

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.691	738.482	1) Gujrat	-8.992	-57.020
2) Hydro	12.664	78.270	2) Madhya Pradesh	4.707	36.940
3) Gas	3.277	37.619	3) Chattisgarh	3.770	31.090
Total MSPGCL	153.632	854.371	4) Maharashtra	164.935	962.565
B) 1) APML	56.739	397.410	5) Goa (Amona)	-1.394	-10.248
2) JSWEL	21.474	146.060	Total	163.026	963.327
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.427	172.414
4) RPL(AMT)	25.626	163.021	b) Mumbai Drawl	25.073	182.832
5) SWPGPL	6.396	29.480	c) MSEDCL Bilateral *	49.049	256.376
6) Other IPP	7.080	42.339	Include PX	14.877	51.350
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.427	172.414
C) 1) TPCL Thermal	15.635	88.657	Include PX	12.001	81.394
2) TPCL Hydro	4.219	34.115	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.537	67.216	1) MSEDCL	440.797	2820.543
D) STATE			2) Mumbai Discoms	56.464	385.296
1) Thermal	282.178	1672.665	TOTAL STATE	497.261	3205.839
(A1+C1+C4+(B1-B6))					
2) Hydro	16.883	112.385			
(A2+C2)					
3) Gas	3.277	50.095			
(A3+B7+C3)					
4) Wind	25.225	370.476			
6) SOLAR	6.672	36.891			
TOTAL STATE	334.235	2242.512			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5604	5760	6127	5357
MSPGCL Hydro	685	548	764	327
MSPGCL Gas	134	134	135	137
MSPGCL Total Generation	6423	6442	7026	5821
Central Sector Receipt	8155	7685	6322	5576
WIND	949	1140	1090	1079
CPP / IPP Thermal	4895	5154	5158	4561
CPP / IPP Gas	0	0	0	0
SOLAR	771	643	0	0
Exchange with Mumbai	-1412	-1191	-1017	-849
MSEDCL DEMAND MET	19781	19873	18579	16188
Load Shedding	0	0	0	0
MSEDCL DEMAND	19781	19873	18579	16188
TPCL GENERATION	884	970	1011	698
AEML GENERATION	501	501	501	500
MUMBAI DEMAND	2797	2662	2529	2047
STATE DEMAND MET	22578	22535	21108	18235
STATE DEMAND	22578	22535	21108	18235
Frequency (Hz)	49.99	50.01	49.85	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.13 Hrs	49.74 Hz at 19.24 Hrs	49.98	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 07/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.13	2.13	140	0
Unit 7	0.00	0.00	0	0
Unit 8	13.38	44.20	604	466
Unit 9	11.34	71.07	510	448
Unit 10	2.69	40.22	405	0
Total	29.54	157.62		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.32	68.26	500	425
Unit 5	10.44	65.99	495	320
Total	21.76	134.24		
Parli				
Unit 6	0.11	0.11	30	0
Unit 7	1.43	1.43	205	0
Unit 8	4.97	12.88	225	189
Total	6.51	14.42		
Chandrapur				
Unit 3	3.42	22.35	149	134
Unit 4	3.86	23.87	166	152
Unit 5	8.96	55.28	390	350
Unit 6	7.82	53.02	370	280
Unit 7	8.56	31.51	380	335
Unit 8	10.11	69.44	440	408
Unit 9	0.00	0.00	0	0
Total	42.74	255.46		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.11	30.81	238	178
Total	5.11	30.81		
Khaparkheda				
Unit 1	3.62	8.99	165	130
Unit 2	4.06	12.77	175	165
Unit 3	4.56	14.62	205	180
Unit 4	4.67	14.99	210	170
Unit 5	11.40	68.83	500	450
Total	28.30	120.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.71	25.72	194	0
Total	3.71	25.72		
Uran				
All Units	3.28	37.62	148	134
Total	3.28	37.62		
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)	0.59	1.85	26	20
Total	0.59	1.85		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.70	14.60	355	35
Stage 4	0.00	0.00	0	0
Stage 3	0.92	6.45	160	0
Total	3.62	21.06		
Hydro				
KDPH	0.86	5.70	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.70	3.90	58	0
BHIRA T.R.	0.34	3.01	40	0
SMLHY_PTN	5.93	41.00	262	236
GHATGHAR	1.21	3.59	125	0
Total	9.04	57.21		
Wind				
Total	25.22	370.48	0	0
Total	25.22	370.48		
CPP				
APML(Mus)	56.74	397.41	0	0
JSWEL(Mus)	21.47	146.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.63	163.02	0	0
SWPGPL-Mus	6.40	29.48	0	0
Other(Mus)	7.08	42.34	0	0
Total	117.32	778.31		
SOLAR				
Total	6.67	36.89	0	0
Total	6.67	36.89		
Tata				
Trombay 5	10.57	58.85	478	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	6.95	0	0
Trombay 7B	0.00	5.53	0	0
Trombay 8	5.07	29.81	221	142
TATA Hydro	4.22	34.12	387	0
Total	19.85	135.25		
AEMIL				
DTPS U-1&2	11.54	67.22	502	286
Total	11.54	67.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.69	738.48	MSPGCL Total	153.63	854.37
			MSPGCL Thml+Gas	140.97	776.10	Koyna 1,2 & 4 Total	2.70	14.60
			MSPGCL Hydro	12.66	78.27	State Total	334.24	2242.51

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 07/Aug/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	5356	360	148	5864	1130	4592	0	0	5512	5628	-836	16378	0	16378	2204	18582	49.98
2	5357	327	137	5821	1079	4561	0	0	5586	5576	-849	16188	0	16188	2047	18235	49.90
3	5472	317	138	5927	1026	4596	0	0	5568	5710	-754	16505	0	16505	1936	18441	50.01
4	5536	324	139	5999	1168	4591	0	0	5514	5781	-997	16542	0	16542	1828	18370	50.01
5	5536	311	138	5985	1154	4576	0	0	5729	6260	-1106	16869	0	16869	1811	18680	50.00
6	5592	432	137	6161	1064	4592	0	0	6309	6716	-953	17580	0	17580	1875	19455	49.93
7	5595	689	137	6421	944	4578	0	37	7372	7768	-742	19006	0	19006	1928	20934	49.90
8	5635	611	137	6383	997	4569	0	222	8092	7934	-859	19246	0	19246	2055	21301	50.00
9	5606	494	137	6237	1059	4605	0	547	7827	8241	-1039	19650	0	19650	2272	21922	50.02
10	5676	500	135	6311	1119	4655	0	683	7639	7934	-1219	19483	0	19483	2542	22025	50.02
11	5681	632	135	6448	1113	4693	0	748	7665	8038	-1360	19680	0	19680	2739	22419	49.99
12	5604	685	134	6423	949	4895	0	771	7544	8155	-1412	19781	0	19781	2797	22578	49.99
13	5591	765	135	6491	882	5008	0	816	7319	7780	-1304	19673	0	19673	2752	22425	50.02
14	5685	572	134	6391	857	5199	0	817	7504	7404	-1141	19527	0	19527	2662	22189	50.04
15	5751	541	134	6426	1003	5168	0	666	7615	7564	-1175	19652	0	19652	2672	22324	50.01
16	5760	548	134	6442	1140	5154	0	643	7332	7685	-1191	19873	0	19873	2662	22535	50.01
17	5841	531	134	6506	1183	5140	0	464	7165	7201	-1114	19380	0	19380	2618	21998	49.99
18	5888	520	135	6543	1155	5152	0	227	6932	6805	-1073	18809	0	18809	2554	21363	49.97
19	6052	528	136	6716	1125	5193	0	31	6529	5839	-1039	17865	0	17865	2494	20359	50.00
20	6127	764	135	7026	1090	5158	0	0	6485	6322	-1017	18579	0	18579	2529	21108	49.85
21	6137	498	136	6771	1144	5192	0	0	6050	5869	-949	18027	0	18027	2479	20506	49.92
22	6031	571	137	6739	1004	5158	0	0	5454	5770	-1078	17593	0	17593	2365	19958	49.96
23	6110	690	137	6937	887	5116	0	0	5150	5411	-931	17420	0	17420	2325	19745	49.90
24	6072	454	138	6664	953	5174	0	0	5453	5635	-935	17491	0	17491	2318	19809	50.01
MUs	137.69	12.66	3.28	153.63	25.22	117.31	0.00	6.67	159.35	163.03	-25.07	440.80	0.00	440.80	56.46	497.26	49.98

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 07/Aug/2021

Position as on 6.30 Hrs of 08/Aug/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	
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	08/08/2021	16.20	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59	07/08/2021	05.06	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	07/08/2021	17.27	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00	07/08/2021	14.24	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34	08/08/2021	03.08	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	08/08/2021	06.00	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
MSPGCL	Koradi Unit 10	660	04/08/2021	11.03	07/08/2021	14.31	Boiler Tube Leakage	
IPP	Adani U-5	660	04/08/2021	23.52	07/08/2021	10.20	APH-B Gear Box Abnormal Sound.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Koyna Unit 6	80	05/08/2021	21.25		Continued.	Differential protection	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	07/08/2021	12.20	07/08/2021	14.24	Drum level low	
MSPGCL	Parli Unit 6	250	07/08/2021	17.45	07/08/2021	20.52	Due To EHFC Fault.	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Aug/2021

Position as on 6.30 Hrs of 08/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	08/08/2021	03.40	08/08/2021	05.18	Due To Drum Level High.	
MSPGCL	Koradi Unit-8	660	08/08/2021	22.53		Continued.	Generator protection of other system.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 08/Aug/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
Bhusawal-Aurangabad	IntraState	06/08/2021	20.04	07/08/2021	07.53	HT	Over Voltage
Koradi-Bhusawal	IntraState	06/08/2021	23.39	07/08/2021	04.56	EO	Attending Hot Spot
Nagothane - Dabhol-II	IntraState	07/08/2021	09.56	07/08/2021	19.03	PO	Routine Maintenance Work
Aurangabad - Aurangabad(PG) I	IntraState	07/08/2021	10.26	07/08/2021	12.15	T	DT Received From PG End.
Padghe - Kalwa- I	IntraState	07/08/2021	13.02	07/08/2021	18.06	PO	SSN To DSN Insulator Replacement.
Padghe - Kalwa-II	IntraState	08/08/2021	09.30	08/08/2021	17.24	PO	Diagnostic Testing Work
Khadka-Aurangabad (Waluj)	IntraState	08/08/2021	18.18		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)
Balapur-Akola li	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola I	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Mahad - Pedambe	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
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Wadkhal(GIS)-JSW(GIS) II	IntraState	04/08/2021	09.26		Continued.	PO	Outage required for replacement of existing 1200/1A GIS Metering CTs with New 1600/1A GIS CTs.(CB Opened At JSW End On 02/04/2021 At 10:18).
Pohali-Nerle	IntraState	05/08/2021	21.25	08/08/2021	18.35	T	Y-Ph wave trap jumper of kandalgaon line broken
Kandalgaon - Koyna (Pophali)	IntraState	05/08/2021	21.25	07/08/2021	14.50	T	Y-Ph wave trap jumper of kandalgaon line broken
Pophali - Pedambe II	IntraState	05/08/2021	21.25	07/08/2021	11.00	T	Y-Ph wave trap jumper of kandalgaon line broken
Kalwa-Salsette-IV	IntraState	07/08/2021	06.07	07/08/2021	09.30	PO	Emergency Tree Trimming.
GIS KONDHWA NANDED CITY	IntraState	07/08/2021	08.19	07/08/2021	20.46	PO	Constriction Of 3 Pile Foundations For Isolator Under The Gantry Beam Of Main Bus Section-2 For Extension Of Main Bus For New 50 MVA Power Transformer Work.
Mahape - TIFIL	IntraState	07/08/2021	09.19	07/08/2021	14.05	PO	For Attending Critical Hotspot On 220KV Main Bus On Priority And Other Maintenance Work At 220KV TIFIL Under Mahape.
PAL DOMBIVALI - PALAVA	IntraState	07/08/2021	10.02	07/08/2021	13.48	PO	Fixing Of Repairing Sleeve To Damage Conductor Between Loc No. 136-137.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	07/08/2021	11.28	07/08/2021	16.33	PO	Relay Testing Work.

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 07/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 08/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Koyna (Pophali) - Kdph	IntraState	07/08/2021	16.40	07/08/2021	19.20	PO	Replacement Of Conductor B Phase CT To Breaker And Line Side Isolator To CT.
Salsette - Sahara	IntraState	08/08/2021	09.43	08/08/2021	12.47	PO	Tree Trimming
Salsette - Saki 7	IntraState	08/08/2021	13.59	08/08/2021	16.31	PO	Tree Trimming
Gangapur-Valve	IntraState	08/08/2021	18.50	08/08/2021	19.33	T	B-PH of T/F 1 burst.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva T&R Ptr 2 @Padghe	IntraState	06/08/2021	09.34	07/08/2021	22.30	PO	Retrofitting of HV back up numerical relay, Master trip relays 86A, 86B, connection of metering CT & PT cores. BI &BOs to BCU
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	07/08/2021	09.02	07/08/2021	12.00	PO	Quarterly Maintenance Work
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	07/08/2021	10.24	07/08/2021	17.38	PO	Testing Work
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	07/08/2021	10.25	07/08/2021	17.55	PO	Replacement Of OSR Of OLTC And Filtration Of OLTC Oil.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	07/08/2021	13.12	07/08/2021	15.38	PO	Quarterly Maintenance Work

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