

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.524	1029.385	1) Gujrat	-8.510	-63.504
2) Hydro	14.386	86.884	2) Madhya Pradesh	4.642	45.160
3) Gas	7.234	49.594	3) Chattisgarh	6.860	45.610
Total MSPGCL	174.144	1165.863	4) Maharashtra	142.307	979.371
B) 1) APMIL	70.109	479.912	5) Goa (Amona)	-1.528	-10.705
2) JSWEL	14.485	99.968	Total	143.771	995.932
3) VIPL	0.000	0.000	a) Mumbai Schedule	11.311	122.433
4) RPL(AMT)	28.236	192.726	b) Mumbai Drawl	20.473	146.478
5) SWPGPL	8.179	56.056	c) MSEDCL Bilateral *	62.224	469.572
6) Other IPP	40.112	279.327	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	11.311	122.213
C) 1) TPCL Thermal	9.763	58.299	Include PX	0.000	0.000
2) TPCL Hydro	3.674	26.687	Standby	0.000	0.220
3) TPCL Gas	2.849	22.065	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.056	70.691	1) MSEDCL	463.516	3190.088
D) STATE			2) Mumbai Discoms	46.815	324.219
1) Thermal	333.464	2266.364	3) Other Discoms	8.428	67.667
(A1+C1+C4+(B1-B6))			TOTAL STATE	518.759	3581.974
2) Hydro	18.060	113.571			
(A2+C2)					
3) Gas	10.083	71.659			
(A3+B7+C3)					
4) Wind	4.850	73.071			
6) SOLAR	8.531	61.378			
TOTAL STATE	374.988	2586.043			

* 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 2 Hrs
MSPGCL Thermal	6704	6667	6644	5699
MSPGCL Hydro	1634	1016	571	222
MSPGCL Gas	278	307	300	293
MSPGCL Total Generation	8616	7990	7515	6214
Central Sector Receipt	7364	7375	5454	5172
WIND	85	91	167	324
CPP / IPP Thermal	7067	7009	6926	5605
CPP / IPP Gas	0	0	0	0
SOLAR	1201	1253	0	0
Exchange with Mumbai	-1149	-1175	-853	-642
MSEDCL DEMAND MET	22938	22302	18957	16481
Load Shedding	0	0	0	0
MSEDCL DEMAND	22938	22302	18957	16481
TPCL GENERATION	829	744	905	481
AEML GENERATION	498	491	491	316
MUMBAI DEMAND	2476	2410	2249	1439
OTHER DISCOM DEMAND	376	372	384	273
STATE DEMAND MET	25790	25084	21590	18193
STATE DEMAND	25790	25084	21590	18193
Frequency (Hz)	50.01	50.06	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 18.02 Hrs	49.71 Hz at 05.50 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 07/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.46	24.53	175	120
Unit 7	0.00	0.00	0	0
Unit 8	14.05	97.40	601	548
Unit 9	12.96	93.43	585	471
Unit 10	13.06	89.24	565	506
Total	43.53	304.60		
Bhusawal				
Unit 3	3.49	22.44	170	115
Unit 4	0.00	0.00	0	0
Unit 5	9.71	66.48	465	285
Total	13.20	88.92		
Parli				
Unit 6	4.12	27.79	199	146
Unit 7	3.82	27.91	184	129
Unit 8	3.88	26.04	182	140
Total	11.82	81.75		
Chandrapur				
Unit 3	0.92	0.92	120	0
Unit 4	0.00	0.00	0	0
Unit 5	8.35	56.91	380	290
Unit 6	7.77	54.68	360	275
Unit 7	8.31	55.40	395	281
Unit 8	9.92	71.74	431	381
Unit 9	10.26	70.39	458	375
Total	45.52	310.02		
Paras				
Unit 3	4.93	31.71	252	140
Unit 4	4.72	30.47	242	143
Total	9.65	62.18		
Khaparkheda				
Unit 1	3.20	22.55	150	110
Unit 2	0.00	0.00	0	0
Unit 3	4.00	26.78	196	126
Unit 4	3.78	18.38	180	129
Unit 5	11.02	73.86	480	310
Total	22.01	141.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.43	23.03	170	114
Unit 5	3.36	17.32	182	118
Total	6.79	40.35		
Uran				
All Units	7.23	49.59	323	277
Total	7.23	49.59		
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)	0.40	0.84	40	0
Total	0.40	0.84		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.54	17.81	445	35
Stage 4	2.64	10.14	671	0
Stage 3	1.49	6.19	240	0
Total	7.67	34.14		
Hydro				
KDPH	0.43	4.09	18	18
VTRNA	0.75	5.11	60	0
TILLARI	0.52	3.60	58	0
BHIRA T.R.	0.12	1.58	40	0
SMLHY_PTN	4.02	34.46	172	164
GHATGHAR	0.87	3.91	125	0
Total	6.72	52.74		
Wind				
Total	4.85	73.07	0	0
Total	4.85	73.07		
CPP				
APML(Mus)	70.11	479.91	0	0
JSWEL(Mus)	14.48	99.97	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.24	192.73	0	0
SWPGPL-Mus	8.18	56.06	0	0
Other(Mus)	40.11	279.33	0	0
Total	161.12	1107.99		
SOLAR				
Total	8.53	61.38	0	0
Total	8.53	61.38		
Tata				
Trombay 5	6.33	32.24	332	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.67	13.14	113	49
Trombay 7B	1.18	8.92	66	41
TATA Hydro	3.67	26.69	338	0
Trombay 8	3.43	26.06	197	132
Total	16.29	107.05		
AEML				
DTPS U-1&2	10.06	70.69	498	312
Total	10.06	70.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.52	1029.38	MSPGCL Total	174.14	1165.86
			MSPGCL Thml+Gas	159.76	1078.98	Koyna 1,2 & 4 Total	6.18	27.95
			MSPGCL Hydro	14.39	86.88	State Total	374.99	2586.04

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5565	292	312	6169	349	5634	0	0	5295	5353	-722	16498	0	16498	1536	285	18319	50.01
2	5699	222	293	6214	324	5686	0	0	5432	5172	-642	16481	0	16481	1439	273	18193	50.01
3	5768	222	323	6313	373	5852	0	0	5365	5075	-575	16768	0	16768	1371	270	18409	50.00
4	5770	228	292	6290	311	5980	0	0	5336	5135	-546	16903	0	16903	1338	267	18508	49.99
5	5827	221	313	6361	221	6108	0	0	5343	5433	-564	17256	0	17256	1358	303	18917	49.98
6	6117	333	302	6752	178	6655	0	0	5396	5261	-602	17919	0	17919	1447	325	19691	49.82
7	6574	370	323	7267	208	7074	0	7	5233	5281	-535	18959	0	18959	1577	343	20879	49.96
8	6741	667	293	7701	240	7190	0	106	5531	5824	-538	20168	0	20168	1767	355	22290	49.98
9	6755	1115	313	8183	160	7187	0	449	6082	6260	-827	21046	0	21046	2060	366	23472	50.02
10	6773	1304	310	8387	102	7214	0	791	6651	6766	-969	21925	0	21925	2312	366	24603	50.01
11	6749	1752	300	8801	118	7188	0	1053	7171	7129	-1040	22884	0	22884	2458	365	25707	50.01
12	6704	1634	278	8616	85	7197	0	1201	7438	7364	-1149	22938	0	22938	2476	376	25790	50.01
13	6667	1016	307	7990	91	7140	0	1253	7038	7375	-1175	22302	0	22302	2410	372	25084	50.06
14	6576	462	277	7315	110	6999	0	1185	7049	7483	-1200	21521	0	21521	2252	371	24144	50.01
15	6588	743	287	7618	111	7014	0	1055	7316	7508	-1216	21712	0	21712	2231	378	24321	49.92
16	6701	589	307	7597	126	6981	0	821	7573	7441	-1178	21407	0	21407	2216	381	24004	49.97
17	6654	600	288	7542	143	7014	0	485	6593	6680	-992	20470	0	20470	2205	402	23077	49.94
18	6657	592	299	7548	167	7038	0	122	5864	5798	-841	19440	0	19440	2197	392	22029	50.01
19	6652	407	290	7349	210	7100	0	3	5606	5479	-832	18905	0	18905	2241	404	21550	50.00
20	6644	571	300	7515	167	7058	0	0	5752	5454	-853	18957	0	18957	2249	384	21590	50.02
21	6569	281	301	7151	233	7053	0	0	5441	4756	-880	17918	0	17918	2144	395	20457	50.02
22	6022	282	312	6616	243	6541	0	0	5274	5014	-883	17161	0	17161	2002	370	19533	50.00
23	5903	264	301	6468	276	6138	0	0	5356	5279	-895	16917	0	16917	1840	349	19106	49.98
24	5849	219	313	6381	304	6080	0	0	5305	5451	-819	17061	0	17061	1689	336	19086	49.99
MUs	152.52	14.39	7.23	174.14	4.85	161.12	0.00	8.53	144.44	143.77	-20.47	463.52	0.00	463.52	46.82	8.43	518.76	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 07/Feb/2022

Position as on 6.30 Hrs of 08/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	Khaparkheda Unit 2	210	09/12/2021	01:49		Continued.	CHP coal feeding problem(Converted to Annual Overhaul 00:00Hrs Dt. 18.12.2021)	
MSPGCL	Koyana 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.	
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Chandrapur Unit 4	210	18/01/2022	23:47		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	19/01/2022	00:00	07/02/2022	13:37	Coal Shortage	07/02/2022
MSPGCL	Uran Unit 5	108	03/02/2022	16:54		Continued.	Gas shortage	

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

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2022

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							
DHULE - SSNNL CKT - 2	InterState	07/02/2022	10:30	07/02/2022	18:24	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work. 400kV SSNNL Ckt-1 A/R switch will be kept on non auto mode.
WARORA - WARDHA (PG)	InterState	07/02/2022	17:49	08/02/2022	01:30	T	B-ph 24 KA 10 Km from Wardha
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.
KARAD - LONIKAND I	IntraState	07/02/2022	11:31	07/02/2022	17:34	PO	400kV Breaker DCRM, CRM & Timing measurement work.
DHULE- - BABLESHWAR - II	IntraState	07/02/2022	13:10	07/02/2022	13:53	T	Mal-operation
NEW KOYNA-KARAD CKT - 2	IntraState	08/02/2022	05:26			T	tripped on dist. protn
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	08/02/2022	10:05			PO	1) C & tan delta measurement of reactor. 2) Bay maintenance work. 3) Hardware Tightening and Fitting Work.
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
400/220KV 315 MVA ICT - 1 @ NEW KOYNA	IntraState	07/02/2022	09:49	07/02/2022	20:40	PO	Diagnostic testing & Relay testing work & Routine maint. Work
400/220/33 KV 315 MVA ICT - 1 @ DHULE	IntraState	08/02/2022	09:40			PO	To attend oil leakage in main tank of R and B ph
220 KV TBC Outages/Trippings							
BUS COUPLER @ 5 STAR MIDC	IntraState	07/02/2022	10:30	07/02/2022	14:52	PO	For diagnostic testing work of CB, CTs of 220 KV Bus coupler.
220 KV LINE Outages/Trippings							
AAREY - MSETCL BORIVALI CKT - 1	IntraState	28/01/2022	12:38			T	TRIPPED ON DIST.PROTN
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
BOISAR II - BOISAR (PG) CKT - 1	IntraState	02/02/2022	10:47			PO	Replacement of existing 0.4ACSR Zebra Conductor of BSR-PGCIL line no. 01 at loc. No. 07-08,06-07,05-06,04-05,03-04,02-03,01-02, 01-Boisar Gantry
GHODBUNDER - MSETCL BOISAR	IntraState	04/02/2022	13:40			T	TRIPPED ON DIST.PROTN.

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

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
TALANDGE - BIDRI	IntraState	07/02/2022	09:24	07/02/2022	16:56	PO	1.Annual Relay Testing work 2. Annual Maintenance work
HALKARNI - TILARI LINE	IntraState	07/02/2022	10:20	07/02/2022	17:55	PO	Diagnostic testing and meggering of CB,CT and QM of the bay.
MALEGAON-SATANA	IntraState	07/02/2022	10:52	07/02/2022	17:40	HT	Load Management
LONAND-BARAMATI	IntraState	07/02/2022	11:23	07/02/2022	16:55	HT	Load Management
NAGOTHANE - POSCO	IntraState	07/02/2022	11:30	07/02/2022	19:09	PO	1) Replacement of damaged insulator Loc.No.38B,13B,11B,DP5,37B,16 B, Cold cleaning of insulators and other line maintenance work
APTA - BOMBAY DYEING	IntraState	08/02/2022	09:52			PO	Diagnostic testing work & Maintenance work at both Apta and Bombay dyeing end
TAMBATI - ADLABS	IntraState	08/02/2022	10:32			PO	CB Pole overhauling work by agency and attending B ph CT oil leakage at 220KV Tambati substation end and attending Y ph CT oil leakage at 220KV Adlab substation

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
220/33 kv 50 MVA BBL PTR 2 @ MUDSHINGI	IntraState	07/02/2022	10:15	07/02/2022	18:47	PO	220KV CB OVERHAULING WORK BY AGENCY
220/33KV 50MVA PTR 2 @ 5 STAR MIDC, KAGAL	IntraState	07/02/2022	10:20	07/02/2022	17:20	PO	for hotspot attending and Transformer HV CB overhauling work,
220/33-22 KV 50 MVA PTR 3 @ NERUL	IntraState	07/02/2022	11:39			PO	T/F No. 3 is shifted on TBC bay. 1) Breaker Overhaling work by M/s Venkatesh Electricals Agency
220/33KV 50MVA PTR 3 @ WATHAR	IntraState	07/02/2022	12:40	07/02/2022	18:33	PO	TF LV Circuit Breaker Overhauling Work.
220/100 KV 100 MVA ICT 1 @ VASAI-II	IntraState	08/02/2022	09:58			PO	For Attending oil leakage by Goodwill agency and commissioning of REC670 relay by testing unit.

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