

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.667	119.667	1) Gujrat	-5.374	-5.374
2) Hydro	9.093	9.093	2) Madhya Pradesh	9.464	9.464
3) Gas	6.365	6.365	3) Chattisgarh	6.690	6.690
Total MSPGCL	135.125	135.125	4) Maharashtra	178.009	178.009
B) 1) APLM	32.405	32.405	5) Goa (Amona)	-1.151	-1.151
2) JSWEL	19.188	19.188	Total	187.638	187.638
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.607	33.607
4) RPL(AMT)	27.192	27.192	b) Mumbai Drawl	36.290	36.290
5) SWPGPL	8.860	8.860	c) MSEDCL Bilateral *	86.361	86.361
6) Other IPP	15.831	15.831	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.607	33.607
C) 1) TPCL Thermal	10.398	10.398	Include PX	0.000	0.000
2) TPCL Hydro	1.349	1.349	Standby	0.000	0.000
3) TPCL Gas	2.941	2.941	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.956	7.956	1) MSEDCL	407.013	407.013
D) STATE			2) Mumbai Discoms	58.934	58.934
1) Thermal	241.497	241.497	3) Other Discoms	10.008	10.008
(A1+C1+C4+(B1-B6))			TOTAL STATE	475.955	475.955
2) Hydro (A2+C2)	10.442	10.442			
3) Gas (A3+B7+C3)	9.306	9.306			
4) Wind	12.497	12.497			
6) SOLAR	14.575	14.575			
TOTAL STATE	288.317	288.317			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4899	3850	5339	5803
MSPGCL Hydro	491	138	851	281
MSPGCL Gas	281	229	272	284
MSPGCL Total Generation	5671	4217	6462	6368
Central Sector Receipt	7654	8319	7483	7789
WIND	97	314	1047	277
CPP / IPP Thermal	4256	3866	4589	4393
CPP / IPP Gas	0	0	0	0
SOLAR	1044	1813	0	0
Exchange with Mumbai	-1431	-1758	-1507	-1142
MSEDCL DEMAND MET	16870	16326	17618	17371
Load Shedding	0	0	0	0
MSEDCL DEMAND	16870	16326	17618	17371
TPCL GENERATION	515	516	656	750
AEML GENERATION	320	298	458	327
MUMBAI DEMAND	2266	2572	2621	2219
OTHER DISCOM DEMAND	421	445	456	314
STATE DEMAND MET	19557	19343	20695	19904
STATE DEMAND	19557	19343	20695	19904
Frequency (Hz)	49.96	50.03	50.02	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.29 Hz at 13:29 Hrs	49.65 Hz at 16:50 Hrs	49.97	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 01/May/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	3.86	185	120
Unit 8	0.00	0.00	0	0
Unit 9	12.66	12.66	590	451
Unit 10	0.00	0.00	0	0
Total	16.53	16.53		
Bhusawal				
Unit 3	3.34	3.34	160	110
Unit 4	0.06	0.06	55	0
Unit 5	9.87	9.87	500	275
Total	13.26	13.26		
Parli				
Unit 6	4.52	4.52	248	145
Unit 7	4.42	4.42	245	144
Unit 8	4.24	4.24	224	140
Total	13.18	13.18		
Chandrapur				
Unit 3	3.44	3.44	170	123
Unit 4	3.55	3.55	167	125
Unit 5	3.16	3.16	403	0
Unit 6	8.51	8.51	415	290
Unit 7	8.44	8.44	427	292
Unit 8	9.93	9.93	474	269
Unit 9	10.27	10.27	495	294
Total	47.30	47.30		
Paras				
Unit 3	4.24	4.24	208	138
Unit 4	4.24	4.24	209	135
Total	8.47	8.47		
Khaparkheda				
Unit 1	2.94	2.94	135	110
Unit 2	3.05	3.05	142	112
Unit 3	3.82	3.82	183	130
Unit 4	3.75	3.75	181	129
Unit 5	0.00	0.00	0	0
Total	13.57	13.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.77	3.77	177	122
Unit 5	3.59	3.59	171	110
Total	7.36	7.36		
Uran				
All Units	6.36	6.36	284	229
Total	6.36	6.36		
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)	0.00	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	3.58	3.58	520	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.56	0.56	186	0
Stage 3	0.97	0.97	160	0
Total	5.12	5.12		
Hydro				
KDPH	0.76	0.76	32	30
VTRNA	1.18	1.18	60	0
TILLARI	0.23	0.23	58	0
BHIRA T.R.	0.07	0.07	40	0
SMLHY_PTN	1.73	1.73	85	65
GHATGHAR	0.00	0.00	0	0
Total	3.97	3.97		
Wind				
Total	12.50	12.50	0	0
Total	12.50	12.50		
CPP				
APML(Mus)	32.40	32.40	0	0
JSWEL(Mus)	19.19	19.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.19	27.19	0	0
SWPGPL-Mus	8.86	8.86	0	0
Dhariwal	5.24	5.24	257	187
IEPL	4.39	4.39	198	149
Other(Mus)	6.20	6.20	0	0
Total	103.48	103.48		
SOLAR				
Total	14.58	14.58	0	0
Total	14.58	14.58		
Tata				
Trombay 5	6.81	6.81	397	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.74	1.74	107	44
Trombay 7B	1.20	1.20	64	38
TATA Hydro	1.35	1.35	140	9
Trombay 8	3.59	3.59	239	127
Total	14.69	14.69		
AEML				
DTPS U-1&2	7.96	7.96	458	284
Total	7.96	7.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.67	119.67	MSPGCL Total	135.12	135.12
			MSPGCL Thml+Gas	126.03	126.03	Koyna 1,2 & 4 Total	4.14	4.14
			MSPGCL Hydro	9.09	9.09	State Total	288.32	288.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/May/2023

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	Transmission Constraint					
1	5887	196	282	6365	544	4725	0	0	8146	8014	-1512	17754	0	25	17754	2630	382	20766	49.95
2	5847	197	284	6328	524	4803	0	0	8138	7588	-1257	17636	0	23	17636	2490	350	20476	49.93
3	5629	318	284	6231	430	4271	0	0	7959	7933	-1138	17402	0	20	17402	2336	325	20063	49.89
4	5803	281	284	6368	277	4393	0	0	7607	7789	-1142	17371	0	10	17371	2219	314	19904	49.92
5	5823	347	284	6454	222	4865	0	0	7576	7796	-1217	17790	0	0	17790	2159	330	20279	49.90
6	5855	473	284	6612	130	5152	0	1	7833	7935	-1254	18201	0	0	18201	2186	375	20762	49.94
7	5851	671	282	6804	146	5115	0	106	7956	7718	-1316	18154	0	0	18154	2174	419	20747	49.98
8	5748	461	284	6493	101	4721	0	519	7666	7368	-1358	17420	0	0	17420	2198	424	20042	49.99
9	4899	491	281	5671	97	4256	0	1044	7635	7654	-1431	16870	0	0	16870	2266	421	19557	49.96
10	4526	278	264	5068	89	4074	0	1544	8086	7670	-1554	16461	0	0	16461	2391	430	19282	50.05
11	3920	277	247	4444	108	3947	0	1865	8503	8265	-1699	16477	0	0	16477	2508	453	19438	50.02
12	3872	204	233	4309	180	3678	0	1897	8545	8530	-1754	16395	0	0	16395	2579	445	19419	49.97
13	3850	138	229	4217	314	3866	0	1813	8373	8319	-1758	16326	0	0	16326	2572	445	19343	50.03
14	3836	139	233	4208	503	3738	0	1714	8157	8103	-1725	16092	0	0	16092	2520	449	19061	50.14
15	3837	144	237	4218	679	3597	0	1615	8436	8321	-1726	16277	0	0	16277	2519	427	19223	49.97
16	4241	142	243	4626	754	3851	0	1269	8221	7742	-1768	16030	0	0	16030	2568	444	19042	49.89
17	4318	241	242	4801	921	3781	0	815	7753	7599	-1724	15734	0	0	15734	2541	459	18734	49.87
18	4412	621	251	5284	989	3836	0	335	7132	7419	-1647	15758	0	0	15758	2493	458	18709	49.94
19	5107	706	265	6078	1120	3998	0	38	6893	7179	-1599	16341	0	0	16341	2501	473	19315	50.05
20	5339	851	272	6462	1047	4589	0	0	7249	7483	-1507	17618	0	0	17618	2621	456	20695	50.02
21	5313	248	274	5835	1021	4744	0	0	7726	7553	-1526	17184	0	0	17184	2611	443	20238	50.03
22	5033	357	273	5663	832	4155	0	0	7783	7963	-1508	16655	0	0	16655	2603	450	19708	49.98
23	5292	825	276	6393	795	4488	0	0	7522	7813	-1579	17495	0	0	17495	2596	415	20506	49.96
24	5429	487	277	6193	674	4833	0	0	7917	7884	-1591	17574	0	0	17574	2653	419	20646	49.99
MUs	119.67	9.09	6.36	135.13	12.50	103.48	0.00	14.57	188.81	187.64	-36.29	407.01	0.00	0.08	407.01	58.93	10.01	475.95	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

1)Due to overloading of 220Kv Jejuri-Lonand line.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/May/2023

Position as on 6.30 Hrs of 02/May/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-3	660	27/04/2023	22:35		Continued.	ZERO SCHEDULE	
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.	01/04/2024
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.	01/05/2024
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.	Material replacement work.	01/03/2024
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	01/06/2023
MSPGCL	Nasik Unit 3	210	17/04/2023	21:27		Continued.	Boiler Tube Leakage	20/05/2023
MSPGCL	Uran Unit 6	108	20/04/2023	19:15		Continued.	No Schedule.	
MSPGCL	Koradi Unit 8	660	28/04/2023	01:51		Continued.	Boiler Tube Leakage	03/05/2023
MSPGCL	Koradi Unit-10	660	28/04/2023	17:02		Continued.	Boiler Tube Leakage	03/05/2023
IPP	Adani U-2	660	29/04/2023	08:21		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 5	500	29/04/2023	08:48		Continued.	Boiler Tube Leakage	02/05/2023
MSPGCL	Bhusawal Unit 4	500	29/04/2023	18:22	01/05/2023	23:06	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	01/05/2023	08:13		Continued.	Boiler Tube Leakage	04/05/2023
IPP	JSW (J) U4	300	01/05/2023	09:29		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/05/2023	15:30		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 4	210	02/05/2023	05:17		Continued.	Boiler Tube Leakage	06/05/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2023

Statement-VII

Position as on 6.30 Hrs of 02/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LR Outages/Trippings							
Pole-2 Non base AC filter Z3 (120 MVAR) @ Chandrapur HVDC	IntraState	01/05/2023	13:20			EO	To attend the Level 2 Unbalance Protection Alarm
400 KV TIEBAY Outages/Trippings							
TIE BAY (417) OF ICT-1 & FUTURE BAY @ TAPTITANDA	IntraState	01/05/2023	09:09	01/05/2023	10:39	PO	Compressor wheel alignment work of both compressors R and Y Phases
400 KV LR Outages/Trippings							
400KV CHANDRAPUR 1-CHANDRAUR 2 CKT 1(CHPR1 END)	IntraState	01/05/2023	12:22	01/05/2023	16:37	EO	On dt.- 29.04.2023, during shifting of 400KV GCR CHD-CHD-2 CKT-1 from TBC-1 bay to its own CB. Y & B-ph PG Isolator are giving trouble during closing operation. It is very necessary to attend the same on top priority. Images of Isolator are attached herewith.
400 KV LINE Outages/Trippings							
TALANDGE - KOLHAPUR (PG) CKT - 2	InterState	20/03/2023	07:49			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS -1
KALWA - TALEGAON (PG)	InterState	30/04/2023	23:52	01/05/2023	04:50	EO	1.To replace PID detected strings at loc no. 139 R and B phase. 2. Cold line washing of insulator strings in the highly polluted area, in the view of past history, line tripping observed due high degree of partial discharge over insulator strings in D/C portion due to duct deposition and salty sea air present from April to May.
CHANDRAPUR - BHADRAVATI CKT - 4	InterState	02/05/2023	08:49			PO	Group Relay (Self-resetting) retrofitting works at GCR end. Line TLM Works.
KORADI 2-WARDHA (PG)	InterState	02/05/2023	09:16			PO	Diagnostic testing of Line Current transformer Routine nut bolt tightening by 400kV Koradi 2 substation
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/04/2023	11:30			HT	H/T TO CONTROL LINE LOADING OF PUNE PG
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/05/2023	10:58	01/05/2023	13:29	T	Tripped on distance protection
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.
400/220KV 500MVA ICT 3 @ AKOLA	IntraState	25/04/2023	10:41			PO	For termination of power cable
400220kV 167MVA SPARE ICT @ DEEPNAGAR	IntraState	29/04/2023	09:43	01/05/2023	16:12	PO	For Pre-monsoon maint. work in all aspect, Tan delta testing of Bushings, Windings, SFRA & Winding Resistance measurement testing work. Also HV Bay maintenance work & oil filtration work by external agency due to high C2H2 & increase trend in water content is to be carried out.
220 KV LINE Outages/Trippings							
PANCHALI TSS - BOISAR (PG)	InterState	01/05/2023	09:13	01/05/2023	14:09	T	Tripped on back up protection

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2023

Statement-VII

Position as on 6.30 Hrs of 02/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
TROMBAY DHARAVI - 6	IntraState	30/04/2023	23:13	01/05/2023	04:50	PO	Conductor shifting sejal shakti consumer funded job
URSE-CHINCHWAD	IntraState	01/05/2023	06:03	01/05/2023	18:40	PO	1)Erection of 2 Nos. of tower between Loc. No 15-17 for moonstone reality for ORC work. 2) Emergency tree cutting.
JNPT - JNPT SEZ	IntraState	01/05/2023	08:54	01/05/2023	14:50	PO	Annual Shutdown Maintenance work at M/s JNPT
ONGC URAN - JNPT	IntraState	01/05/2023	09:02	01/05/2023	15:52	PO	Annual Shutdown Maintenance work at M/s JNPT
PALGHAR - PANCHALI TSS	IntraState	01/05/2023	09:13	01/05/2023	14:08	T	Tripped on back up protection
PALGHAR - NALASOPARA	IntraState	01/05/2023	09:13	01/05/2023	19:33	T	Tripped on distance protection
BADNERA - AMRAVATI	IntraState	01/05/2023	12:54	01/05/2023	16:25	T	Distance protection
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	01/05/2023	15:01	01/05/2023	21:32	PO	End Bay maintenance at 400kV BBLR and 220kV GCR S/Stn also Line maintenance work by LMSD BBLR and EklaHare(Attending various Hotspot also replacement of wavetrap drum)
BORIVALI - BOISAR II LINE	IntraState	01/05/2023	15:51	01/05/2023	19:33	HT	For removing bird nest at Boisar 2 end
MIRAJ - ICHALKARANJI	IntraState	01/05/2023	16:18	01/05/2023	22:07	PO	1) 220KV Miraj Circuit Kept off for attending work on 220KV Talandage Circuit-1 I/e 1) Quarterly bay maintenance work 2) Hot spot attending work
TALANDGE - ICHALKARANJI 1	IntraState	01/05/2023	16:19	01/05/2023	22:05	PO	1) Attending hotspot by replacement of Jump 2) Quarterly bay maintenance work 3) Wave trap String insulator discs replacement work.
220 KV CHADRAPUR MIDC - GADCHANDUR CKT TAP	IntraState	01/05/2023	18:57	01/05/2023	22:27	EO	To attend open jumper of R ph wave trap
TROMBAY DHARAVI - 6	IntraState	01/05/2023	23:05	02/05/2023	05:22	PO	Conductor shifting Sejal shakti work consumer funded job
PEDHAMBE ONI LINE	IntraState	02/05/2023	09:07			PO	Cold washing of insulator strings and other maintenance works
TOPWORTH - Vile - bhagad	IntraState	02/05/2023	10:10			PO	Diagnostic testing and pre monsoon maintenance work.
KARAD - OGALEWADI CKT 1	IntraState	02/05/2023	10:20			PO	Cold line washing of insulator strings from Loc No. 1 to 25
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 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/132 KV 100MVA PTR NO 6 @CHINCHWAD	IntraState	01/05/2023	08:54	01/05/2023	15:01	PO	132 kV PT Replacement (2 Nos.) and HYM
220/110 KV 200 MVA ICT - 1 @ ICHALKARANJI - II	IntraState	01/05/2023	09:15	01/05/2023	15:49	PO	"1) Attending Diag Testing work. 2) Verification of Oil leakage from OLTC tank. "
132 KV LINE Outages/Trippings							
RISOD-YELDARI	IntraState	20/04/2023	17:57			HT	TO CONTROL LOADING ON RISOD - MALEGAON CKT
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2023

Statement-VII

Position as on 6.30 Hrs of 02/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.

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