

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jul/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.274	2722.662	1) Gujrat	-2.726	-188.758
2) Hydro	10.250	345.017	2) Madhya Pradesh	7.884	149.948
3) Gas	3.886	126.124	3) Chattisgarh	4.740	112.400
Total MSPGCL	90.410	3193.803	4) Maharashtra	115.546	3696.707
B) 1) APML	62.374	1694.558	5) Goa (Amona)	-1.462	-24.683
2) JSWEL	20.366	492.694	Total	123.982	3745.614
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.393	765.813
4) RPL(AMT)	17.574	598.126	b) Mumbai Drawl	26.835	785.496
5) SWPGPL	2.417	132.950	c) MSEDCL Bilateral *	29.672	890.966
6) Other IPP	5.320	179.191	Include PX	2.192	127.608
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.393	763.057
C) 1) TPCL Thermal	12.219	302.785	Include PX	13.700	353.975
2) TPCL Hydro	3.929	125.014	Standby	0.000	2.756
3) TPCL Gas	3.339	67.435	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.311	183.469	1) MSEDCL	365.448	10392.661
D) STATE			2) Mumbai Discoms	55.633	1464.199
1) Thermal	205.855	6306.435	TOTAL STATE	421.081	11856.860
(A1+C1+C4+(B1-B6))					
2) Hydro	14.179	470.031			
(A2+C2)					
3) Gas	7.225	193.559			
(A3+B7+C3)					
4) Wind	63.701	989.629			
6) SOLAR	6.139	151.592			
TOTAL STATE	297.099	8111.246			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3387	3024	3483	2849
MSPGCL Hydro	720	370	534	350
MSPGCL Gas	136	138	210	138
MSPGCL Total Generation	4244	3532	4228	3336
Central Sector Receipt	5673	6076	4741	4562
WIND	2624	2859	2677	2296
CPP / IPP Thermal	5085	3549	5219	4140
CPP / IPP Gas	0	0	0	0
SOLAR	449	673	0	0
Exchange with Mumbai	-935	-1232	-848	-895
MSEDCL DEMAND MET	17140	15458	16016	13440
Load Shedding	0	0	0	0
MSEDCL DEMAND	17140	15458	16016	13440
TPCL GENERATION	931	970	1079	598
AEML GENERATION	502	501	489	286
MUMBAI DEMAND	2368	2703	2416	1779
STATE DEMAND MET	19508	18160	18432	15218
STATE DEMAND	19508	18160	18432	15218
Frequency (Hz)	50.05	49.91	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08:00 Hrs	49.78 Hz at 14:53 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 27/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	7.44	248.97	332	295
Unit 9	8.34	196.49	365	325
Unit 10	7.57	203.83	350	270
Total	23.35	649.29		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	200.62	0	0
Unit 5	0.00	160.80	0	0
Total	0.00	361.42		
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	3.13	86.89	147	120
Unit 4	3.27	71.80	163	118
Unit 5	6.52	196.85	305	240
Unit 6	7.08	195.90	330	268
Unit 7	7.20	97.54	320	278
Unit 8	8.91	252.83	445	275
Unit 9	0.00	138.21	0	0
Total	36.11	1040.01		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	4.26	84.33	240	149
Total	4.26	168.28		
Khaparkheda				
Unit 1	0.00	7.76	0	0
Unit 2	0.00	35.70	0	0
Unit 3	0.00	41.57	0	0
Unit 4	0.00	42.26	0	0
Unit 5	9.05	262.79	440	300
Total	9.05	390.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.50	77.40	198	128
Total	3.50	91.51		
Uran				
All Units	3.89	126.12	261	127
Total	3.89	126.12		
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)	0.00	4.60	0	0
Total	0.00	4.60		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	0.95	64.62	50	35
Stage 4	0.00	64.70	0	0
Stage 3	0.95	54.89	80	0
Total	1.90	184.20		
Hydro				
KDPH	0.85	1.70	36	36
VTRNA	0.37	1.63	60	0
TILLARI	0.40	8.00	40	0
BHIRA T.R.	0.46	11.59	40	0
SMLHY_PTN	5.52	133.23	242	211
GHATGHAR	0.75	4.66	250	0
Total	8.35	160.82		
Wind				
Total	63.70	989.63	0	0
Total	63.70	989.63		
CPP				
APML(Mus)	62.37	1694.56	0	0
JSWEL(Mus)	20.37	492.69	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.57	598.13	0	0
SWPGPL-Mus	2.42	132.95	0	0
Other(Mus)	5.32	179.19	0	0
Total	108.05	3097.52		
SOLAR				
Total	6.14	151.59	0	0
Total	6.14	151.59		
Tata				
Trombay 5	8.08	228.89	471	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.01	37.58	114	57
Trombay 7B	1.33	29.85	66	46
Trombay 8	4.14	73.90	223	136
TATA Hydro	3.93	125.01	310	73
Total	19.49	495.23		
AEML				
DTPS U-1&2	9.31	183.47	502	285
Total	9.31	183.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	76.27	2722.66	MSPGCL Total	90.41	3193.80
			MSPGCL Thml+Gas	80.16	2848.79	Koyna 1,2 & 4 Total	0.95	129.31
			MSPGCL Hydro	10.25	345.02	State Total	297.10	8111.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	2834	352	136	3322	2658	4248	0	0	4795	4682	-1119	13792	0	13792	2081	15872	49.93
2	2824	350	127	3302	2476	4167	0	0	4734	4539	-1025	13458	0	13458	1941	15400	49.95
3	2823	356	137	3316	2444	4163	0	0	4733	4671	-951	13642	0	13642	1842	15484	50.00
4	2849	350	138	3336	2296	4140	0	0	4736	4562	-895	13440	0	13440	1779	15218	50.03
5	2995	360	138	3492	2312	4125	0	0	4814	4979	-878	14030	0	14030	1761	15792	50.00
6	3215	390	137	3742	2430	4595	0	0	5000	5096	-927	14936	0	14936	1812	16748	50.00
7	3304	488	137	3930	2159	4964	0	36	5371	5598	-786	15900	0	15900	1889	17790	49.91
8	3344	620	127	4092	2308	5037	0	225	5762	5942	-740	16864	0	16864	2087	18950	50.00
9	3387	720	136	4244	2624	5085	0	449	5607	5673	-935	17140	0	17140	2368	19508	50.05
10	3369	668	137	4174	2723	5099	0	626	5723	5395	-1200	16816	0	16816	2647	19464	50.03
11	3295	426	135	3856	2778	4891	0	715	5962	5718	-1595	16362	0	16362	2809	19172	50.00
12	3313	420	136	3868	2772	4545	0	728	5951	6029	-1717	16226	0	16226	2822	19048	49.99
13	3028	416	137	3582	2735	4364	0	757	5968	5046	-1477	15006	0	15006	2801	17808	50.04
14	2978	404	137	3520	2778	3712	0	847	5949	5313	-1243	14926	0	14926	2702	17628	50.01
15	3024	370	138	3532	2859	3549	0	673	5951	6076	-1232	15458	0	15458	2703	18160	49.91
16	3189	354	155	3698	2927	3850	0	498	5939	5510	-1214	15268	0	15268	2695	17964	49.97
17	3233	354	151	3738	3008	4160	0	392	5629	5195	-1189	15304	0	15304	2607	17910	49.98
18	3331	360	198	3888	2957	4254	0	176	5358	5211	-1188	15298	0	15298	2521	17820	49.96
19	3397	388	209	3994	3083	4758	0	17	5010	4991	-1062	15782	0	15782	2433	18214	49.98
20	3483	534	210	4228	2677	5219	0	0	5225	4741	-848	16016	0	16016	2416	18432	50.00
21	3339	516	211	4066	2620	5156	0	0	5085	4904	-1064	15682	0	15682	2317	18000	50.01
22	3275	390	219	3884	2785	5029	0	0	4699	4684	-1156	15226	0	15226	2236	17462	50.01
23	3253	348	239	3840	2645	4663	0	0	4819	4656	-1183	14622	0	14622	2194	16816	50.01
24	3192	314	261	3768	2647	4278	0	0	4928	4771	-1211	14252	0	14252	2170	16422	50.03
MUs	76.27	10.25	3.89	90.41	63.70	108.05	0.00	6.14	127.75	123.98	-26.84	365.45	0.00	365.45	55.63	421.08	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 27/Jul/2021

Position as on 6.30 Hrs of 28/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
MSPGCL	Uran Unit 5	108	22/07/2021	00.06	27/07/2021	14.49	Maintenance work	
MSPGCL	Uran Unit A0	120	22/07/2021	00.06	27/07/2021	21.54	Maintenance work	
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	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)	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00		Continued.	Zero schedule	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	19/07/2021	23.45		Continued.	Zero schedule.	
IPP	SWPGPL U-2	135	19/07/2021	23.51	28/07/2021	23.14	Zero schedule.	
MSPGCL	Bhusawal Unit 5	500	21/07/2021	14.08		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	26/07/2021	21.49		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Jul/2021

Position as on 6.30 Hrs of 28/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	SWPGPL U-3	135	27/07/2021	07.16	27/07/2021	09.11	Turbine Impulse Line Steam Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 28/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
Chandrapur Bhadravati II	InterState	26/07/2021	15.36		Continued.	PO	Maintenance work.
Chandrapur II - Dhariwal -I	InterState	27/07/2021	10.52	27/07/2021	18.14	PO	Diagnostic testing and allied bay maintenance work.
Dhule Sar'Sarovar I	InterState	27/07/2021	22.01	28/07/2021	09.49	HT	Over Voltage
Alkud-Solapur(PG)	InterState	28/07/2021	08.30		Continued.	PO	Quarterly Maintenance Work & Diagnostic Testing Work
Koradi Satpur	InterState	28/07/2021	16.09	28/07/2021	19.30	EO	Attending Hot Spot
Jaigad-Karad Ckt-I	IntraState	24/07/2021	23.53	27/07/2021	10.20	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/07/2021	21.59	28/07/2021	09.40	HT	Over Voltage
Main Bus-II @ Akola	IntraState	27/07/2021	11.29	28/07/2021	03.43	PO	Commissioning bus bar relay of main 417 bay & Spare ICT and servicing & alignment of isolators/earth switches will be carried out by Agency and Routine maintenance & testing work.
Main Bus II @ Akola 2	IntraState	27/07/2021	12.00	28/07/2021	03.43	PO	400KV Bus-Bar protection for Bus -1 and Bus-2 out of service.
Main Bus I @ Akola	IntraState	27/07/2021	12.00	28/07/2021	03.43	PO	400KV Bus-Bar protection for Bus -1 Bus-2 out of service.
Jaigad-Karad Ckt-I	IntraState	27/07/2021	23.58	28/07/2021	09.53	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	28/07/2021	10.15	28/07/2021	17.42	PO	Power Grid Work At Pune End.
Khadka-Aurangabad (Waluj)	IntraState	28/07/2021	13.48		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/07/2021	21.17		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.
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)
Wadkhal(GIS)-JSW(GIS) I	IntraState	16/07/2021	17.50		Continued.	PO	For replacement of existing 1200/1A GIS metering CTs with new 1600/1A GIS CTs.
Mahad-Kandalgaon	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Koyna (Pophali) - Kdph	IntraState	25/07/2021	07.55	27/07/2021	19.45	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	27/07/2021	01.13	27/07/2021	12.50	T	Distance Protection
Kharepatan -Pawas Line	IntraState	27/07/2021	11.25		Continued.	T	Back protection B-ph, 1.69K AMP
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Bhugaon- Wardha	IntraState	28/07/2021	09.12	28/07/2021	17.26	PO	Measurement of Tan Delta & signature Analysis Of Line replacement Flash over disc.
Babhaleshwar - Degaon Rangari	IntraState	28/07/2021	09.52	28/07/2021	16.43	PO	CT Testing.

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 27/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 28/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khaparkheda-Kalmeshwar	IntraState	28/07/2021	09.56	28/07/2021	15.21	PO	Replacement of flash over String.
Beed-Patoda Ckt 1	IntraState	28/07/2021	11.05	28/07/2021	14.37	PO	Replacement Of flashed Disc Insulator String.
Karad-Nerle	IntraState	28/07/2021	11.18	28/07/2021	14.35	HT	For load management Of NERLE POPHALI Line.
karad - Dasgaon	IntraState	28/07/2021	11.19	28/07/2021	14.34	HT	For load management.
Pedambe-Nerle	IntraState	28/07/2021	12.20	28/07/2021	14.30	T	Attending Hot Spot
Satana-Gangapur	IntraState	28/07/2021	15.59	28/07/2021	18.31	HT	Outage AR SATANA End. Jumpering Work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	28/07/2021	10.12		Continued.	PO	Replacement of RCC Support Structures Of LV CTs, LV LA & 132kV Auxiliary Bus Isolator.
220/22 Kv 50 Mva T&R Ptr 2 @Padghe	IntraState	28/07/2021	10.54	28/07/2021	19.13	PO	Old relay removing & New Backup relay retrofitting work.
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	28/07/2021	11.05	28/07/2021	15.10	PO	For Diagnostic testing work(Tan Delta of HV/LV CT, Winding, Bushing & Merger Of LA.

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