

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	167.083	1702.173	1) Gujrat	-8.191	-100.811
2) Hydro	9.837	151.522	2) Madhya Pradesh	5.017	71.894
3) Gas	1.447	54.067	3) Chattisgarh	3.300	53.180
Total MSPGCL	178.367	1907.762	4) Maharashtra	169.609	1963.580
B) 1) APLM	53.611	757.239	5) Goa (Amona)	-1.052	-16.582
2) JSWEL	20.994	270.308	Total	168.683	1971.261
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.052	307.791
4) RPL(AMT)	25.477	316.512	b) Mumbai Drawl	26.486	330.763
5) SWPGPL	6.373	66.313	c) MSEDCL Bilateral *	51.471	567.680
6) Other IPP	6.810	83.538	Include PX	19.444	173.120
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.052	307.791
C) 1) TPCL Thermal	13.480	177.420	Include PX	10.733	137.825
2) TPCL Hydro	6.649	69.572	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.616	135.267	1) MSEDCL	468.534	5606.728
D) STATE			2) Mumbai Discoms	57.231	725.498
1) Thermal	304.444	3508.770	TOTAL STATE	525.765	6332.226
(A1+C1+C4+(B1-B6))					
2) Hydro	16.486	221.094			
(A2+C2)					
3) Gas	1.447	66.543			
(A3+B7+C3)					
4) Wind	28.549	487.306			
6) SOLAR	6.156	77.252			
TOTAL STATE	357.082	4360.965			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7094	7030	6581	6994
MSPGCL Hydro	354	345	642	329
MSPGCL Gas	15	0	30	95
MSPGCL Total Generation	7463	7375	7253	7418
Central Sector Receipt	8592	8464	6212	5865
WIND	929	1134	1525	1203
CPP / IPP Thermal	4640	4636	4657	4683
CPP / IPP Gas	0	0	0	0
SOLAR	814	793	0	0
Exchange with Mumbai	-1387	-1356	-1193	-991
MSEDCL DEMAND MET	21051	21046	18454	18178
Load Shedding	0	0	0	0
MSEDCL DEMAND	21051	21046	18454	18178
TPCL GENERATION	1052	1029	879	474
AEML GENERATION	500	501	451	343
MUMBAI DEMAND	2939	2886	2523	1808
STATE DEMAND MET	23990	23932	20977	19986
STATE DEMAND	23990	23932	20977	19986
Frequency (Hz)	50.00	49.99	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.89 Hz at 16.52 Hrs	50.02	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 13/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.55	21.83	200	130
Unit 7	0.00	0.00	0	0
Unit 8	13.51	119.01	600	524
Unit 9	11.73	139.71	530	450
Unit 10	12.76	113.94	550	510
Total	41.55	394.50		
Bhusawal				
Unit 3	3.75	21.32	180	120
Unit 4	10.49	130.22	485	415
Unit 5	10.57	128.14	475	425
Total	24.81	279.68		
Parli				
Unit 6	5.38	30.15	240	166
Unit 7	5.49	33.05	241	187
Unit 8	4.88	41.89	216	192
Total	15.75	105.09		
Chandrapur				
Unit 3	3.35	42.89	145	130
Unit 4	3.50	47.02	158	125
Unit 5	8.35	106.98	402	330
Unit 6	9.20	105.24	400	345
Unit 7	8.46	83.69	381	298
Unit 8	10.63	132.26	458	430
Unit 9	0.00	0.00	0	0
Total	43.49	518.08		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	62.20	236	172
Total	5.36	62.20		
Khaparkheda				
Unit 1	3.61	28.18	165	135
Unit 2	3.92	33.82	170	135
Unit 3	4.48	38.93	205	155
Unit 4	4.44	39.21	210	158
Unit 5	11.58	136.25	500	454
Total	28.03	276.39		
Nasik				
Unit 3	3.92	19.03	185	122
Unit 4	4.16	21.47	196	130
Unit 5	0.00	25.72	0	0
Total	8.08	66.22		
Uran				
All Units	1.45	54.07	105	0
Total	1.45	54.07		
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)	0.56	5.29	24	23
Total	0.56	5.29		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.46	33.25	280	40
Stage 4	0.27	0.27	206	0
Stage 3	0.68	11.89	138	0
Total	2.41	45.41		
Hydro				
KDPH	0.86	10.89	36	36
VTRNA	0.29	0.29	59	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.50	5.80	40	0
SMLHY_PTN	5.77	76.91	253	228
GHATGHAR	0.00	6.06	0	0
Total	7.42	106.11		
Wind				
Total	28.55	487.31	0	0
Total	28.55	487.31		
CPP				
APML(Mus)	53.61	757.24	0	0
JSWEL(Mus)	20.99	270.31	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.48	316.51	0	0
SWPGPL-Mus	6.37	66.31	0	0
Other(Mus)	6.81	83.54	0	0
Total	113.26	1493.91		
SOLAR				
Total	6.16	77.25	0	0
Total	6.16	77.25		
Tata				
Trombay 5	9.10	118.61	481	278
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	4.38	58.81	222	135
TATA Hydro	6.65	69.57	459	56
Total	20.13	259.47		
AEMIL				
DTPS U-1&2	10.62	135.27	501	285
Total	10.62	135.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	167.08	1702.17	MSPGCL Total	178.37	1907.76
			MSPGCL Thml+Gas	168.53	1756.24	Koyna 1,2 & 4 Total	1.73	33.52
			MSPGCL Hydro	9.84	151.52	State Total	357.08	4360.96

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	7042	423	104	7569	867	4724	0	0	5579	5761	-748	18173	0	18173	2161	20334	50.00
2	7077	367	95	7539	1094	4732	0	0	5563	5480	-688	18157	0	18157	2020	20177	50.04
3	7057	335	105	7497	1246	4710	0	0	5671	5715	-867	18301	0	18301	1882	20183	50.00
4	6994	329	95	7418	1203	4683	0	0	5738	5865	-991	18178	0	18178	1808	19986	50.01
5	7037	334	104	7475	1007	4704	0	0	5899	6160	-790	18556	0	18556	1791	20347	50.02
6	7097	334	105	7536	982	4709	0	0	6532	6919	-611	19535	0	19535	1875	21410	50.00
7	7116	483	95	7694	838	4671	0	32	7481	7870	-589	20516	0	20516	1931	22447	50.00
8	7106	458	105	7669	682	4682	0	199	7793	8019	-749	20502	0	20502	2107	22609	50.02
9	7118	439	104	7661	716	4674	0	387	8050	8240	-985	20693	0	20693	2402	23095	50.03
10	7077	431	95	7603	821	4687	0	566	8030	8525	-1156	21046	0	21046	2690	23736	50.02
11	7112	365	85	7562	910	4683	0	776	8303	8389	-1335	20985	0	20985	2881	23866	50.03
12	7094	354	15	7463	929	4640	0	814	8298	8592	-1387	21051	0	21051	2939	23990	50.00
13	7030	345	0	7375	1134	4636	0	793	8222	8464	-1356	21046	0	21046	2886	23932	49.99
14	7023	334	0	7357	1060	4655	0	731	7879	8134	-1231	20706	0	20706	2750	23456	50.02
15	6993	314	0	7307	1266	4622	0	633	8122	8072	-1218	20682	0	20682	2757	23439	50.01
16	7033	317	0	7350	1316	4677	0	558	8457	8577	-1379	21099	0	21099	2740	23839	50.02
17	7001	369	0	7370	1504	4699	0	425	8036	7887	-1504	20381	0	20381	2700	23081	49.98
18	6861	363	10	7234	1461	4631	0	219	7292	7257	-1554	19248	0	19248	2628	21876	50.03
19	6698	475	30	7203	1712	4631	0	23	6395	6167	-1326	18410	0	18410	2551	20961	50.07
20	6581	642	30	7253	1525	4657	0	0	6118	6212	-1193	18454	0	18454	2523	20977	50.02
21	6553	424	50	7027	1568	4770	0	0	5757	6050	-1169	18246	0	18246	2412	20658	50.03
22	6624	655	70	7349	1589	4828	0	0	5188	5460	-1219	18007	0	18007	2314	20321	50.04
23	6975	503	70	7548	1633	5005	0	0	5157	5367	-1157	18396	0	18396	2253	20649	50.02
24	6784	444	80	7308	1486	5155	0	0	5450	5501	-1284	18166	0	18166	2230	20396	50.01
MUs	167.08	9.84	1.45	178.37	28.55	113.27	0.00	6.16	165.01	168.68	-26.49	468.53	0.00	468.53	57.23	525.77	50.02

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 13/Aug/2021

Position as on 6.30 Hrs of 14/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	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18	13/08/2021	17.25	Gas shortage	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02	14/08/2021	00.43	Gas shortage	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	11/08/2021	03.46	13/08/2021	20.01	Main Steam Line Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 14/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
400 KV Main Bus II @ Aurangabad (Ektuni)	IntraState	13/08/2021	12.32	13/08/2021	18.00	EO	160 deg hotspot on 412 89B R ph (bus side) of 400kv main bus 2 also the iso stud along with jump is tilted so the female isolator arm required urgent replacement.
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
Koradi-RattanIndia	IntraState	13/08/2021	14.16	13/08/2021	19.40	T	Distance Protection
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)
Butibori 3-Butibori 1	InterState	13/08/2021	12.51	13/08/2021	14.50	PO	Replacement of RPH bus I isolator to bus ii isolator t jumper.
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).
Lamboti - Pandharpur li	IntraState	13/08/2021	03.00	13/08/2021	03.20	T	Distance Protection
Kalwa - Colourchem	IntraState	13/08/2021	09.03	13/08/2021	21.26	PO	Carry out complete monopole erection work at tower loc no. 04 (behind RBL premises).
Warora - Wardha	IntraState	13/08/2021	10.21	13/08/2021	14.24	PO	1. Tan delta & cap measurement of cts & ccs. 2. timing, crm & ir measurement of cb 3. routine bay maintenance work.
Sawantwadi-Bidri	IntraState	13/08/2021	10.25	13/08/2021	14.05	PO	CB timing, CRM & tan delta.
PAL DOMBIVALI - PALAVA	IntraState	13/08/2021	10.45	13/08/2021	15.09	PO	Replacement of 02 Nos. of damaged conductors of 220kv Padghe line Bay.
Kolshet-Roma	IntraState	13/08/2021	11.21		Continued.	PO	Outage required for safety purpose for : Pilling work by Rig machine between pilling points no. P117 and P118 near Patlipada flyover under MMRDA project (Reliance Astaldi).
Koradi-Ambazari-li	IntraState	13/08/2021	12.29	13/08/2021	15.44	PO	Replacement of faulty

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 13/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 14/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							distance relay.
Kharepatan -Pawas Line	IntraState	13/08/2021	14.00	13/08/2021	19.39	T	Distance Protection
Kharghar - Nerul	IntraState	13/08/2021	14.20	13/08/2021	17.20	PO	Attend hotspot on R&B-ph CT of 220kV Nerul line.
220 KV ICT Outages/Trippings							
220/132kv 115mva Bhel Ptr 3 @Lonand	IntraState	13/08/2021	09.12	13/08/2021	14.49	PO	1. Quarterly maintenance work 2. Diagnostic testing work.
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	13/08/2021	10.29	13/08/2021	18.08	PO	Overhauling of HV CB.
220/132 kV 200 Mva ICT-II @Boisar -ji	IntraState	13/08/2021	10.47	13/08/2021	14.42	PO	DFR test by TCC Vashi.

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