

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/May/2023 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.941	249.608	1) Gujrat	-3.732	-9.106
2) Hydro	18.073	27.166	2) Madhya Pradesh	10.882	20.346
3) Gas	6.322	12.687	3) Chattisgarh	7.320	14.010
Total MSPGCL	154.336	289.461	4) Maharashtra	201.811	379.820
B) 1) APLM	40.300	72.705	5) Goa (Amona)	-1.241	-2.392
2) JSWEL	20.536	39.724	Total	215.040	402.678
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.301	71.907
4) RPL(AMT)	23.126	50.318	b) Mumbai Drawl	41.677	77.967
5) SWPGPL	9.401	18.261	c) MSEDCL Bilateral *	91.765	178.127
6) Other IPP	16.421	32.252	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.301	71.907
C) 1) TPCL Thermal	10.337	20.735	Include PX	0.000	0.000
2) TPCL Hydro	4.128	5.477	Standby	0.000	0.000
3) TPCL Gas	2.407	5.348	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.554	17.510	1) MSEDCL	451.570	858.583
D) STATE			2) Mumbai Discoms	68.103	127.037
1) Thermal	259.616	501.113	3) Other Discoms	10.381	20.389
(A1+C1+C4+(B1-B6))			TOTAL STATE	530.054	1006.009
2) Hydro (A2+C2)	22.201	32.643			
3) Gas (A3+B7+C3)	8.729	18.035			
4) Wind	10.372	22.869			
6) SOLAR	14.096	28.671			
TOTAL STATE	315.014	603.331			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5221	5284	5326	5530
MSPGCL Hydro	260	183	2066	276
MSPGCL Gas	259	237	268	281
MSPGCL Total Generation	5740	5704	7660	6087
Central Sector Receipt	10463	10609	9089	7766
WIND	104	127	621	455
CPP / IPP Thermal	4427	4086	4705	4259
CPP / IPP Gas	0	0	0	0
SOLAR	1860	1869	0	0
Exchange with Mumbai	-2015	-2083	-1751	-1316
MSEDCL DEMAND MET	20097	19848	19845	16913
Load Shedding	0	0	0	0
MSEDCL DEMAND	20097	19848	19845	16913
TPCL GENERATION	782	783	828	647
AEML GENERATION	491	476	454	320
MUMBAI DEMAND	3288	3342	3033	2283
OTHER DISCOM DEMAND	482	464	479	338
STATE DEMAND MET	23867	23654	23357	19534
STATE DEMAND	23867	23654	23357	19534
Frequency (Hz)	50.07	49.99	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 13.03 Hrs	49.8 Hz at 15.12 Hrs	50	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 02/May/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.21	8.08	190	165
Unit 8	0.00	0.00	0	0
Unit 9	12.36	25.02	568	451
Unit 10	0.00	0.00	0	0
Total	16.57	33.10		
Bhusawal				
Unit 3	3.47	6.80	160	55
Unit 4	9.67	9.72	455	125
Unit 5	11.09	20.96	485	430
Total	24.23	37.49		
Parli				
Unit 6	5.58	10.10	250	190
Unit 7	2.09	6.51	227	0
Unit 8	5.08	9.32	221	184
Total	12.76	25.93		
Chandrapur				
Unit 3	3.68	7.12	161	145
Unit 4	0.83	4.38	157	0
Unit 5	0.00	3.16	0	0
Unit 6	8.91	17.43	405	335
Unit 7	8.50	16.95	396	325
Unit 8	10.74	20.68	462	406
Unit 9	10.83	21.10	492	381
Total	43.51	90.81		
Paras				
Unit 3	4.83	9.07	219	176
Unit 4	5.02	9.26	220	154
Total	9.85	18.33		
Khaparkheda				
Unit 1	2.88	5.82	135	110
Unit 2	3.09	6.14	139	101
Unit 3	3.80	7.63	172	131
Unit 4	4.03	7.79	178	158
Unit 5	1.03	1.03	346	0
Total	14.82	28.40		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.20	7.97	183	161
Unit 5	4.00	7.59	174	160
Total	8.20	15.56		
Uran				
All Units	6.32	12.69	283	234
Total	6.32	12.69		
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	4.74	8.32	550	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	6.85	7.42	1000	0
Stage 3	2.78	3.76	320	0
Total	14.38	19.50		
Hydro				
KDPH	0.74	1.50	31	31
VTRNA	1.14	2.32	61	0
TILLARI	0.00	0.23	0	0
BHIRA T.R.	0.08	0.15	40	0
SMLHY_PTN	1.73	3.46	86	65
GHATGHAR	0.00	0.00	0	0
Total	3.69	7.67		
Wind				
Total	10.37	22.87	0	0
Total	10.37	22.87		
CPP				
APML(Mus)	40.30	72.70	0	0
JSWEL(Mus)	20.54	39.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.13	50.32	0	0
SWPGPL-Mus	9.40	18.26	0	0
Dhariwal	5.54	10.79	258	201
IEPL	4.73	9.12	198	196
Other(Mus)	6.14	12.34	0	0
Total	109.78	213.26		
SOLAR				
Total	14.10	28.67	0	0
Total	14.10	28.67		
Tata				
Trombay 5	6.79	13.60	325	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	3.10	107	43
Trombay 7B	1.05	2.25	64	38
TATA Hydro	4.13	5.48	256	85
Trombay 8	3.55	7.14	177	133
Total	16.87	31.56		
AEML				
DTPS U-1&2	9.55	17.51	496	299
Total	9.55	17.51		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.94	249.61	MSPGCL Total	154.34	289.46
			MSPGCL Thml+Gas	136.26	262.30	Koyna 1,2 & 4 Total	11.60	15.74
			MSPGCL Hydro	18.07	27.17	State Total	315.01	603.33

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5487	279	279	6045	585	4898	0	0	7726	7907	-1560	17491	0	0	17491	2594	384	20469	50.02
2	5534	277	280	6091	516	4702	0	0	7874	7639	-1432	17154	0	0	17154	2435	362	19951	50.03
3	5530	276	281	6087	455	4259	0	0	7827	7766	-1316	16913	0	0	16913	2283	338	19534	49.97
4	5550	277	281	6108	294	4539	0	0	7471	7709	-1241	17067	0	0	17067	2178	342	19587	49.97
5	5498	436	283	6217	248	4702	0	0	7680	7789	-1283	17311	0	0	17311	2153	362	19826	49.99
6	5476	1300	282	7058	205	4716	0	1	7679	7714	-1276	18032	0	0	18032	2200	386	20618	50.01
7	5466	1064	280	6810	180	4710	0	129	8177	8440	-1335	18540	0	0	18540	2247	394	21181	50.02
8	5522	553	278	6353	143	4745	0	612	8683	8766	-1516	18672	0	0	18672	2413	431	21516	50.02
9	5544	635	276	6455	160	4582	0	1278	8823	8865	-1680	19198	0	0	19198	2749	462	22409	49.91
10	5337	715	261	6313	112	4405	0	1670	9450	9644	-1805	19876	0	2	19876	3078	463	23417	50.01
11	5221	260	259	5740	104	4427	0	1860	10298	10463	-2015	20097	0	7	20097	3288	482	23867	50.07
12	5216	396	252	5864	143	4073	0	1807	10637	10655	-2093	19971	0	0	19971	3357	478	23806	49.99
13	5284	183	237	5704	127	4086	0	1869	10639	10609	-2083	19848	0	0	19848	3342	464	23654	49.99
14	5311	141	236	5688	178	4171	0	1672	10380	10237	-2000	19503	0	3	19503	3242	443	23188	50.10
15	5335	236	235	5806	187	4609	0	1257	10370	10192	-2048	19546	0	8	19546	3294	457	23297	49.94
16	5330	622	240	6192	333	4672	0	946	10298	10316	-2160	19841	0	5	19841	3323	458	23622	49.96
17	5361	539	234	6134	538	4647	0	652	10080	9883	-2248	19121	0	5	19121	3286	485	22892	49.97
18	5308	772	247	6327	682	4687	0	306	9644	9339	-2189	18673	0	0	18673	3188	479	22340	49.98
19	5260	1796	246	7302	577	4664	0	37	8686	9032	-2065	19072	0	0	19072	3054	475	22601	50.02
20	5326	2066	268	7660	621	4705	0	0	8800	9089	-1751	19845	0	0	19845	3033	479	23357	50.02
21	5437	1658	273	7368	832	4690	0	0	8276	8379	-1627	19189	0	0	19189	2917	453	22559	50.02
22	5540	1283	272	7095	1014	4744	0	0	7892	7960	-1584	18770	0	0	18770	2825	459	22054	50.01
23	5510	1063	270	6843	1120	4672	0	0	8218	8423	-1595	19041	0	0	19041	2799	422	22262	49.96
24	5558	1246	272	7076	1018	4679	0	0	8424	8224	-1775	18797	0	0	18797	2825	425	22047	49.91
MUs	129.94	18.07	6.32	154.34	10.37	109.78	0.00	14.10	214.03	215.04	-41.68	451.57	0.00	0.03	451.57	68.10	10.38	530.05	50.00

NOTE : ALL VALUES IN MW

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

1) 132kv BBLR-Sangamner line overload.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/May/2023

Position as on 6.30 Hrs of 03/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	02/05/2023	19:17	Boiler Tube Leakage	02/05/2023
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
MSPGCL	Parli Unit 7	250	02/05/2023	09:22		Continued.	heavy steam leakage at PRDS level	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2023

Statement-VII

Position as on 6.30 Hrs of 03/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 Protecion Alaram
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	02/05/2023	12:00	02/05/2023	14:30	T	Line Protection
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
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	02/05/2023	20:00	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
KHADKA-AURANGABAD (WALUJ)	IntraState	03/05/2023	07:30			PO	For strings replacement 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.
400/220KV 500MVA ICT 3 @ AKOLA	IntraState	25/04/2023	10:41			PO	For termination of power cable
400/220 KV 3X105 MVA ICT - 2 @ NAGOTHANE	IntraState	02/05/2023	19:17	03/05/2023	05:02	PO	PROVIDING ADDITIONAL RADIATOR BANK, FAN AND PUMP CONTROL SWITCH REPLACEMENT, NEUTRAL CONNECTION REPLACEMENT BY IPS TUBE.
220 KV LINE Outages/Trippings							
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	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	02/05/2023	19:41	PO	Cold washing of insulator strings and other maintenance works
TOPWORTH - Vile - bhagad	IntraState	02/05/2023	10:10	02/05/2023	12:50	PO	Diagnostic testing and pre mansoon maintenance work.
KARAD - OGALEWADI CKT 1	IntraState	02/05/2023	10:20	02/05/2023	16:38	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
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							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
110 KV BUSBAR Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2023

Statement-VII

Position as on 6.30 Hrs of 03/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
24 MW UNIT-9 @ KHOPOLI-110 KV	IntraState	02/05/2023	06:10	02/05/2023	10:15	PO	Disconnection of CT to GT side GOD Jumper for facilitating 110 KV Bay CT replaement. Hydro generation will be restricted to 438MW

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