

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Aug/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.130	474.634	1) Gujrat	-9.968	-36.730
2) Hydro	10.696	54.047	2) Madhya Pradesh	4.447	28.305
3) Gas	5.753	31.069	3) Chattisgarh	3.860	23.400
Total MSPGCL	132.579	559.750	4) Maharashtra	143.207	642.872
B) 1) APLM	51.200	290.888	5) Goa (Amona)	-1.528	-7.340
2) JSWEL	20.264	104.207	Total	140.018	650.507
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.511	124.716
4) RPL(AMT)	25.415	111.789	b) Mumbai Drawl	27.409	130.164
5) SWPGPL	5.732	16.925	c) MSEDCL Bilateral *	33.328	171.107
6) Other IPP	5.871	28.444	Include PX	8.031	32.555
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.511	124.716
C) 1) TPCL Thermal	12.224	58.650	Include PX	11.745	58.039
2) TPCL Hydro	5.256	25.106	Standby	0.000	0.000
3) TPCL Gas	2.104	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.897	44.632	1) MSEDCL	415.303	1957.119
D) STATE			2) Mumbai Discoms	56.890	271.028
1) Thermal	246.733	1130.169	TOTAL STATE	472.193	2228.147
(A1+C1+C4+(B1-B6))					
2) Hydro	15.952	79.153			
(A2+C2)					
3) Gas	7.857	43.545			
(A3+B7+C3)					
4) Wind	56.349	299.921			
6) SOLAR	5.284	24.852			
TOTAL STATE	332.175	1577.640			

* 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	4844	4530	5436	4361
MSPGCL Hydro	510	494	730	334
MSPGCL Gas	257	261	259	265
MSPGCL Total Generation	5610	5286	6424	4960
Central Sector Receipt	6558	6544	5856	4535
WIND	2665	2572	1834	2547
CPP / IPP Thermal	4498	4475	4583	4429
CPP / IPP Gas	0	0	0	0
SOLAR	640	672	0	0
Exchange with Mumbai	-1467	-1465	-928	-967
MSEDCL DEMAND MET	18504	18084	17770	15504
Load Shedding	0	0	0	0
MSEDCL DEMAND	18504	18084	17770	15504
TPCL GENERATION	895	887	1145	522
AEML GENERATION	491	499	500	286
MUMBAI DEMAND	2853	2851	2573	1775
STATE DEMAND MET	21358	20934	20342	17280
STATE DEMAND	21358	20934	20342	17280
Frequency (Hz)	49.96	50.02	49.91	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 07.57 Hrs	49.77 Hz at 19.46 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 05/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	12.59	18.57	587	413
Unit 9	9.77	49.48	480	358
Unit 10	0.00	37.53	0	0
Total	22.36	105.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.80	45.95	495	285
Unit 5	9.97	44.58	490	280
Total	19.77	90.54		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	2.99	2.99	205	0
Total	2.99	2.99		
Chandrapur				
Unit 3	3.13	15.64	148	120
Unit 4	3.22	16.33	168	120
Unit 5	7.50	37.91	370	280
Unit 6	7.54	37.35	370	285
Unit 7	7.74	14.07	410	280
Unit 8	10.20	49.33	448	390
Unit 9	0.00	0.00	0	0
Total	39.34	170.63		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.02	21.20	207	151
Total	4.02	21.20		
Khaparkheda				
Unit 1	2.43	2.56	140	0
Unit 2	3.18	5.02	185	115
Unit 3	3.62	5.90	195	135
Unit 4	3.60	6.03	205	133
Unit 5	11.32	46.05	485	385
Total	24.15	65.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.50	18.12	197	127
Total	3.50	18.12		
Uran				
All Units	5.75	31.07	267	137
Total	5.75	31.07		
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)	0.34	0.67	25	0
Total	0.34	0.67		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.49	9.72	145	40
Stage 4	0.00	0.00	0	0
Stage 3	1.00	4.79	158	0
Total	2.49	14.51		
Hydro				
KDPH	0.88	3.96	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.72	2.51	58	0
BHIRA T.R.	0.43	2.14	40	0
SMLHY_PTN	5.86	29.05	262	219
GHATGHAR	0.32	1.88	125	0
Total	8.21	39.54		
Wind				
Total	56.35	299.92	0	0
Total	56.35	299.92		
CPP				
APML(Mus)	51.20	290.89	0	0
JSWEL(Mus)	20.26	104.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.42	111.79	0	0
SWPGPL-Mus	5.73	16.92	0	0
Other(Mus)	5.87	28.44	0	0
Total	108.48	552.25		
SOLAR				
Total	5.28	24.85	0	0
Total	5.28	24.85		
Tata				
Trombay 5	7.71	38.76	475	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	6.95	63	0
Trombay 7B	0.94	5.53	49	0
Trombay 8	4.52	19.89	226	136
TATA Hydro	5.26	25.11	387	0
Total	19.58	96.23		
AEML				
DTPS U-1&2	9.90	44.63	502	284
Total	9.90	44.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.13	474.63	MSPGCL Total	132.58	559.75
			MSPGCL Thml+Gas	121.88	505.70	Koyna 1,2 & 4 Total	1.49	9.72
			MSPGCL Hydro	10.70	54.05	State Total	332.18	1577.64

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Aug/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4577	386	265	5228	2308	4581	0	0	4662	4550	-1141	15526	0	15526	2082	17608	49.97
2	4314	318	265	4898	2386	4588	0	0	4500	4863	-1033	15702	0	15702	1950	17652	50.00
3	4331	328	265	4924	2543	4609	0	0	4482	4490	-980	15586	0	15586	1844	17430	49.99
4	4361	334	265	4960	2547	4429	0	0	4508	4535	-967	15504	0	15504	1775	17280	49.95
5	4400	326	264	4990	2565	4341	0	0	4633	4907	-947	15856	0	15856	1762	17618	49.94
6	4711	338	255	5304	2632	4468	0	0	5305	5590	-989	17004	0	17004	1811	18816	50.01
7	5118	330	264	5712	2573	4433	0	29	6358	6525	-1013	18258	0	18258	1877	20136	49.98
8	5219	384	267	5870	2487	4533	0	204	6837	6911	-1128	18876	0	18876	2064	20940	50.02
9	4955	414	264	5634	2586	4457	0	391	7001	6969	-1445	18592	0	18592	2356	20948	50.00
10	4898	498	234	5630	2726	4429	0	556	6606	6809	-1542	18608	0	18608	2666	21274	49.92
11	4844	510	257	5610	2665	4498	0	640	6398	6558	-1467	18504	0	18504	2853	21358	49.96
12	4592	488	262	5342	2626	4531	0	621	6770	6602	-1504	18218	0	18218	2875	21092	49.97
13	4530	494	261	5286	2572	4475	0	672	6289	6544	-1465	18084	0	18084	2851	20934	50.02
14	4520	496	262	5278	2547	4473	0	666	6059	6417	-1436	17944	0	17944	2732	20676	50.01
15	4442	534	259	5234	2786	4518	0	586	6188	6445	-1448	18122	0	18122	2757	20878	50.00
16	4671	436	260	5368	2643	4498	0	462	6336	6461	-1358	18074	0	18074	2755	20828	50.00
17	4934	464	262	5660	2541	4506	0	279	6111	6302	-1279	18010	0	18010	2711	20720	50.01
18	5003	398	253	5654	2307	4525	0	150	5958	6061	-1210	17488	0	17488	2639	20126	50.01
19	5211	548	262	6020	1972	4550	0	28	6146	5686	-1052	17204	0	17204	2572	19776	50.02
20	5436	730	259	6424	1834	4583	0	0	5907	5856	-928	17770	0	17770	2573	20342	49.91
21	5365	526	137	6028	1783	4585	0	0	5409	5395	-760	17032	0	17032	2434	19466	49.94
22	5300	470	137	5906	1601	4615	0	0	4860	5326	-742	16706	0	16706	2398	19104	49.96
23	5259	610	137	6006	1528	4629	0	0	4996	5104	-776	16492	0	16492	2331	18822	50.00
24	5139	336	137	5612	1591	4628	0	0	5269	5112	-799	16144	0	16144	2222	18366	50.01
MUs	116.13	10.70	5.75	132.58	56.35	108.48	0.00	5.28	137.59	140.02	-27.41	415.30	0.00	415.30	56.89	472.19	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 05/Aug/2021

Position as on 6.30 Hrs of 06/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		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	05/08/2021	03.07	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	05/08/2021	01.06	Zero schedule.	
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	Khaparkheda Unit 1	210	05/08/2021	14.01	05/08/2021	17.10	Flame Failure	
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	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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 06/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
Khadka-Aurangabad (Waluj)	IntraState	04/08/2021	17.47	05/08/2021	09.14	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.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	05/08/2021	09.05	05/08/2021	16.30	PO	Half yearly maintenance and diagnostic 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)
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).
Uran - Apta III	IntraState	05/08/2021	00.43	05/08/2021	13.17	HT	Red Hot On Wave Trap At Uran S/S.
Nandedcity-Parvati	IntraState	05/08/2021	11.05	05/08/2021	12.45	PO	Distance Protection
NERUL - SEAWOOD CABLE CKT - 1	IntraState	05/08/2021	11.25	05/08/2021	17.46	PO	Energy meter checking by testing team
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	05/08/2021	11.25	05/08/2021	17.46	PO	Annual CT testing & maintenance work.
NERUL - SEAWOOD CABLE CKT - 2	IntraState	05/08/2021	14.25	05/08/2021	15.48	PO	Energy meter checking by testing team
Jamde-Dondaicha 1	IntraState	05/08/2021	17.36	05/08/2021	19.56	EO	Attending Hot Spot
Pophali - Pedambe II	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
Kandalgaon - Koyna (Pophali)	IntraState	05/08/2021	21.25		Continued.	T	Y-Ph wave trap jumper of kandalgaon line broken
Pohali-Nerle	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		Continued.	HT	B-Ph wave trap jumper open
Ghatghar - Jindal	IntraState	06/08/2021	05.15		Continued.	T	Distance Protection
Padghe - Jindal	IntraState	06/08/2021	05.15		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl lct 4 @Padegaon	IntraState	30/07/2021	21.12		Continued.	HT	Over Voltage
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	04/08/2021	23.03	05/08/2021	04.13	T	Bucholz protection.

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 05/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 06/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	05/08/2021	10.07	05/08/2021	18.36	PO	Half yearly maintenance & diagnostic testing work