

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	177.087	874.367	1) Gujrat	3.242	21.506
2) Hydro	6.400	51.614	2) Madhya Pradesh	4.393	16.703
3) Gas	2.231	23.516	3) Chattisgarh	3.640	18.390
Total MSPGCL	185.718	949.497	4) Maharashtra	171.562	840.309
B) 1) APLM	62.554	324.849	5) Goa (Amona)	-1.813	-5.187
2) JSWEL	25.527	130.043	Total	181.024	891.721
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.774	139.912
4) RPL(AMT)	31.152	155.942	b) Mumbai Drawl	35.406	185.599
5) SWPGPL	10.741	49.742	c) MSEDCL Bilateral *	90.880	438.939
6) Other IPP	44.157	225.798	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.774	139.912
C) 1) TPCL Thermal	9.809	57.982	Include PX	0.000	0.000
2) TPCL Hydro	1.515	14.420	Standby	0.000	0.000
3) TPCL Gas	2.311	13.247	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.257	57.614	1) MSEDCL	519.485	2619.392
D) STATE			2) Mumbai Discoms	60.298	328.862
1) Thermal	372.284	1876.337	3) Other Discoms	9.761	50.383
(A1+C1+C4+(B1-B6))			TOTAL STATE	589.544	2998.637
2) Hydro (A2+C2)	7.915	66.034			
3) Gas (A3+B7+C3)	4.542	36.763			
4) Wind	10.916	59.930			
6) SOLAR	12.863	67.852			
TOTAL STATE	408.520	2106.916			

* 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	7296	7228	7601	7268
MSPGCL Hydro	351	230	402	219
MSPGCL Gas	84	84	93	95
MSPGCL Total Generation	7731	7542	8096	7582
Central Sector Receipt	9278	8998	7172	6500
WIND	176	217	446	382
CPP / IPP Thermal	7232	7144	7404	7236
CPP / IPP Gas	0	0	0	0
SOLAR	1796	1920	0	0
Exchange with Mumbai	-1695	-1751	-1445	-1425
MSEDCL DEMAND MET	24086	23628	21236	19859
Load Shedding	0	0	0	0
MSEDCL DEMAND	24086	23628	21236	19859
TPCL GENERATION	509	512	620	635
AEML GENERATION	462	343	497	497
MUMBAI DEMAND	2666	2606	2562	2557
OTHER DISCOM DEMAND	432	442	437	416
STATE DEMAND MET	27184	26676	24235	22832
STATE DEMAND	27184	26676	24235	22832
Frequency (Hz)	50.02	50.01	50.00	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 06:02 Hrs	49.79 Hz at 22:07 Hrs	50.01	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/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.90	24.30	210	185
Unit 8	12.94	71.40	547	525
Unit 9	14.18	69.70	615	537
Unit 10	12.45	64.46	540	454
Total	44.48	229.85		
Bhusawal				
Unit 3	3.42	17.45	165	115
Unit 4	11.14	50.78	500	395
Unit 5	11.77	55.36	500	460
Total	26.34	123.58		
Parli				
Unit 6	5.24	24.08	250	155
Unit 7	4.95	24.56	238	144
Unit 8	3.46	16.92	162	126
Total	13.66	65.56		
Chandrapur				
Unit 3	3.98	18.95	175	145
Unit 4	3.38	16.54	152	122
Unit 5	0.00	0.00	0	0
Unit 6	9.37	46.04	410	310
Unit 7	8.75	42.11	419	200
Unit 8	11.92	59.14	500	489
Unit 9	11.87	58.04	500	480
Total	49.27	240.82		
Paras				
Unit 3	4.95	24.90	224	186
Unit 4	5.37	27.48	233	204
Total	10.32	52.38		
Khaparkheda				
Unit 1	3.00	14.78	140	100
Unit 2	2.99	15.82	148	108
Unit 3	4.25	20.38	181	158
Unit 4	4.39	20.16	190	155
Unit 5	10.98	54.31	485	420
Total	25.60	125.46		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.73	18.48	172	116
Unit 5	3.70	18.23	173	115
Total	7.43	36.71		
Uran				
All Units	2.23	23.52	99	84
Total	2.23	23.52		
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)	0.10	0.83	33	0
Total	0.10	0.83		
Koyna				
Stage 1-2	2.03	13.08	340	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.06	12.18	36	0
Stage 3	0.34	5.17	134	0
Total	2.43	30.44		
Hydro				
KDPH	0.86	3.87	36	36
VTRNA	0.97	4.91	61	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.12	0.78	40	0
SMLHY_PTN	1.90	10.50	85	72
GHATGHAR	0.00	0.00	0	0
Total	3.86	20.35		
Wind				
Total	10.92	59.93	0	0
Total	10.92	59.93		
CPP				
APML(Mus)	62.55	324.85	0	0
JSWEL(Mus)	25.53	130.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.15	155.94	0	0
SWPGPL-Mus	10.74	49.74	0	0
Dhariwal	6.16	31.34	271	234
IEPL	5.16	28.54	259	196
Other(Mus)	32.84	165.92	0	0
Total	174.13	886.37		
SOLAR				
Total	12.86	67.85	0	0
Total	12.86	67.85		
Tata				
Trombay 5	6.61	37.87	370	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.24	8.13	54	49
Trombay 7B	1.07	5.12	46	42
TATA Hydro	1.52	14.42	150	8
Trombay 8	3.20	20.11	137	132
Total	13.64	85.65		
AEML				
DTPS U-1&2	11.26	57.61	500	333
Total	11.26	57.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	177.09	874.37	MSPGCL Total	185.72	949.50
			MSPGCL Thml+Gas	179.32	897.88	Koyna 1,2 & 4 Total	2.09	25.26
			MSPGCL Hydro	6.40	51.61	State Total	408.52	2106.92

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Mar/2023

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	7427	300	96	7823	406	7505	0	0	6728	6964	-1533	20787	0	20787	2670	378	23835	50.01
2	7427	244	95	7766	539	7344	0	0	6992	7111	-1454	20946	0	20946	2511	360	23817	49.99
3	7417	161	97	7675	605	7179	0	0	7357	7078	-1380	20820	0	20820	2393	337	23550	50.02
4	7369	158	97	7624	725	7149	0	0	7225	7047	-1292	20928	0	20928	2296	325	23549	50.02
5	7489	160	97	7746	814	7319	0	0	6917	6907	-1238	21220	0	21220	2251	328	23799	50.00
6	7542	165	97	7804	875	7354	0	0	7093	7071	-1284	21457	0	21457	2353	363	24173	50.03
7	7342	189	98	7629	815	7332	0	9	7366	7337	-1305	21419	0	21419	2377	398	24194	50.07
8	7468	377	99	7944	738	7426	0	203	7154	7353	-1328	21927	0	21927	2380	409	24716	50.03
9	7349	344	97	7790	509	7306	0	657	7468	7581	-1450	21971	0	21971	2504	422	24897	50.06
10	7407	491	93	7991	344	7407	0	1137	7685	8047	-1627	22878	0	22878	2644	421	25943	50.02
11	7390	519	91	8000	244	7300	0	1628	8502	8618	-1703	23654	0	23654	2704	433	26791	50.03
12	7296	351	84	7731	176	7232	0	1796	9246	9278	-1695	24086	0	24086	2666	432	27184	50.02
13	7228	230	84	7542	217	7144	0	1920	9143	8998	-1751	23628	0	23628	2606	442	26676	50.01
14	7019	214	88	7321	170	7042	0	1817	9050	8713	-1699	22920	0	22920	2536	444	25900	50.04
15	6982	220	87	7289	201	7015	0	1611	8967	8817	-1680	22825	0	22825	2546	428	25799	49.98
16	7330	269	86	7685	202	7043	0	1225	8649	8693	-1583	22831	0	22831	2564	434	25829	49.97
17	7515	217	88	7820	249	7069	0	653	8200	8130	-1476	22016	0	22016	2513	429	24958	49.98
18	7539	219	89	7847	423	7228	0	200	7697	7515	-1386	21389	0	21389	2473	438	24300	50.00
19	7612	302	94	8008	455	7314	0	7	7137	6947	-1461	20820	0	20820	2498	450	23768	49.99
20	7601	402	93	8096	446	7404	0	0	6998	7172	-1445	21236	0	21236	2562	437	24235	50.00
21	7478	216	94	7788	514	7296	0	0	6837	6363	-1435	20117	0	20117	2553	409	23079	50.02
22	7199	214	95	7508	500	7154	0	0	6663	6424	-1442	19720	0	19720	2557	424	22701	50.02
23	7268	219	95	7582	382	7236	0	0	6590	6500	-1425	19859	0	19859	2557	416	22832	49.94
24	7393	219	97	7709	367	7333	0	0	6259	6360	-1334	20031	0	20031	2584	404	23019	49.97
MUs	177.09	6.40	2.23	185.72	10.92	174.13	0.00	12.86	181.92	181.02	-35.41	519.49	0.00	519.49	60.30	9.76	589.54	50.01

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/2023

Position as on 6.30 Hrs of 06/Mar/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 5	500	12/02/2023	00:05	06/03/2023	08:04	Boiler validity work	06/03/2023
FORCED OUTAGE								
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	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	07/04/2023
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)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	31/07/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	30/05/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
MSPGCL	Nasik Unit 3	210	25/02/2023	12:00		Continued.	boiler tube leakage (under tooling from dtd-27.2.2023 @ 16:00 hrs	
IPP	Adani U-4	660	02/03/2023	00:00	06/03/2023	08:18	APH-A Hot PA bellow leakage	06/03/2023
MSPGCL	Uran Unit 8	108	04/03/2023	23:58		Continued.	Maintenance work	06/03/2023
MSPGCL	Uran Unit B0	120	04/03/2023	23:58		Continued.	Maintenance work	06/03/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2023

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							
LONIKAND I - TALEGAON (PGCIL)	InterState	05/03/2023	18:45	06/03/2023	01:04	PO	Bay ISO Copper contact cleaning work and Relay Testing Works.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	20/02/2023	15:36			HT	HAND TRIPPED FOR LOAD MANAGEMENT
BABHALESHWAR - PADGHE CKT-1	IntraState	05/03/2023	09:29	05/03/2023	17:14	PO	Chemical Cleaning of Insulator string and Routine Line maintenance work
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220/33 KV 500MVA ICT - 1 @ DEEPNAGAR	IntraState	04/03/2023	23:56	05/03/2023	08:21	T	Tripped on NDR optd.
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	05/03/2023	06:16	05/03/2023	12:25	PO	Diagnostic SFRA & DFR testing work,leakage attending work from HV side B ph turrets Bushing.
400/220/33 KV 315MVA ICT - 2 @ AKOLA	IntraState	05/03/2023	07:57	05/03/2023	19:57	PO	1. The erection work 220kv D-type tower. 2. Tan delta of LV CT & routine maintenance work
220 KV MAINBAY Outages/Trippings							
MAIN BUS - 2 @ NEW KOYNA	IntraState	02/03/2023	11:55	05/03/2023	10:59	PO	A) Bus isolator Routine maint. Works following bay will be transfer on A Bus by TBC Shifting 1) 220KV side ICT-I 2)220KV Pedhambe 3)220KV Niwali 4) 220KV side 25 MVA T/F-II B) Jumper works for ICT-3 New Bay
BUS COUPLER @ KHARGHAR	IntraState	05/03/2023	08:32	05/03/2023	15:59	PO	For Bay strengthening Work & Routine Maintenance Work
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	06/03/2023	03:25	06/03/2023	13:04	T	Tripped On Distance Protection.
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
BOISAR - VERSOVA	IntraState	13/02/2023	15:28			PO	1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHSRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
DAHANU - VERSOVA	IntraState	13/02/2023	15:34			PO	Project activity 1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHSRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
KALWA - PANCHANAND	IntraState	01/03/2023	22:12	05/03/2023	02:43	PO	For erection of Termination kit on newly erected 2 nos. of newly erected CTT Monopole in between Loc no. 686 - 687.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
APTA - KALWA	IntraState	02/03/2023	21:01			EO	Shifting of Kalwa-Apta line from TBC to own CB at Kalwa end. 220kV Kalwa Panchanand Line (under outage) differential relay will be tested by testing team in co-ordination with 220kV TBC. 220KV Kalwa-Panchanand line will be shifted on TBC after outage of Project Dn.
EKLAHARE (GCR) - GHATGHAR	IntraState	05/03/2023	01:53	05/03/2023	02:25	T	Tripped on Dist. Protection at Ghatghar end only.
DAHANU - GHODBUNDER CKT - 2	IntraState	05/03/2023	05:02	05/03/2023	10:07	PO	Debunching of lines on tower - LS 98, 101, 111, 258 & SS 261. Post debunching - Line will be reconfigured as earlier i.e. 220 kV Dahanu - Ghodbunder line 02.
KOLSHET - KHARBAO	IntraState	05/03/2023	07:44	05/03/2023	17:02	PO	Shifting of line from ERS system to newly erected towers between loc no 113 to 116.
BOMBAY DYEING - SAHARA	IntraState	05/03/2023	08:28	05/03/2023	18:20	EO	Emergency Bulging of conductor to be attended by replacement of dead end and Tee, palms at location nos 122 and 125.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	05/03/2023	08:39	06/03/2023	00:21	HT	For load management
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
DAHANU - GHODBUNDER CKT - 1	IntraState	05/03/2023	10:48	05/03/2023	13:21	PO	Debunching of lines on tower - LS 98, 101 & SS 82. Post debunching - Line will be reconfigured as earlier i.e.220kV Dahanu - Ghodbunder line 01.
KANDALGAON - KOYNA (POPHALI)	IntraState	05/03/2023	12:04	05/03/2023	20:47	PO	For replacement of bus side jump of B ph WT and Y ph line side jump at Gantry , replacement of Y ph damaged conductor of Gantry to 1 st tower , replacement of bolted T to press T at of B and Y ph LA.
BOISAR - VERSOVA	IntraState	05/03/2023	14:24	05/03/2023	19:37	PO	Debunching of lines on tower - LS 98, 101 and SS 82,Post Debunching - Line will be reconfigured as earlier i.e. 220kV Dahanu- AEML Versova Line and 220KV MSETCL Boisar- AEML Versova Line.
DAHANU - VERSOVA	IntraState	05/03/2023	14:24	05/03/2023	18:59	PO	Debunching of lines on tower - LS 98, 101 & SS 82 Post debunching - Line will be reconfigured as earlier i.e. 220 kV Dahanu - Versova line & 220 kV Boisar - Versova Line.
KANDALGAON - SONA ALLOYS	IntraState	05/03/2023	16:53	05/03/2023	21:48	PO	Jumper nut bolt tightening work, Outage tree cutting work and other line maintenance work.
PADGHE - NALASOPARA	IntraState	06/03/2023	03:25	06/03/2023	04:43	T	Tripped on Backup Protection at Padghe and Vasai Ss.
SADAWAGHAPUR KARAD CKT 1	IntraState	06/03/2023	08:59			PO	Cold washing of insulator
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	06/03/2023	09:34			HT	For load management
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	06/03/2023	10:43			PO	Annual Diagnostic Testing Work
ALEPHATA-PARGAON(KATHAPUR)	IntraState	06/03/2023	10:55			HT	For load management
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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2023

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 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/03/2023	11:09			EO	Replacement of Diverter shaft
220/132KV 100MVA ICT 1 @ CHAKAN PHASE II	IntraState	02/03/2023	03:31			PO	Repairing of OLTC selector switch mechanism situated inside main tank of ICT.
220/132-110KV 100MVA PTR 2 @ WATHAR	IntraState	06/03/2023	10:32			PO	for inspection of nitrogen injection fire protction system (sergi make)
110 KV LINE Outages/Trippings							
DHARAVI VIKHROLI	IntraState	10/02/2023	23:17			PO	for 400KV Project work of KVPTL
DHARAVI POWAI	IntraState	10/02/2023	23:35			PO	For 400KV project work on KVPTL
100 KV LINE Outages/Trippings							
SHAHAPUR - BHATSA	InstraState	05/03/2023	14:24			PO	1. Restoration of the line from ERS system to newly erected tower between Pillar No.10-1 1.of 100KV Bhatsa-Shahapur @Ch.No.667 +197 2) Shifting of the line to ERS system on 100KV Bhatsa - Salambe (Phutali) between Pillar No. 19-20.LILO line @ Ch.No 667+298.

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