

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.804	744.358	1) Gujrat	-6.059	-25.523
2) Hydro	23.904	97.628	2) Madhya Pradesh	10.458	46.079
3) Gas	3.541	17.746	3) Chattisgarh	6.670	32.540
Total MSPGCL	175.249	859.732	4) Maharashtra	161.305	833.832
B) 1) APML	75.999	375.376	5) Goa (Amona)	-1.170	-5.878
2) JSWEL	19.864	97.194	Total	171.204	881.050
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.453	139.637
4) RPL(AMT)	25.559	124.777	b) Mumbai Drawl	27.815	151.413
5) SWPGPL	6.309	31.582	c) MSEDCL Bilateral *	256.129	771.121
6) Other IPP	40.267	200.360	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.453	139.637
C) 1) TPCL Thermal	13.640	58.205	Include PX	0.000	0.000
2) TPCL Hydro	4.018	20.454	Standby	0.000	0.000
3) TPCL Gas	0.000	0.000	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.885	42.569	1) MSEDCL	494.494	2453.992
D) STATE			2) Mumbai Discoms	54.359	272.643
1) Thermal	338.327	1674.421	3) Other Discoms	8.704	43.606
(A1+C1+C4+(B1-B6))			TOTAL STATE	557.557	2770.241
2) Hydro (A2+C2)	27.922	118.082			
3) Gas (A3+B7+C3)	3.541	17.746			
4) Wind	8.382	37.729			
6) SOLAR	8.180	41.211			
TOTAL STATE	386.352	1889.189			

* 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 23 Hrs
MSPGCL Thermal	6228	6122	6281	6134
MSPGCL Hydro	819	674	1867	919
MSPGCL Gas	140	149	144	146
MSPGCL Total Generation	7187	6945	8292	7199
Central Sector Receipt	8957	8761	6052	6205
WIND	138	127	373	265
CPP / IPP Thermal	6983	6951	7073	6962
CPP / IPP Gas	0	0	0	0
SOLAR	1171	1185	0	0
Exchange with Mumbai	-1311	-1400	-1064	-1289
MSEDCL DEMAND MET	22723	22179	20328	18977
Load Shedding	0	0	0	0
MSEDCL DEMAND	22723	22179	20328	18977
TPCL GENERATION	937	875	1002	591
AEML GENERATION	500	442	500	283
MUMBAI DEMAND	2748	2717	2566	2163
OTHER DISCOM DEMAND	402	390	398	365
STATE DEMAND MET	25873	25286	23292	21505
STATE DEMAND	25873	25286	23292	21505
Frequency (Hz)	50.00	50.00	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.24 Hz at 06.01 Hrs	49.78 Hz at 16.53 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 05/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.06	21.31	191	138
Unit 7	0.00	0.00	0	0
Unit 8	13.35	64.66	587	499
Unit 9	13.53	65.25	582	535
Unit 10	11.64	49.68	510	460
Total	42.59	200.91		
Bhusawal				
Unit 3	3.52	4.13	165	125
Unit 4	11.52	50.56	500	455
Unit 5	0.00	16.69	0	0
Total	15.04	71.38		
Parli				
Unit 6	3.99	17.26	227	145
Unit 7	3.86	20.24	216	144
Unit 8	3.76	10.59	182	143
Total	11.61	48.09		
Chandrapur				
Unit 3	4.37	21.54	187	176
Unit 4	3.75	20.00	176	118
Unit 5	7.43	22.39	320	300
Unit 6	0.00	7.34	0	0
Unit 7	9.60	45.67	430	346
Unit 8	0.00	38.97	0	0
Unit 9	10.35	47.36	451	398
Total	35.50	203.27		
Paras				
Unit 3	5.79	28.77	254	227
Unit 4	5.76	28.29	249	225
Total	11.56	57.07		
Khaparkheda				
Unit 1	3.13	16.68	160	115
Unit 2	3.76	18.36	160	155
Unit 3	4.10	20.77	190	156
Unit 4	4.19	19.96	185	155
Unit 5	8.42	49.87	440	275
Total	23.61	125.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.32	20.47	195	134
Unit 5	3.58	17.54	166	125
Total	7.91	38.01		
Uran				
All Units	3.54	17.75	159	139
Total	3.54	17.75		
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)	0.33	1.18	37	0
Total	0.33	1.18		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.54	21.72	400	35
Stage 4	9.82	32.75	1006	0
Stage 3	3.16	11.76	240	0
Total	17.52	66.23		
Hydro				
KDPH	0.43	2.16	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.20	1.04	80	0
SMLHY_PTN	5.42	26.72	237	212
GHATGHAR	0.00	0.00	0	0
Total	6.05	30.21		
Wind				
Total	8.38	37.73	0	0
Total	8.38	37.73		
CPP				
APML(Mus)	76.00	375.38	0	0
JSWEL(Mus)	19.86	97.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.56	124.78	0	0
SWPGPL-Mus	6.31	31.58	0	0
Other(Mus)	40.27	200.36	0	0
Total	168.00	829.29		
SOLAR				
Total	8.18	41.21	0	0
Total	8.18	41.21		
Tata				
Trombay 5	9.42	40.23	464	350
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
TATA Hydro	4.02	20.45	412	2
Trombay 8	4.22	17.98	234	131
Total	17.66	78.66		
AEML				
DTPS U-1&2	8.88	42.57	501	281
Total	8.88	42.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.80	744.36	MSPGCL Total	175.25	859.73
			MSPGCL Thml+Gas	151.34	762.10	Koyna 1,2 & 4 Total	14.36	54.47
			MSPGCL Hydro	23.90	97.63	State Total	386.35	1889.19

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6161	475	146	6782	282	7001	0	0	6510	6669	-1162	19240	0	19240	1973	332	21545	49.99
2	6079	442	157	6678	489	6879	0	0	6849	6884	-1052	19578	0	19578	1853	300	21731	50.00
3	6187	295	148	6630	679	6989	0	0	6943	6624	-963	19695	0	19695	1750	264	21709	50.00
4	6060	290	157	6507	745	6886	0	0	6980	6639	-921	19583	0	19583	1692	273	21548	49.98
5	6128	362	148	6638	690	6980	0	0	6698	6430	-906	19542	0	19542	1676	290	21508	49.97
6	6185	979	148	7312	755	7014	0	0	6655	6721	-949	20532	0	20532	1767	321	22620	50.00
7	6201	1449	159	7809	636	7042	0	6	6286	6382	-624	20907	0	20907	1875	344	23126	50.00
8	6219	1801	149	8169	483	7093	0	139	6534	6694	-665	21539	0	21539	1993	374	23906	50.01
9	6220	1159	146	7525	261	7064	0	451	7200	7518	-969	21469	0	21469	2187	381	24037	50.04
10	6323	1208	154	7685	277	7089	0	771	7571	7780	-1211	22017	0	22017	2448	374	24839	50.01
11	6284	1038	142	7464	248	7056	0	1021	8332	8376	-1297	22472	0	22472	2665	396	25533	50.02
12	6228	819	140	7187	138	6983	0	1171	8794	8957	-1311	22723	0	22723	2748	402	25873	50.00
13	6122	674	149	6945	127	6951	0	1185	8773	8761	-1400	22179	0	22179	2717	390	25286	50.00
14	6072	425	140	6637	97	6936	0	1115	8893	9101	-1535	21973	0	21973	2571	378	24922	50.00
15	6031	489	139	6659	88	6939	0	969	9210	9164	-1560	21884	0	21884	2595	375	24854	49.99
16	6094	832	139	7065	90	6941	0	716	9052	8861	-1557	21718	0	21718	2603	398	24719	49.97
17	5999	1632	140	7771	97	6980	0	460	7404	7169	-1426	20652	0	20652	2584	399	23635	49.91
18	5999	1763	151	7913	259	7033	0	165	6490	6198	-1137	20028	0	20028	2557	403	22988	49.92
19	6231	1554	143	7928	346	7050	0	11	6058	5943	-1038	19829	0	19829	2559	411	22799	49.97
20	6281	1867	144	8292	373	7073	0	0	6067	6052	-1064	20328	0	20328	2566	398	23292	49.95
21	6201	1386	154	7741	346	7092	0	0	5804	5856	-1154	19486	0	19486	2438	395	22319	49.99
22	6205	1056	146	7407	314	6990	0	0	6011	6074	-1387	19004	0	19004	2300	394	21698	50.02
23	6134	919	146	7199	265	6962	0	0	6059	6205	-1289	18977	0	18977	2163	365	21505	49.95
24	6160	990	156	7306	297	6975	0	0	6326	6146	-1238	19139	0	19139	2078	347	21564	49.99
MUs	147.80	23.90	3.54	175.25	8.38	168.00	0.00	8.18	171.50	171.20	-27.81	494.49	0.00	494.49	54.36	8.70	557.56	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 05/Mar/2022

Position as on 6.30 Hrs of 06/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	Koyna Unit 5	80	20/12/2021	08:40	06/03/2022	17:20	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 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	
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-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Ghatghar Unit-2	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 5	108	21/02/2022	21:57		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	21/02/2022	21:57		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	23/02/2022	02:12		Continued.	Gas shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
TPC-G	Trombay 7A	120	27/02/2022	16:38	06/03/2022	19:01	Gas shortage	
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		Continued.	Bottom Ash problem.	
MSPGCL	Chandrapur Unit 8	500	04/03/2022	12:04		Continued.	SPRR OPERATED (SUDDEN PRESSURE RISE RELAY)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 06/Mar/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	05/03/2022	23:03	05/03/2022	02:39	EO	Attend hot spot pole-2 base filter Z21-Z1 Y-PH
400 KV TIEBAY Outages/Trippings							
TIE BAY - 403 OF 400/220/33 KV 500MVA ICT - 1 @ KHAPARKHEDA	IntraState	03/03/2022	10:50			EO	Replacement of Female Contact of R Ph 89 A Bus Isolator of 400/220/33 kV 500 MVA ICT 1 Tie Bay 403 by Hotline Unit Nagpur
400 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KORADI	IntraState	04/03/2022	13:37			PO	Overhauling of CB Mechanism
400 KV LINE Outages/Trippings							
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
DHULE - SSNNL CKT - 1	InterState	06/03/2022	10:28	06/03/2022	19:14	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work.400kV SSNNL Ckt-2 A/R switch will be kept on non auto mode.
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 2 @ NANDED	IntraState	05/03/2022	11:38	05/03/2022	15:03	PO	ERECTION WORK OF NEW 220 KV ISOLATORS FOR 220KV KUMBHARGAON-KRUNDA CKT-1 & CKT-2
220 KV LINE Outages/Trippings							
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
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
PEDHAMBE ONI LINE	IntraState	05/03/2022	09:18	05/03/2022	17:10	PO	For chemical washing of line insulators
GHODBUNDER - GORAI	IntraState	05/03/2022	16:16	05/03/2022	16:21	T	A/R succesful at Ghodbunder. Tripping at Gorai end.
MALEGAON-SATANA	IntraState	06/03/2022	03:33			HT	For Load Management at Dhule
MAIN BUS- B @ BAPGAON	IntraState	06/03/2022	10:00	06/03/2022	23:50	EO	Emergency Outage on 220KV 2 Bus-B2 for B phase PT Oil Leakage attending work & shifting of 220Kv Ghatghar Bapgaon Line on TBC Bay for 2 Bus Isolator maintenance work in opportunity.
TROMBAY MSETCL TIE - 1	IntraState	06/03/2022	17:56	06/03/2022	22:25	EO	for replacement of C phase LA due to abnormal value found during LCM.
220 KV ICT Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/33KV 50MVA T/F-I @ BRIDGESTONE	IntraState	05/03/2022	07:53	05/03/2022	09:46	T	Differential Protection
220/132KV 200MVA ICT 5 @ EKLAHARE (OCR)	IntraState	05/03/2022	10:50	05/03/2022	13:39	PO	Diagnostic testing work
220/33KV 50MVA T/F-I @ BRIDGESTONE	IntraState	05/03/2022	11:06	05/03/2022	15:21	HT	sparking observed at R phase LV side and Y phase LV side one cable OD kit
220/33KV 125 MVA TF 1 @ GORAI	IntraState	05/03/2022	16:27	06/03/2022	02:16	T	Fault in 33 kV cable.
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 shifting 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 shifting these lines on new Multicircuit Towers between Darave to Vashi.

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