

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.553	816.107	1) Gujrat	4.567	52.843
2) Hydro	9.076	101.008	2) Madhya Pradesh	-0.671	35.748
3) Gas	6.303	36.504	3) Chattisgarh	2.000	17.350
Total MSPGCL	128.932	953.619	4) Maharashtra	143.291	1198.443
B) 1) APLM	45.837	359.926	5) Goa (Amona)	-1.050	-6.660
2) JSWEL	14.964	101.341	Total	148.137	1297.724
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.922	236.546
4) RPL(AMT)	17.248	132.928	b) Mumbai Drawl	28.964	249.531
5) SWPGPL	7.917	41.560	c) MSEDCL Bilateral *	70.071	488.425
6) Other IPP	6.038	46.790	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.922	236.393
C) 1) TPCL Thermal	10.236	75.983	Include PX	0.000	0.000
2) TPCL Hydro	2.863	35.885	Standby	0.000	0.153
3) TPCL Gas	2.596	19.352	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.513	65.610	1) MSEDCL	378.982	2816.994
D) STATE			2) Mumbai Discoms	55.172	446.361
1) Thermal	226.306	1640.245	3) Other Discoms	8.248	62.103
(A1+C1+C4+(B1-B6))			TOTAL STATE	442.402	3325.458
2) Hydro	11.939	136.893			
(A2+C2)					
3) Gas	8.899	55.856			
(A3+B7+C3)					
4) Wind	39.879	134.907			
6) SOLAR	7.242	59.833			
TOTAL STATE	294.265	2027.734			

* 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 24 Hrs
MSPGCL Thermal	4460	4093	4865	4548
MSPGCL Hydro	435	449	493	424
MSPGCL Gas	266	264	273	270
MSPGCL Total Generation	5161	4806	5631	5242
Central Sector Receipt	7451	6273	6250	4996
WIND	1851	2165	1938	1529
CPP / IPP Thermal	3248	3048	3990	4152
CPP / IPP Gas	0	0	0	0
SOLAR	923	926	0	0
Exchange with Mumbai	-1646	-1151	-953	-1067
MSEDCL DEMAND MET	16610	15722	16491	14530
Load Shedding	0	0	0	0
MSEDCL DEMAND	16610	15722	16491	14530
TPCL GENERATION	555	930	973	671
AEML GENERATION	330	496	499	447
MUMBAI DEMAND	2531	2577	2425	2185
OTHER DISCOM DEMAND	377	344	365	323
STATE DEMAND MET	19518	18644	19281	17037
STATE DEMAND	19518	18644	19281	17037
Frequency (Hz)	50.01	50.03	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 09.26 Hrs	49.78 Hz at 00.07 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 07/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.96	19.76	120	45
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	3.70	46.51	290	0
Unit 10	10.50	74.77	493	370
Total	16.16	141.05		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.04	56.98	400	255
Unit 5	8.10	52.13	400	285
Total	16.14	109.10		
Parli				
Unit 6	4.02	29.39	193	149
Unit 7	3.90	20.75	191	140
Unit 8	3.67	25.34	160	138
Total	11.59	75.48		
Chandrapur				
Unit 3	2.41	17.11	119	74
Unit 4	1.95	9.41	92	70
Unit 5	5.35	36.99	255	191
Unit 6	4.33	40.89	288	110
Unit 7	0.00	0.00	0	0
Unit 8	8.72	67.74	417	285
Unit 9	9.45	69.22	444	287
Total	32.21	241.36		
Paras				
Unit 3	3.76	28.29	200	127
Unit 4	4.08	28.59	202	143
Total	7.84	56.88		
Khaparkheda				
Unit 1	2.96	19.48	145	105
Unit 2	3.14	20.01	160	110
Unit 3	3.93	26.32	189	132
Unit 4	3.91	25.61	193	129
Unit 5	9.31	59.52	454	275
Total	23.24	150.94		
Nasik				
Unit 3	3.37	20.88	168	119
Unit 4	0.00	0.00	0	0
Unit 5	3.00	20.43	154	0
Total	6.37	41.31		
Uran				
All Units	6.30	36.50	273	199
Total	6.30	36.50		
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)	0.61	4.25	26	25
Total	0.61	4.25		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.17	22.25	110	30
Stage 4	0.00	21.64	0	0
Stage 3	1.10	12.12	160	0
Total	2.27	56.00		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.78	2.24	61	0
TILLARI	0.35	0.66	58	0
BHIRA T.R.	0.37	2.98	77	0
SMLHY_PTN	4.56	32.42	210	166
GHATGHAR	0.14	2.45	100	0
Total	6.20	40.75		
Wind				
Total	39.88	134.91	0	0
Total	39.88	134.91		
CPP				
APML(Mus)	45.84	359.93	0	0
JSWEL(Mus)	14.96	101.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.25	132.93	0	0
SWPGPL-Mus	7.92	41.56	0	0
Other(Mus)	6.04	46.79	0	0
Total	92.00	682.54		
SOLAR				
Total	7.24	59.83	0	0
Total	7.24	59.83		
Tata				
Trombay 5	6.47	50.12	448	218
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	11.24	92	39
Trombay 7B	1.12	8.11	60	34
TATA Hydro	2.86	35.88	371	36
Trombay 8	3.77	25.86	234	131
Total	15.70	131.22		
AEMIL				
DTPS U-1&2	10.51	65.61	500	330
Total	10.51	65.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.55	816.11	MSPGCL Total	128.93	953.62
			MSPGCL Thml+Gas	119.86	852.61	Koyna 1,2 & 4 Total	1.17	43.89
			MSPGCL Hydro	9.08	101.01	State Total	294.26	2027.73

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Aug/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5220	369	199	5788	1512	4568	0	0	5557	5377	-1234	15686	0	15686	2397	326	18408	49.92
2	5135	306	225	5666	1493	4051	0	0	5868	5611	-1105	15413	0	15413	2237	303	17953	49.93
3	5269	386	258	5913	1255	4033	0	0	5501	5571	-1081	15390	0	15390	2117	301	17808	49.97
4	5358	331	260	5949	1063	4155	0	0	5443	5466	-1055	15283	0	15283	2025	295	17603	50.00
5	5357	320	270	5947	978	4386	0	0	5710	5934	-1007	15933	0	15933	1997	305	18235	49.99
6	5380	243	270	5893	969	4597	0	6	6479	6495	-1057	16580	0	16580	2042	323	18945	50.02
7	5342	271	267	5880	1023	4576	0	88	7284	6979	-1087	17126	0	17126	2061	333	19520	50.04
8	5189	286	268	5743	1046	4152	0	326	7429	7336	-1150	17098	0	17098	2110	355	19563	50.02
9	5153	282	269	5704	1268	3813	0	617	7137	6966	-1343	16672	0	16672	2242	353	19267	50.05
10	4876	403	266	5545	1554	3691	0	790	7265	7044	-1546	16699	0	16699	2403	379	19481	50.13
11	4460	435	266	5161	1851	3248	0	923	7711	7451	-1646	16610	0	16610	2531	377	19518	50.01
12	4397	439	265	5101	2132	3336	0	940	7198	6903	-1598	16458	0	16458	2588	356	19402	49.99
13	4093	449	264	4806	2165	3048	0	926	6757	6273	-1151	15722	0	15722	2577	344	18644	50.03
14	4143	414	264	4821	2174	3023	0	884	6212	6582	-1530	15606	0	15606	2492	347	18445	50.06
15	4125	398	263	4786	2134	3118	0	771	6232	6243	-1531	15170	0	15170	2446	352	17968	50.01
16	3960	397	265	4622	2253	3025	0	536	6557	5941	-1445	14576	0	14576	2384	356	17316	49.90
17	4006	459	269	4734	2517	3186	0	306	6339	5736	-1250	14874	0	14874	2308	356	17538	50.00
18	4132	375	268	4775	2331	3287	0	120	5953	5723	-815	15044	0	15044	2289	378	17710	50.00
19	4385	356	270	5011	2055	3513	0	9	6012	6380	-906	15687	0	15687	2372	375	18434	50.01
20	4865	493	273	5631	1938	3990	0	0	6571	6250	-953	16491	0	16491	2425	365	19281	50.00
21	4741	382	271	5394	1759	4226	0	0	6093	6060	-1107	15996	0	15996	2378	336	18710	49.96
22	4719	412	271	5402	1442	4344	0	0	5519	5689	-1174	15340	0	15340	2311	362	18014	50.01
23	4700	446	272	5418	1438	4488	0	0	5463	5131	-1126	15000	0	15000	2255	348	17604	50.02
24	4548	424	270	5242	1529	4152	0	0	5489	4996	-1067	14530	0	14530	2185	323	17037	50.03
MUs	113.55	9.08	6.30	128.93	39.88	92.00	0.00	7.24	151.78	148.14	-28.96	378.98	0.00	378.98	55.17	8.25	442.40	50.00

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/2022

Position as on 6.30 Hrs of 08/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Koradi Unit 8	660	04/07/2022	21:55		Continued.	Annual Overhaul	10/08/2022
IPP	Adani U-3	660	27/07/2022	00:05		Continued.	Annual Overhaul	17/08/2022
MSPGCL	Koyna Unit 4	70	05/08/2022	17:20		Continued.	Generator winding differential protection	20/09/2022
FORCED OUTAGE								
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	22/10/2022
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	10/08/2022
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vibration high	24/08/2022
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
MSPGCL	Bhusawal Unit 3	210	16/07/2022	06:30		Continued.	Critical coal stock	
IPP	SWPGPL U-2	135	20/07/2022	01:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	03/08/2022	03:00		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	03/08/2022	21:45		Continued.	Boiler Validity Renevoation	
MSPGCL	Bhusawal Unit 5	500	05/08/2022	10:26		Continued.	ID Fan Problem	
MSPGCL	Uran Unit A0	120	06/08/2022	09:59	07/08/2022	01:58	Gas shortage	
MSPGCL	Nasik Unit 5	210	06/08/2022	21:58	07/08/2022	01:42	Flame Failure	
MSPGCL	Koradi Unit 9	660	07/08/2022	14:53		Continued.	Boiler Tube Leakage	09/08/2022
MSPGCL	Koyna Unit 5	80	07/08/2022	23:59		Continued.	Major Gov.Failure	
MSPGCL	Chandrapur Unit 6	500	08/08/2022	07:17		Continued.	Generator Elect. Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 08/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	07/08/2022	11:34	07/08/2022	14:01	T	TC-2 High Flow Trip B-phase indication
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
400 KV LINE Outages/Trippings							
CHANDRAPUR - BHADRAVATI CKT - 3	InterState	07/08/2022	12:29	07/08/2022	22:23	T	DT send from Chandrapur end to Bhadrawati ss.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	05/08/2022	00:06			HT	For load management
KARAD - TALANDGE CKT - 1	IntraState	05/08/2022	18:14			EO	Sparking observed at B -phase C Bus isolator own bay during shifting on TBC for CB overhauling work.
KARAD - LONIKAND I	IntraState	06/08/2022	10:31			HT	H/T TO CONTROL LINE LOADING
KHADKA-AURANGABAD (WALUJ)	IntraState	07/08/2022	00:52			HT	To control overvoltage
PADGHE - KALWA CKT - 1	IntraState	07/08/2022	10:25	07/08/2022	12:34	PO	1)Bay maint work 2) Diagnostic Testing work 3) Replacement of Gantry to Wave trap jumper of Rph 4)MTAMC work 5) Replacement of PG Isolator under LES schme
MAIN BUS - 1 @ KORADI - 2	IntraState	07/08/2022	10:26	07/08/2022	17:00	PO	Tan delta measurement of Bus CVT
PADGHE - KALWA CKT - 2	IntraState	07/08/2022	16:33	08/08/2022	01:18	T	TRIPPED ON DISTANCE PROTECTION
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	08/08/2022	05:24			T	Distance Protection
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	03/08/2022	05:03			HT	H/T for Line Loading.
TROMBAY - SALSETTE CKT - 1	IntraState	07/08/2022	06:27	07/08/2022	08:31	PO	FOR TREE TRIMMING
SALSETTE BORIVLI - 2	IntraState	07/08/2022	10:13			PO	THIRD PARTY WORK-FOR CONDUCTOR SHIFTING ON NEW TOWER AT LOC-2A
KANDALGAON - ONGC PANVEL	IntraState	07/08/2022	14:25	07/08/2022	15:29	T	TRIPPED ON DISTANCE PROTECTION
PIRANGUT - HINJAWADI 2	IntraState	07/08/2022	16:11	07/08/2022	18:27	EO	To remove flex at location no 20,21,12,13
INFOSYS - HINJAWADI 1	IntraState	07/08/2022	19:04	07/08/2022	19:45	EO	To remove flex at loc no 19,20
BOISAR II - TARAPUR	IntraState	07/08/2022	22:42			T	Tripped on Distance protection
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	08/08/2022	06:28	08/08/2022	07:11	T	Tripped on distance protection
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
132 KV LINE Outages/Trippings							
SOLAPUR 2(BALE)-NALDURG	IntraState	07/08/2022	15:28	07/08/2022	15:45	T	TRIPPED ON DISTANCE PROTECTION
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 08/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage