

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Aug/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.157	600.791	1) Gujrat	-11.298	-48.028
2) Hydro	11.559	65.606	2) Madhya Pradesh	3.928	32.233
3) Gas	3.273	34.342	3) Chattisgarh	3.920	27.320
Total MSPGCL	140.989	700.739	4) Maharashtra	154.758	797.630
B) 1) APML	49.783	340.671	5) Goa (Amona)	-1.514	-8.854
2) JSWEL	20.379	124.586	Total	149.794	800.301
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.270	148.986
4) RPL(AMT)	25.606	137.395	b) Mumbai Drawl	27.595	157.759
5) SWPGPL	6.159	23.084	c) MSEDCL Bilateral *	36.220	207.327
6) Other IPP	6.815	35.259	Include PX	3.917	36.473
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.270	148.986
C) 1) TPCL Thermal	14.372	73.022	Include PX	11.354	69.393
2) TPCL Hydro	4.790	29.896	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.047	55.679	1) MSEDCL	422.627	2379.746
D) STATE			2) Mumbai Discoms	57.804	328.832
1) Thermal	260.318	1390.487	TOTAL STATE	480.431	2708.578
(A1+C1+C4+(B1-B6))					
2) Hydro	16.349	95.502			
(A2+C2)					
3) Gas	3.273	46.818			
(A3+B7+C3)					
4) Wind	45.330	345.251			
6) SOLAR	5.367	30.219			
TOTAL STATE	330.637	1908.277			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5491	5334	5344	4859
MSPGCL Hydro	458	424	864	320
MSPGCL Gas	136	135	136	137
MSPGCL Total Generation	6086	5894	6344	5316
Central Sector Receipt	7166	6830	6250	5065
WIND	2188	2105	1609	2248
CPP / IPP Thermal	4574	4507	4543	4539
CPP / IPP Gas	0	0	0	0
SOLAR	512	703	0	0
Exchange with Mumbai	-1389	-1493	-1002	-1108
MSEDCL DEMAND MET	19136	18546	17744	16060
Load Shedding	0	0	0	0
MSEDCL DEMAND	19136	18546	17744	16060
TPCL GENERATION	810	924	1073	414
AEML GENERATION	500	503	500	285
MUMBAI DEMAND	2699	2920	2575	1807
STATE DEMAND MET	21836	21466	20318	17868
STATE DEMAND	21836	21466	20318	17868
Frequency (Hz)	49.97	50.04	49.89	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.06 Hrs	49.65 Hz at 19.14 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 06/Aug/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	12.25	30.82	556	410
Unit 9	10.25	59.73	495	335
Unit 10	0.00	37.53	0	0
Total	22.50	128.08		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.98	56.93	495	425
Unit 5	10.96	55.55	500	395
Total	21.94	112.48		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.93	7.91	212	197
Total	4.93	7.91		
Chandrapur				
Unit 3	3.29	18.93	144	120
Unit 4	3.67	20.00	165	120
Unit 5	8.40	46.31	370	280
Unit 6	7.85	45.20	375	275
Unit 7	8.87	22.94	405	300
Unit 8	9.99	59.33	450	390
Unit 9	0.00	0.00	0	0
Total	42.08	212.71		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.50	25.70	210	151
Total	4.50	25.70		
Khaparkheda				
Unit 1	2.81	5.38	145	80
Unit 2	3.68	8.70	175	115
Unit 3	4.16	10.06	200	130
Unit 4	4.29	10.32	207	130
Unit 5	11.38	57.43	490	450
Total	26.32	91.90		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.89	22.01	195	123
Total	3.89	22.01		
Uran				
All Units	3.27	34.34	148	126
Total	3.27	34.34		
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	1.26	25	24
Total	0.59	1.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.18	11.90	315	35
Stage 4	0.00	0.00	0	0
Stage 3	0.74	5.53	80	0
Total	2.92	17.43		
Hydro				
KDPH	0.88	4.84	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.70	3.21	58	0
BHIRA T.R.	0.53	2.67	40	0
SMLHY_PTN	6.03	35.07	261	236
GHATGHAR	0.51	2.38	125	0
Total	8.64	48.17		
Wind				
Total	45.33	345.25	0	0
Total	45.33	345.25		
CPP				
APML(Mus)	49.78	340.67	0	0
JSWEL(Mus)	20.38	124.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.61	137.40	0	0
SWPGPL-Mus	6.16	23.08	0	0
Other(Mus)	6.82	35.26	0	0
Total	108.74	661.00		
SOLAR				
Total	5.37	30.22	0	0
Total	5.37	30.22		
Tata				
Trombay 5	9.52	48.28	476	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	4.85	24.74	224	136
TATA Hydro	4.79	29.90	394	0
Total	19.16	115.39		
AEML				
DTPS U-1&2	11.05	55.68	503	284
Total	11.05	55.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.16	600.79	MSPGCL Total	140.99	700.74
			MSPGCL Thml+Gas	129.43	635.13	Koyna 1,2 & 4 Total	2.18	11.90
			MSPGCL Hydro	11.56	65.61	State Total	330.64	1908.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Aug/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	5130	324	137	5592	1806	4617	0	0	4862	4834	-813	16036	0	16036	2159	18194	49.99
2	4759	328	138	5224	2063	4566	0	0	5161	5088	-798	16144	0	16144	1994	18138	50.02
3	4722	322	137	5182	2203	4564	0	0	5088	5304	-1122	16130	0	16130	1868	17998	49.98
4	4859	320	137	5316	2248	4539	0	0	4912	5065	-1108	16060	0	16060	1807	17868	50.03
5	5092	368	137	5598	2213	4558	0	0	5013	5032	-1079	16322	0	16322	1779	18100	50.04
6	5418	322	148	5888	2191	4582	0	0	5517	5799	-1082	17378	0	17378	1860	19238	50.04
7	5459	458	137	6054	2112	4472	0	43	6507	6877	-900	18658	0	18658	1921	20578	49.98
8	5507	462	138	6108	1884	4434	0	159	6978	6902	-806	18680	0	18680	2121	20802	50.02
9	5470	456	136	6062	2029	4481	0	367	7155	7363	-1130	19172	0	19172	2404	21576	49.94
10	5491	458	136	6086	2188	4574	0	512	6898	7166	-1389	19136	0	19136	2699	21836	49.97
11	5440	486	135	6062	2116	4589	0	584	7007	7057	-1479	18928	0	18928	2897	21826	49.94
12	5416	426	135	5976	2103	4550	0	679	6934	6928	-1508	18728	0	18728	2959	21688	50.01
13	5334	424	135	5894	2105	4507	0	703	6911	6830	-1493	18546	0	18546	2920	21466	50.04
14	5177	430	134	5740	2084	4463	0	642	6876	7138	-1466	18602	0	18602	2784	21386	49.97
15	5266	528	134	5928	1766	4479	0	646	6768	6886	-1603	18102	0	18102	2797	20898	49.97
16	5393	592	134	6118	1976	4506	0	485	6864	7136	-1578	18644	0	18644	2795	21438	50.01
17	5378	474	135	5986	1963	4531	0	335	6769	6684	-1380	18120	0	18120	2740	20860	49.97
18	5018	470	140	5628	1798	4466	0	190	7146	6719	-1294	17508	0	17508	2661	20168	50.02
19	5249	504	126	5878	1676	4504	0	22	6062	6143	-1095	17128	0	17128	2573	19702	49.99
20	5344	864	136	6344	1609	4543	0	0	5719	6250	-1002	17744	0	17744	2575	20318	49.89
21	5347	664	138	6150	1411	4542	0	0	5661	5936	-927	17112	0	17112	2486	19598	50.01
22	5308	580	137	6024	1421	4542	0	0	5489	5593	-858	16722	0	16722	2390	19112	49.89
23	5286	746	136	6168	1249	4526	0	0	5316	5572	-836	16680	0	16680	2320	19000	49.84
24	5294	554	137	5984	1116	4607	0	0	5565	5492	-849	16350	0	16350	2295	18646	49.91
MUs	126.16	11.56	3.27	140.99	45.33	108.74	0.00	5.37	147.18	149.79	-27.60	422.63	0.00	422.63	57.80	480.43	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 06/Aug/2021

Position as on 6.30 Hrs of 07/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		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	07/08/2021	05.06	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) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
MSPGCL	Koradi Unit 10	660	04/08/2021	11.03		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	04/08/2021	23.52		Continued.	APH-B Gear Box Abnormal Sound.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Koyana 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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 07/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
Dabhol Nagothane I	InterState	06/08/2021	09.58	06/08/2021	19.08	PO	Routine Maintenance Work
Akola Aurangabad(PG) I	InterState	06/08/2021	10.07	06/08/2021	10.39	PO	For Unswitchable L/R AMP Works At Aurangabad End. Line Outage Required To Take LR Out Of Service.
Kolhapur Solapur (PG) II	InterState	06/08/2021	14.38	06/08/2021	17.56	EO	While making online operation, the R-ph blade of C-bus Pantograph Isolator not closing properly because of tilted bus hanger.
Kalwa - Kharghar	IntraState	06/08/2021	10.59	06/08/2021	12.20	EO	Attending Hot Spot
Lonikand 1 - Talegaon(Pgcil)	IntraState	06/08/2021	13.00	06/08/2021	21.48	EO	Insulator String Replacement.
Warora -IEPL	IntraState	06/08/2021	18.50	06/08/2021	19.59	T	DT Received At Warora End.
Koradi-Bhusawal	IntraState	06/08/2021	23.39	07/08/2021	04.56	EO	Attending Hot Spot
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.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	06/08/2021	11.28	06/08/2021	19.03	PO	Quarterly Maintenance 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)
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		Continued.	T	Y-Ph wave trap jumper of kandalgaon line broken
Pophali - New Koyna	IntraState	05/08/2021	21.25	06/08/2021	01.45	T	Y-Ph wave trap jumper of kandalgaon line broken
Pophali - Pedambe II	IntraState	05/08/2021	21.25		Continued.	T	Y-Ph wave trap jumper of kandalgaon line broken
Kandalgaon - Koyna (Pophali)	IntraState	05/08/2021	21.25		Continued.	T	Y-Ph wave trap jumper of kandalgaon line broken
Vankuswade - Kdph	IntraState	06/08/2021	03.55	06/08/2021	16.50	HT	B-Ph wave trap jumper open
Ghatghar - Jindal	IntraState	06/08/2021	05.15	06/08/2021	08.23	T	Distance Protection
Padghe - Jindal	IntraState	06/08/2021	05.15	06/08/2021	12.56	T	Distance Protection
Trombay - Mulund	IntraState	06/08/2021	06.15	06/08/2021	09.15	PO	Attending Hot Spot

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 06/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 07/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pandarpur-Khanapur	IntraState	06/08/2021	09.22	06/08/2021	14.33	PO	Jumper Replacement Work At Loc No.28 B-Phase & Loc No. 36 Y-Phase & B,26 Y&B Phase Nut Bolt Tightening.
Chalisgaon -Babhaleshwar	IntraState	06/08/2021	12.50	06/08/2021	15.00	EO	Replacement of faulty flashover Normal string loc 277 B ph. WORK WILL BE CARRIED OUT IN LIVE LINE BY HOT LINE UNIT
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl lct 4 @Padeqaon	IntraState	30/07/2021	21.12		Continued.	HT	Over Voltage
220/22 Kv 50 Mva Vijai Ptr 3 @Mahape	IntraState	06/08/2021	09.33	06/08/2021	12.40	PO	To attend hot spot of 105deg C on power Transformer R-Ph LV bushing end palm by jumper replacement work.
220/22 Kv 50 Mva T&R Ptr 2 @Padghe	IntraState	06/08/2021	09.34		Continued.	PO	Retrofitting of HV back up numerical relay, Master trip relays 86A, 86B, connection of metering CT & PT cores. BI &BOs to BCU
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	06/08/2021	11.00	06/08/2021	12.55	PO	Quarterly Maintenance Work
220/22 Kv 50 Mva Bhel Ptr 1 @Mahape	IntraState	06/08/2021	14.00	06/08/2021	16.40	PO	To attend hot spot of 132deg C on power Transformer B-Ph LV side cable Bus-Bar plate Nut bolts

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