

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Feb/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	156.469	1959.635	1) Gujrat	-8.760	-110.488
2) Hydro	14.172	172.640	2) Madhya Pradesh	4.026	71.726
3) Gas	6.932	91.449	3) Chattisgarh	7.240	88.650
Total MSPGCL	177.573	2223.724	4) Maharashtra	140.930	1814.720
B) 1) APML	66.691	893.030	5) Goa (Amona)	-0.976	-19.360
2) JSWEL	14.058	187.872	Total	142.460	1845.248
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.802	237.886
4) RPL(AMT)	31.176	363.073	b) Mumbai Drawl	22.004	276.336
5) SWPGPL	8.519	105.360	c) MSEDCL Bilateral *	68.333	879.013
6) Other IPP	40.981	522.479	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.802	237.665
C) 1) TPCL Thermal	9.638	120.384	Include PX	0.000	0.000
2) TPCL Hydro	1.436	45.022	Standby	0.000	0.220
3) TPCL Gas	3.405	44.904	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.774	120.891	1) MSEDCL	464.980	6006.551
D) STATE			2) Mumbai Discoms	43.257	607.540
1) Thermal	334.306	4272.724	3) Other Discoms	7.920	107.398
(A1+C1+C4+(B1-B6))			TOTAL STATE	516.157	6721.489
2) Hydro	15.608	217.662			
(A2+C2)					
3) Gas	10.337	136.353			
(A3+B7+C3)					
4) Wind	4.686	136.905			
6) SOLAR	8.760	112.594			
TOTAL STATE	373.697	4876.238			

* 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	6604	6674	6637	6179
MSPGCL Hydro	1273	591	978	344
MSPGCL Gas	282	279	283	295
MSPGCL Total Generation	8159	7544	7898	6818
Central Sector Receipt	7750	7245	5269	4783
WIND	226	153	226	390
CPP / IPP Thermal	7068	7054	6470	5547
CPP / IPP Gas	0	0	0	0
SOLAR	1073	1247	0	0
Exchange with Mumbai	-1117	-1117	-1077	-925
MSEDCL DEMAND MET	22932	21924	18567	16374
Load Shedding	0	0	0	0
MSEDCL DEMAND	22932	21924	18567	16374
TPCL GENERATION	645	646	697	546
AEML GENERATION	282	283	282	281
MUMBAI DEMAND	2044	2046	2056	1752
OTHER DISCOM DEMAND	354	332	351	320
STATE DEMAND MET	25330	24302	20974	18446
STATE DEMAND	25330	24302	20974	18446
Frequency (Hz)	49.98	49.99	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 06:02 Hrs	49.85 Hz at 10:09 Hrs	49.99	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 13/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.55	46.38	165	125
Unit 7	0.00	0.00	0	0
Unit 8	13.82	180.02	602	553
Unit 9	13.75	172.20	598	540
Unit 10	12.82	163.88	580	490
Total	43.94	562.48		
Bhusawal				
Unit 3	3.42	41.70	170	115
Unit 4	0.00	0.00	0	0
Unit 5	10.61	125.54	480	410
Total	14.03	167.24		
Parli				
Unit 6	4.14	50.96	199	147
Unit 7	3.95	51.20	187	145
Unit 8	3.93	49.04	180	143
Total	12.01	151.20		
Chandrapur				
Unit 3	3.62	21.28	179	120
Unit 4	3.50	14.38	171	116
Unit 5	7.41	103.47	370	275
Unit 6	6.91	99.52	335	255
Unit 7	7.11	105.55	370	273
Unit 8	10.13	133.85	457	350
Unit 9	10.10	130.55	448	397
Total	48.77	608.60		
Paras				
Unit 3	5.04	59.55	257	144
Unit 4	4.62	56.57	248	144
Total	9.66	116.12		
Khaparkheda				
Unit 1	2.54	40.68	115	95
Unit 2	2.58	10.92	120	100
Unit 3	2.89	47.98	135	102
Unit 4	2.76	38.96	129	100
Unit 5	10.19	135.40	450	405
Total	20.96	273.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.59	43.18	186	116
Unit 5	3.50	36.86	181	116
Total	7.09	80.05		
Uran				
All Units	6.93	91.45	308	268
Total	6.93	91.45		
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)	0.30	2.62	38	0
Total	0.30	2.62		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.48	31.60	400	35
Stage 4	1.78	27.29	493	0
Stage 3	0.84	12.71	80	0
Total	5.10	71.59		
Hydro				
KDPH	0.84	9.02	35	35
VTRNA	0.55	9.41	60	0
TILLARI	0.52	6.73	58	0
BHIRA T.R.	0.12	2.60	77	0
SMLHY_PTN	6.56	66.59	282	260
GHATGHAR	0.48	6.71	125	0
Total	9.07	101.05		
Wind				
Total	4.69	136.90	0	0
Total	4.69	136.90		
CPP				
APML(Mus)	66.69	893.03	0	0
JSWEL(Mus)	14.06	187.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.18	363.07	0	0
SWPGPL-Mus	8.52	105.36	0	0
Other(Mus)	40.98	522.48	0	0
Total	161.42	2071.81		
SOLAR				
Total	8.76	112.59	0	0
Total	8.76	112.59		
Tata				
Trombay 5	6.33	72.70	329	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.02	27.14	115	62
Trombay 7B	1.38	17.77	67	51
TATA Hydro	1.44	45.02	134	21
Trombay 8	3.31	47.69	187	131
Total	14.48	210.31		
AEML				
DTPS U-1&2	6.77	120.89	284	281
Total	6.77	120.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	156.47	1959.64	MSPGCL Total	177.57	2223.72
			MSPGCL Thml+Gas	163.40	2051.08	Koyna 1,2 & 4 Total	4.26	58.88
			MSPGCL Hydro	14.17	172.64	State Total	373.70	4876.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Feb/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	6272	342	295	6909	99	6408	0	0	5024	5005	-819	17301	0	17301	1646	301	19248	49.92
2	6277	352	296	6925	162	6627	0	0	5091	5037	-730	17723	0	17723	1539	298	19560	49.99
3	6500	340	306	7146	119	6858	0	0	5129	4898	-657	18080	0	18080	1466	284	19830	49.97
4	6489	340	297	7126	116	6970	0	0	5118	4607	-620	17937	0	17937	1427	262	19626	49.99
5	6585	337	307	7229	121	7063	0	0	5031	4659	-629	18163	0	18163	1435	280	19878	49.99
6	6821	342	297	7460	195	7135	0	0	5378	5513	-686	19320	0	19320	1495	297	21112	49.99
7	6857	416	297	7570	255	7222	0	3	5253	5205	-633	19304	0	19304	1580	318	21202	49.98
8	6875	1033	308	8216	310	7258	0	111	5257	5466	-638	20385	0	20385	1657	338	22380	50.02
9	6853	1117	297	8267	247	7236	0	457	5941	5799	-888	20767	0	20767	1797	351	22915	50.02
10	6586	952	294	7832	265	7190	0	823	7074	6964	-1025	21696	0	21696	1932	353	23981	49.96
11	6604	1273	282	8159	226	7195	0	1073	7716	7750	-1117	22932	0	22932	2044	354	25330	49.98
12	6712	835	281	7828	176	7190	0	1229	7952	7827	-1145	22766	0	22766	2080	339	25185	50.00
13	6674	591	279	7544	153	7184	0	1247	7793	7245	-1117	21924	0	21924	2046	332	24302	49.99
14	6518	439	279	7236	140	6975	0	1245	7620	7609	-1089	21774	0	21774	1972	342	24088	49.99
15	6330	413	268	7011	93	6719	0	1093	7943	7727	-1081	21221	0	21221	1917	341	23479	50.05
16	6464	442	268	7174	82	6486	0	835	8020	7729	-1038	20924	0	20924	1872	344	23140	50.01
17	6454	497	269	7220	89	6447	0	513	7005	6748	-986	19681	0	19681	1852	350	21883	50.02
18	6520	563	281	7364	134	6514	0	131	6027	5858	-943	18700	0	18700	1869	358	20927	50.03
19	6402	823	281	7506	193	6537	0	0	5657	5631	-986	18524	0	18524	1959	357	20840	49.99
20	6637	978	283	7898	226	6602	0	0	5644	5269	-1077	18567	0	18567	2056	351	20974	49.94
21	6429	503	293	7225	229	6377	0	0	5264	5090	-1107	17449	0	17449	2038	365	19852	50.01
22	6298	478	294	7070	312	6027	0	0	5346	5055	-1069	17042	0	17042	1968	353	19363	50.00
23	6133	422	285	6840	354	5577	0	0	5299	4986	-999	16423	0	16423	1858	335	18616	50.01
24	6179	344	295	6818	390	5628	0	0	5262	4783	-925	16374	0	16374	1752	320	18446	50.02
MUs	156.47	14.17	6.93	177.57	4.69	161.43	0.00	8.76	146.84	142.46	-22.00	464.98	0.00	464.98	43.26	7.92	516.16	49.99

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/Feb/2022

Position as on 6.30 Hrs of 14/Feb/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 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	13/01/2022	00:00		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		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	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Uran Unit B0	120	12/02/2022	06:37		Continued.	Controller Fault	
MSPGCL	Uran Unit 8	108	12/02/2022	06:37		Continued.	Controller Fault.	
IPP	Adani U-3	660	13/02/2022	15:16		Continued.	Due to APH-B hot PA below leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 13/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Tripping							
BUS - I @ KORADI - 3	IntraState	13/02/2022	09:39	13/02/2022	19:41	PO	Annual Maintenance of Bus Equipments
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	12/02/2022	01:15	13/02/2022	16:43	PO	1) Replacement of B Bus Conductor by Partial Bus Outage 2) Replacement of PG Isolator 3) During Bus 2 outage 400 KV Kalwa -Padghe ckt-1 H/T for safety purpose. 6 hrs 4) During Bus 2 outage 400KV Kalwa-Padghe ckt-2 will be in service through TBC. 5.) HVDC pole -1 out durion BUS-2 outage .6) HVDC-pole 2 out for safety purpose .Shifting below lines B-bus to ABus through TBC 400KV Tarapur -ckt 2 and 400KV
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	13/02/2022	01:43	13/02/2022	04:00	PO	Restoration of 400kv Padgha bus-2 for safety purpose.
400 KV TIEBAY Outages/Tripping							
TIE BAY (429) OF ICT - 1 @ KORADI - 2	IntraState	13/02/2022	08:12	13/02/2022	19:11	PO	33kV BPI excavation work associated with rapid restoration scheme near 33KV Side of ICT1.
400 KV MAINBAY Outages/Tripping							
MAIN BAY (430) OF ICT - 1 @ KORADI - 2	IntraState	13/02/2022	08:12	13/02/2022	19:07	PO	33kV BPI excavation work associated with rapid restoration scheme near 33KV Side of ICT1.
400 KV LINE Outages/Tripping							
THAPTI TANDA - WALUJ	IntraState	01/02/2022	13:01			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
DEEPNAGAR - THAPTI TANDA	IntraState	01/02/2022	13:11			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	04/02/2022	14:43			HT	H/T TO CONTROL 400KV TALEGAON PG -CHAKAN LINE LOADING.
PADGHE - KALWA CKT - 2	IntraState	11/02/2022	13:58	13/02/2022	15:27	PO	Line will be in service through TBC 1) Replacement of B Bus Conductor by Partial Bus Outage 2) Replacement of PG Isolator 3) During Bus 2 outage 400 KV Kalwa -Padghe ckt-1 H/T for safety purpose. 6 hrs 4) During Bus 2 outage 400KV Kalwa-Padghe ckt-2 will be in service through TBC. 5.) HVDC pole -1 out durion BUS-2 outage .6) HVDC-pole 2 out for safety purpose .Shifting below lines B-bus to ABus through TBC 400KV Tarapur -ckt 2 and 400KV

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
AKOLA - KHADKA (BHUSAWAL)	IntraState	12/02/2022	22:24	13/02/2022	01:53	EO	Permission for Emergency outage on 400 KV Khadka- Akola line for replacement of R phase faulty suspension string at location no 867.
PADGHE - KALWA CKT - 1	IntraState	13/02/2022	09:49	13/02/2022	14:51	PO	Restoration of Padghe BUS 2 .Line Hand tripped for Safety purpose
400 KV ICT Outages/Trippings							
400/11kV STN-4B @ DEEPNAGAR	IntraState	03/02/2022	12:57			PO	Oil Filtration and other allied works of STN - 4B at 2 x 500MW , BTPS, Deepnagar, MSPGCL
220 KV LV BAY 205 OF 400/220 KV ICT - I	IntraState	13/02/2022	08:12	13/02/2022	19:15	PO	33kV BPI excavation work associated with rapid restoration scheme near 33KV Side of ICT1.
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
GHODBUNDER - MSETCL BOISAR	IntraState	04/02/2022	13:40			T	TRIPPED ON DIST.PROTN.
KARAD - VITA CKT- 1	IntraState	07/02/2022	08:36			PO	For tower erection of Loc.no.23-24 and stringing work between Loc.no.22-23-24-25 in respect of modification of EHV lines crossing Pune � Miraj Railway electrification work
KARAD - VITA CKT- 2	IntraState	07/02/2022	08:40			PO	For tower erection of Loc.no.23-24 and stringing work between Loc.no.22-23-24-25 in respect of modification of EHV lines crossing Pune � Miraj Railway electrification work
MAHINDRA VEHICLE- BRIDGESTONE	IntraState	13/02/2022	09:16	13/02/2022	18:46	PO	M/S MVML Consumer for jumper connection work from Isolator to PT, Metering connections, CT-PT testing and charging of new CT-PT for 40MVA for Consumer bay-1 & Opportunity outage for Bay Maintenance and Relay Testing work.
CHAKAN-MAHINDRA VEHICLE	IntraState	13/02/2022	09:18	13/02/2022	18:28	PO	M/S MVML Consumer for jumper connection work from Isolator to PT, Metering connections, CT-PT testing and charging of new CT-PT for 40MVA for Consumer bay-1 & Opportunity outage for Bay Maintenance and Relay Testing work.
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.
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/12/2021	14:32			PO	Replacement of existing 100 MVA ICT 02 by new 200 MVA ICT 02
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	28/01/2022	12:10			PO	Dismantling of bus post insulator jump of 220kV Main bus by hot line unit for erection of new bus post isolator
220/22 KV 50 MVA PTR 1 @ BHANDUP GIS	IntraState	13/02/2022	08:02	13/02/2022	14:38	PO	HV testing work of 220kV Bus, using Tata Power testing Kit at 220kV GIS Bhandup.
220 / 110 / 33kV 315 MVA ICT 5	IntraState	13/02/2022	10:06	13/02/2022	17:21	PO	FOR CHECKING DIMENSIONS FOR 110 KV GIS PROJECT WORK
220/132 KV 100 MVA ICT 1	IntraState	13/02/2022	14:57	13/02/2022	15:05	T	Overcurrent Protection

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 200 MVA ICT 2 @ BABHLESHWAR	IntraState	13/02/2022	14:57	13/02/2022	15:05	T	Overcurrent Protection
220 KV BUSBAR Outages/Trippings							
GIS BUS - 2 @ KARANJADE	IntraState	13/02/2022	08:41	14/02/2022	02:10		For new Reactor Bay installation work

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