

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.633	1038.426	1) Gujrat	-6.074	-36.505
2) Hydro	20.356	132.986	2) Madhya Pradesh	10.228	65.344
3) Gas	3.501	24.764	3) Chattisgarh	6.620	45.790
Total MSPGCL	172.490	1196.176	4) Maharashtra	168.630	1169.713
B) 1) APLM	75.039	525.744	5) Goa (Amona)	-1.247	-7.939
2) JSWEL	20.341	137.679	Total	178.157	1236.403
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.584	189.418
4) RPL(AMT)	22.188	172.465	b) Mumbai Drawl	29.499	205.142
5) SWPGPL	6.318	44.180	c) MSEDCL Bilateral *	80.120	940.605
6) Other IPP	40.307	280.534	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.584	189.418
C) 1) TPCL Thermal	12.359	83.748	Include PX	0.000	0.000
2) TPCL Hydro	4.749	28.088	Standby	0.000	0.000
3) TPCL Gas	2.832	3.370	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.557	59.517	1) MSEDCL	496.984	3440.950
D) STATE			2) Mumbai Discoms	57.996	379.868
1) Thermal	333.742	2342.293	3) Other Discoms	8.880	60.849
(A1+C1+C4+(B1-B6))			TOTAL STATE	563.860	3881.667
2) Hydro (A2+C2)	25.105	161.074			
3) Gas (A3+B7+C3)	6.333	28.134			
4) Wind	13.141	57.738			
6) SOLAR	7.382	56.022			
TOTAL STATE	385.703	2645.261			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6333	6060	6276	6218
MSPGCL Hydro	1151	1362	1500	293
MSPGCL Gas	140	139	140	146
MSPGCL Total Generation	7624	7561	7916	6657
Central Sector Receipt	8927	9012	6493	6639
WIND	528	238	639	458
CPP / IPP Thermal	6726	6896	7096	6764
CPP / IPP Gas	0	0	0	0
SOLAR	1036	618	0	0
Exchange with Mumbai	-1350	-1764	-1279	-1005
MSEDCL DEMAND MET	23086	22165	20460	19219
Load Shedding	0	0	0	0
MSEDCL DEMAND	23086	22165	20460	19219
TPCL GENERATION	1096	810	1163	607
AEML GENERATION	501	286	250	285
MUMBAI DEMAND	2947	2860	2692	1897
OTHER DISCOM DEMAND	405	396	405	294
STATE DEMAND MET	26438	25421	23557	21410
STATE DEMAND	26438	25421	23557	21410
Frequency (Hz)	49.96	49.89	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.24 Hz at 1801 Hrs	49.76 Hz at 1644 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/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.30	30.02	195	155
Unit 7	0.00	0.00	0	0
Unit 8	13.51	91.81	587	534
Unit 9	13.83	91.28	605	550
Unit 10	12.12	73.52	540	478
Total	43.76	286.62		
Bhusawal				
Unit 3	3.90	11.85	175	130
Unit 4	8.42	69.89	485	285
Unit 5	0.00	16.69	0	0
Total	12.33	98.43		
Parli				
Unit 6	4.05	25.28	248	142
Unit 7	4.00	28.06	241	130
Unit 8	3.71	18.05	176	142
Total	11.76	71.38		
Chandrapur				
Unit 3	4.41	30.12	187	175
Unit 4	3.98	26.98	177	140
Unit 5	8.60	39.01	380	330
Unit 6	0.00	7.34	0	0
Unit 7	8.48	63.05	400	288
Unit 8	0.00	38.97	0	0
Unit 9	10.64	68.67	458	428
Total	36.11	274.14		
Paras				
Unit 3	5.83	40.35	255	219
Unit 4	5.66	39.50	245	206
Total	11.49	79.85		
Khaparkheda				
Unit 1	3.38	23.50	150	115
Unit 2	3.46	25.34	160	110
Unit 3	4.30	29.52	192	135
Unit 4	3.97	27.40	187	126
Unit 5	10.74	69.24	455	430
Total	25.85	175.01		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.97	28.63	189	123
Unit 5	3.36	24.38	159	118
Total	7.33	53.00		
Uran				
All Units	3.50	24.76	157	139
Total	3.50	24.76		
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)	0.17	1.68	46	0
Total	0.17	1.68		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.76	29.44	425	40
Stage 4	7.18	43.24	905	0
Stage 3	2.58	15.78	240	0
Total	13.51	88.46		
Hydro				
KDPH	0.67	3.26	36	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.20	1.44	80	0
SMLHY_PTN	5.81	37.86	269	226
GHATGHAR	0.00	0.00	0	0
Total	6.67	42.84		
Wind				
Total	13.14	57.74	0	0
Total	13.14	57.74		
CPP				
APML(Mus)	75.04	525.74	0	0
JSWEL(Mus)	20.34	137.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.19	172.46	0	0
SWPGPL-Mus	6.32	44.18	0	0
Other(Mus)	40.31	280.53	0	0
Total	164.19	1160.60		
SOLAR				
Total	7.38	56.02	0	0
Total	7.38	56.02		
Tata				
Trombay 5	8.47	58.03	476	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.68	2.21	115	53
Trombay 7B	1.16	1.16	66	16
TATA Hydro	4.75	28.09	414	0
Trombay 8	3.89	25.72	232	130
Total	19.94	115.21		
AEMIL				
DTPS U-1&2	8.56	59.52	501	250
Total	8.56	59.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.63	1038.43	MSPGCL Total	172.49	1196.18
			MSPGCL Thml+Gas	152.13	1063.19	Koyna 1,2 & 4 Total	10.93	72.68
			MSPGCL Hydro	20.36	132.99	State Total	385.70	2645.26

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Mar/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	6168	322	145	6635	493	6743	0	0	6982	6857	-1149	19246	0	19246	2027	333	21606	49.98
2	6218	293	146	6657	458	6764	0	0	7012	6639	-1005	19219	0	19219	1897	294	21410	50.00
3	6078	359	156	6593	599	6752	0	0	6723	6764	-930	19490	0	19490	1807	288	21585	49.99
4	6223	298	147	6668	604	6685	0	0	6676	6733	-875	19520	0	19520	1737	295	21552	50.04
5	6301	292	147	6740	685	6749	0	0	6994	6905	-860	19913	0	19913	1722	306	21941	50.01
6	6345	325	157	6827	764	6729	0	0	7224	7182	-869	20295	0	20295	1811	338	22444	50.00
7	6351	1042	146	7539	884	6807	0	12	7034	6720	-674	20925	0	20925	1955	363	23243	49.99
8	6385	1287	148	7820	863	6838	0	123	7015	6929	-746	21448	0	21448	2115	379	23942	49.96
9	6268	754	155	7177	930	6813	0	414	7675	7759	-1021	21685	0	21685	2379	387	24451	50.04
10	6305	1030	143	7478	902	6813	0	698	7894	8187	-1226	22454	0	22454	2676	398	25528	50.02
11	6330	1301	142	7773	728	6806	0	940	8429	8493	-1286	23051	0	23051	2871	403	26325	50.00
12	6333	1151	140	7624	528	6726	0	1036	9060	8927	-1350	23086	0	23086	2947	405	26438	49.96
13	6211	544	150	6905	420	6704	0	1121	9543	8812	-1419	22139	0	22139	2875	404	25418	49.98
14	6073	548	139	6760	300	6701	0	1037	9457	9173	-1701	21899	0	21899	2764	371	25034	49.96
15	5986	972	139	7097	248	6791	0	846	9759	9380	-1803	22176	0	22176	2822	383	25381	49.88
16	6060	1362	139	7561	238	6896	0	618	9328	9012	-1764	22165	0	22165	2860	396	25421	49.89
17	6073	1717	141	7931	285	6923	0	402	8161	7729	-1461	21400	0	21400	2820	409	24629	49.93
18	6102	1394	151	7647	341	6977	0	133	6737	6510	-1113	20064	0	20064	2759	431	23254	50.01
19	6306	1319	141	7766	398	7038	0	2	6279	6418	-1010	20190	0	20190	2706	422	23318	50.03
20	6276	1500	140	7916	639	7096	0	0	6298	6493	-1279	20460	0	20460	2692	405	23557	50.03
21	6180	588	145	6913	468	7080	0	0	6657	6511	-1347	19234	0	19234	2584	391	22209	50.00
22	5964	834	154	6952	429	6792	0	0	6693	6655	-1560	18889	0	18889	2465	379	21733	50.01
23	6122	639	145	6906	440	7007	0	0	6578	6535	-1524	19004	0	19004	2385	360	21749	49.99
24	5975	484	145	6604	497	6963	0	0	7145	6835	-1527	19034	0	19034	2320	338	21692	50.01
MUs	148.63	20.36	3.50	172.49	13.14	164.19	0.00	7.38	181.35	178.16	-29.50	496.98	0.00	496.98	58.00	8.88	563.86	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/Mar/2022

Position as on 6.30 Hrs of 08/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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)	
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	
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) U4	300	14/02/2022	16:08		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Uran Unit 6	108	21/02/2022	00:37		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	21/02/2022	21:57		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	21/02/2022	21:57		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	23/02/2022	02:12	07/03/2022	00:18	Gas shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
MSPGCL	Chandrapur Unit 6	500	02/03/2022	00:16		Continued.	turbine bearing no.7 vibration high	
MSPGCL	Bhusawal Unit 5	500	03/03/2022	06:05		Continued.	Flame Failure	
IPP	RPL(AMT) U-5	270	03/03/2022	12:00	07/03/2022	13:30	Bottom Ash problem.	
MSPGCL	Chandrapur Unit 8	500	04/03/2022	12:04		Continued.	SPRR OPERATED (SUDDEN PRESSURE RISE RELAY)	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 4	500	08/03/2022	11:35		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	08/03/2022	23:13		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	08/03/2022	23:29		Continued.	Gas shortage	

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

Statement-VII

Position as on 6.30 Hrs of 08/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Tripping							
TIE BAY (708) of KORADI - 3 CKT - 2 & EKTUNI CKT - 2 @ AKOLA 2	IntraState	07/03/2022	10:21	07/03/2022	15:19	PO	Maintenance of Circuit Breaker.
400 KV MAINBAY Outages/Tripping							
BUS COUPLER @ KORADI	IntraState	04/03/2022	13:37	08/03/2022	20:19	PO	Overhauling of CB Mechanism
MAIN BAY (406) OF PGCIL @ LAMBOTI	IntraState	07/03/2022	10:09			PO	406-52 CB Overhauling.
400 KV LINE Outages/Tripping							
KARAD - SOLAPUR (PG)	InterState	22/02/2022	08:50				Commissioning of 400 kV 80 MVar Kanohar make line shunt reactor with allied equipments under LE scheme
CHANDRAPUR - BHADRAVATI CKT - 4	InterState	07/03/2022	09:27	07/03/2022	18:36	PO	Replacement of BUS 1 Pantograph isolators of PGCIL ckt -1 and PGCIL ckt-2 at GCR
CHANDRAPUR - BHADRAVATI CKT - 3	InterState	08/03/2022	10:08	08/03/2022	22:22	PO	Replacement of BUS 1 Pantograph isolators of PGCIL ckt -1 and PGCIL ckt-2 at GCR
EKTUNI - BABLESHWAR CKT - 1	IntraState	07/03/2022	17:01	07/03/2022	22:30	PO	CT, CB relay testing work & 29D & 29C Isolator repairing work and Line maintenance work
EKTUNI - BABLESHWAR CKT - 1	IntraState	07/03/2022	17:01	07/03/2022	22:30	PO	Replacement of damaged disc insulator, corona ring, damaged nut bolts,
BABHALESHWAR - PADGHE CKT-1	IntraState	08/03/2022	11:21	08/03/2022	11:31	T	Auto successful at Padghe, tripped at BBLR
PARLI - KUMBHARGAON(NANDED) CKT - 2	IntraState	08/03/2022	13:05	08/03/2022	18:01	PO	1) C & tan delta measurement of CTs. 2) Bay maintenance work.
EKTUNI - BABLESHWAR CKT - 2	IntraState	08/03/2022	13:16	08/03/2022	21:30	PO	Replacement of damaged disc insulator, corona ring, damaged nut bolts,
EKTUNI - BABLESHWAR CKT - 2	IntraState	08/03/2022	13:16	08/03/2022	21:30	PO	CT, CB relay testing work & 29D & 29C Isolator repairing work.
400 KV ICT Outages/Tripping							
400/220/33 KV 167 MVA SPARE ICT @ WALUJ	IntraState	07/03/2022	10:42	07/03/2022	17:18	PO	Diagnostic testing work of & Routine Maintenance
400/220/33 KV 500 MVA ICT - 1 @ KOLHAPUR	IntraState	07/03/2022	16:13	07/03/2022	22:33	EO	To attend hot spot
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	08/03/2022	06:01			T	Buccholz Relay Optd.
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	08/03/2022	09:32	08/03/2022	10:00	T	Tripped on Buchholze relay
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	08/03/2022	09:32	08/03/2022	10:00	T	Tripped on Buchholze relay
400 KV BR Outages/Tripping							
125MVar BUS REACTOR @ WARORA	IntraState	08/03/2022	09:46	08/03/2022	14:50	PO	Relay testing work, Routine Maintenance & Diagnostic testing work etc.
220 KV LINE Outages/Tripping							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	25/02/2022	09:18			PO	Project work for Shifting of line on new GIS bay and HV test of new GIS
KHARGHAR - TOPWORTH	IntraState	26/02/2022	10:33			PO	Erection of inline tower at Proposed Khandeshwar GIS, Erection of inline tower and Preparation of Cable End Termination at Proposed Panvel Timber Market

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

Statement-VII

Position as on 6.30 Hrs of 08/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KHARGHAR - TSS PANVEL	IntraState	26/02/2022	11:31			PO	Erection of inline tower at Proposed Khandeshwar GIS, Erection of inline tower and Preparation of Cable End Termination at Proposed Panvel Timber Market
MALEGAON-SATANA	IntraState	08/03/2022	05:02	08/03/2022	09:20	T	Dist Prot.
KALWA - PANCHANAND	IntraState	08/03/2022	10:47	08/03/2022	11:28	HT	fire below lines
APTA - KALWA	IntraState	08/03/2022	10:53	08/03/2022	11:30	HT	fire below lines
VITA - MIRAJ	IntraState	08/03/2022	12:29	08/03/2022	19:53	PO	Replacement of dead end at Loc No.92 Y & B Ph
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.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Differential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/33 KV 50 MVA PTR - 7 @ WATHAR	IntraState	07/03/2022	11:15	07/03/2022	17:44	PO	Q.M. Work
220/100 KV 100MVA NO 4 @ CHINCHWAD	IntraState	07/03/2022	15:55	07/03/2022	17:12	EO	For ICT 4 HV CT R-Phase clamp bus isolator side Hot spot attending work at 220KV Chinchwad1 s/s.
220/22 KV 50 MVA PTR 2 @ MAHAD	IntraState	08/03/2022	16:28	08/03/2022	17:13	PO	LV Bushing Hot spot attending work and LA counter replacement work.
220/33KV 50MVA PTR 2 @ VITA	IntraState	08/03/2022	16:50	08/03/2022	20:07	EO	Attending oil leakages of LC CTs of transformer
110 KV LINE Outages/Trippings							
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