WIND	931	493	841	968
CPP / IPP Thermal	4826	4436	4913	4765
CPP / IPP Gas	0	0	0	0
SOLAR	231	618	0	0
Exchange with Mumbai	-926	-974	-674	-880
MSEDCL DEMAND MET	16735	16170	15811	14885
Load Shedding	0	0	0	0
MSEDCL DEMAND	16735	16170	15811	14885
TPCL GENERATION	591	702	954	538
AEML GENERATION	419	446	495	405
MUMBAI DEMAND	1936	2122	2123	1823
STATE DEMAND MET	18671	18292	17934	16708
STATE DEMAND	18671	18292	17934	16708
Frequency (Hz)	50.00	49.93	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.02 Hrs	49.75 Hz at 14.22 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 11/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	9.34	97.72	412	360
Unit 9	4.55	98.54	431	0
Unit 10	0.00	67.85	0	0
Total	13.90	264.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.70	89.60	495	280
Unit 5	7.66	91.05	480	285
Total	15.37	180.65		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.75	18.53	207	186
Total	4.75	18.53		
Chandrapur				
Unit 3	3.38	36.31	153	122
Unit 4	3.62	19.48	167	118
Unit 5	5.26	83.13	355	0
Unit 6	8.29	76.98	379	280
Unit 7	0.00	0.00	0	0
Unit 8	10.31	114.63	446	275
Unit 9	9.77	110.36	435	314
Total	40.64	440.89		
Paras				
Unit 3	3.88	52.44	183	147
Unit 4	3.84	21.48	171	155
Total	7.73	73.92		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.84	24.04	130	115
Unit 3	3.24	27.90	145	130
Unit 4	3.21	28.56	135	130
Unit 5	8.47	119.48	395	300
Total	17.76	199.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.18	23.43	138	129
Total	3.18	37.53		
Uran				
All Units	3.63	58.96	270	138
Total	3.63	58.96		
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	3.26	20	0
Total	0.09	3.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.88	42.18	305	35
Stage 4	0.00	62.60	0	0
Stage 3	1.32	26.05	80	0
Total	3.20	130.83		
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.	0.29	4.81	40	0
SMLHY_PTN	5.39	52.00	235	218
GHATGHAR	1.10	2.43	250	0
Total	6.78	60.40		
Wind				
Total	21.63	238.73	0	0
Total	21.63	238.73		
CPP				
APML(Mus)	62.18	747.62	0	0
JSWEL(Mus)	18.97	215.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.55	316.42	0	0
SWPGPL-Mus	6.36	59.88	0	0
Other(Mus)	6.74	84.37	0	0
Total	116.79	1423.60		
SOLAR				
Total	4.40	69.86	0	0
Total	4.40	69.86		
Tata				
Trombay 5	10.25	113.56	472	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	13.78	62	62
Trombay 7B	1.18	11.30	50	49
Trombay 8	1.49	15.04	216	0
TATA Hydro	1.99	68.85	319	0
Total	16.40	222.51		
AEML				
DTPS U-1&2	10.36	70.08	501	316
Total	10.36	70.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.34	1215.61	MSPGCL Total	116.94	1465.81
			MSPGCL Thml+Gas	106.97	1274.58	Koyna 1,2 & 4 Total	1.88	104.78
			MSPGCL Hydro	9.97	191.24	State Total	286.52	3490.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4346	268	270	4884	1400	4890	0	0	5562	5483	-1241	15416	0	15416	2142	17558	49.88
2	4297	355	208	4860	1332	4793	0	0	5182	4803	-1047	14741	0	14741	1993	16734	49.92
3	4264	272	143	4679	1241	4753	0	0	5508	5346	-931	15088	0	15088	1890	16978	49.93
4	4264	270	144	4678	968	4765	0	0	5606	5354	-880	14885	0	14885	1823	16708	50.00
5	4258	277	153	4688	994	4732	0	0	5676	5357	-809	14962	0	14962	1790	16752	49.93
6	4388	271	145	4804	1090	5089	0	0	5780	5755	-843	15895	0	15895	1826	17721	50.04
7	4728	263	146	5137	938	5311	0	34	6354	5949	-837	16532	0	16532	1818	18350	50.07
8	4564	308	145	5017	820	5064	0	130	6704	6209	-868	16372	0	16372	1848	18220	50.05
9	4531	382	143	5056	931	4826	0	231	6500	6617	-926	16735	0	16735	1936	18671	50.00
10	4547	378	154	5079	1016	5018	0	374	6731	6094	-1018	16563	0	16563	2044	18607	50.02
11	4117	394	143	4654	684	4547	0	469	6888	6578	-1031	15901	0	15901	2102	18003	49.98
12	4302	538	142	4982	601	4340	0	536	6846	6684	-944	16199	0	16199	2117	18316	49.97
13	4081	645	141	4867	493	4436	0	618	6701	6730	-974	16170	0	16170	2122	18292	49.93
14	4138	445	139	4722	438	4543	0	603	6595	6359	-993	15672	0	15672	2052	17724	49.94
15	4214	509	139	4862	425	4571	0	624	6414	6097	-859	15720	0	15720	2050	17770	49.95
16	4183	625	138	4946	648	4626	0	406	6246	5909	-753	15782	0	15782	2034	17816	50.04
17	4138	612	139	4889	954	4570	0	222	6103	5844	-781	15698	0	15698	2008	17706	50.06
18	4055	593	140	4788	1215	4500	0	122	5812	5528	-765	15388	0	15388	2004	17392	50.07
19	4064	490	151	4705	1101	4342	0	28	5519	5585	-720	15041	0	15041	2003	17044	50.02
20	4293	677	140	5110	841	4913	0	0	5479	5621	-674	15811	0	15811	2123	17934	49.95
21	4496	372	142	5010	746	5611	0	0	5276	4712	-758	15321	0	15321	2197	17518	49.96
22	4483	342	142	4967	922	5620	0	0	5093	4896	-979	15426	0	15426	2208	17634	49.97
23	4341	348	142	4831	915	5478	0	0	5152	4710	-1062	14872	0	14872	2216	17088	49.99
24	4244	340	142	4726	917	5452	0	0	5042	4809	-1116	14788	0	14788	2222	17010	50.01
MUs	103.34	9.97	3.63	116.94	21.63	116.79	0.00	4.40	142.77	137.03	-21.81	374.98	0.00	374.98	48.57	423.55	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 11/Jul/2021

Position as on 6.30 Hrs of 12/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		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.	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	Adani U-2	660	07/07/2021	03.59	11/07/2021	03.12	Aph-B hot PA bellow leakage.	
IPP	JSW (J) U3	300	09/07/2021	12.12		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 5	500	09/07/2021	23.48	11/07/2021	06.28	Flame Failure	
MSPGCL	Koradi Unit 10	660	10/07/2021	04.48		Continued.	OLTC valve Leakage.	
TPC_G	Trombay 8	250	11/07/2021	00.01	11/07/2021	14.02	To attend main steam strainer drain line leakage.	
MSPGCL	Uran Unit A0	120	11/07/2021	01.40		Continued.	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Uran Unit 5	108	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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 12/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
Khadka - Bableshwar	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	11/07/2021	15.01	PO	CGL Make CB Overhauling & MTAMC Work.
Warora -IEPL	IntraState	11/07/2021	02.30	11/07/2021	15.14	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	11/07/2021	14.40	11/07/2021	19.15	EO	For attending the hotspot noticed on Y & B-ph CT IPS tube clamp bolt. All CT clamps tightening work and B-ph Circuit breaker Air valve replacement work.
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.
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)
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25	11/07/2021	20.09	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.
Parli 2-(Girwali) -Murud	IntraState	09/07/2021	22.38	11/07/2021	05.11	HT	Due To BKR Problem TBC Is Under Outage.
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.
Kharghar - Nerul	IntraState	11/07/2021	01.40	11/07/2021	11.30	T	Distance Protection
WARDHA - WARDHA (PG) (Deoli)	IntraState	11/07/2021	02.32	12/07/2021	00.18	T	Distance Protection
Dhamangaon New - Badnera	IntraState	11/07/2021	03.39	11/07/2021	04.10	T	Dhamangaon- D/PB PH D=14 KM IF=2.5KA Badnera-D=36.72 KA IF=3.23KA B PH
Nalasopara-Boisar	IntraState	11/07/2021	09.34	11/07/2021	17.47	PO	Replacement Insulator String & 220 kV Bay maintenance at 220 kV Nalasopara S/S.
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	11/07/2021	11.06	11/07/2021	15.04	PO	CT Tan-delta Testing work.
Purti-Bhugaon	IntraState	11/07/2021	19.00	11/07/2021	19.20	T	Conductor Snapped At 220KV Wardha PG Line.
Bhugaon- Wardha	IntraState	11/07/2021	19.00		Continued.	T	B- D/P OPTD, A/RL/O, Z1, Y PH, 4.31KA, 24.2 KM. Conductor Snapped.
220KV Chalisagaon-Kopergaon	IntraState	11/07/2021	23.25	11/07/2021	23.59	T	C-R PH, 70 KM, 2.7KA.K - R PH, 3.59 KA
220 KV ICT Outages/Trippings							
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	11/07/2021	20.25	11/07/2021	21.20	T	Auxiliary Protection Operated.

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