

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/May/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	172.491	2231.903	1) Gujrat	-5.259	-53.238
2) Hydro	8.197	266.533	2) Madhya Pradesh	2.503	96.510
3) Gas	5.680	81.401	3) Chattisgarh	4.280	78.160
Total MSPGCL	186.368	2579.837	4) Maharashtra	204.689	2839.472
B) 1) APML	56.882	674.926	5) Goa (Amona)	-1.169	-17.455
2) JSWEL	20.976	286.378	Total	205.044	2943.449
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.228	539.854
4) RPL(AMT)	23.578	347.168	b) Mumbai Drawl	41.760	594.978
5) SWPGPL	9.375	132.798	c) MSEDCL Bilateral *	106.765	1334.697
6) Other IPP	8.246	161.079	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.228	539.854
C) 1) TPCL Thermal	9.896	155.752	Include PX	0.000	0.000
2) TPCL Hydro	3.030	53.089	Standby	0.000	0.000
3) TPCL Gas	3.017	36.341	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.014	138.761	1) MSEDCL	513.888	6807.342
D) STATE			2) Mumbai Discoms	65.717	978.921
1) Thermal	309.458	4128.765	3) Other Discoms	9.976	144.449
(A1+C1+C4+(B1-B6))			TOTAL STATE	589.581	7930.712
2) Hydro (A2+C2)	11.227	319.622			
3) Gas (A3+B7+C3)	8.697	117.742			
4) Wind	37.810	207.500			
6) SOLAR	17.345	213.634			
TOTAL STATE	384.537	4987.263			

* 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 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6324	7262	7584	7242
MSPGCL Hydro	212	154	374	280
MSPGCL Gas	218	214	241	260
MSPGCL Total Generation	6754	7630	8200	7782
Central Sector Receipt	9519	9417	8219	7915
WIND	985	1472	1682	1465
CPP / IPP Thermal	4401	4437	5131	4654
CPP / IPP Gas	0	0	0	0
SOLAR	2278	1464	0	661
Exchange with Mumbai	-1839	-2076	-1617	-1546
MSEDCL DEMAND MET	21668	21905	21175	20519
Load Shedding	0	0	0	0
MSEDCL DEMAND	21668	21905	21175	20519
TPCL GENERATION	554	555	854	544
AEML GENERATION	320	289	443	307
MUMBAI DEMAND	2713	2920	2914	2397
OTHER DISCOM DEMAND	430	440	439	413
STATE DEMAND MET	24811	25264	24529	23329
STATE DEMAND	24811	25264	24529	23329
Frequency (Hz)	49.97	50.02	50.03	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 18.03 Hrs	49.75 Hz at 13.15 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 14/May/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.88	61.26	195	120
Unit 8	12.66	138.05	557	460
Unit 9	12.59	174.91	554	461
Unit 10	12.79	99.76	566	458
Total	41.92	473.98		
Bhusawal				
Unit 3	3.28	46.85	155	120
Unit 4	8.70	98.88	415	280
Unit 5	9.08	143.00	425	275
Total	21.06	288.72		
Parli				
Unit 6	4.52	72.99	250	120
Unit 7	4.56	49.21	238	144
Unit 8	4.29	65.48	213	147
Total	13.37	187.67		
Chandrapur				
Unit 3	3.66	50.70	170	125
Unit 4	3.58	40.15	162	121
Unit 5	8.96	97.85	415	290
Unit 6	8.82	126.42	412	275
Unit 7	8.58	125.45	430	296
Unit 8	10.85	117.97	479	318
Unit 9	10.88	148.98	482	360
Total	55.33	707.52		
Paras				
Unit 3	4.71	65.39	227	140
Unit 4	4.99	67.44	230	148
Total	9.70	132.83		
Khaparkheda				
Unit 1	2.56	42.29	135	90
Unit 2	2.82	42.34	125	101
Unit 3	3.93	54.19	185	129
Unit 4	4.01	58.57	192	125
Unit 5	10.54	135.54	485	290
Total	23.86	332.93		
Nasik				
Unit 3	3.57	3.64	174	100
Unit 4	3.68	56.18	183	92
Unit 5	0.00	48.42	0	0
Total	7.25	108.24		
Uran				
All Units	5.68	81.40	260	214
Total	5.68	81.40		
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	0.13	0	0
Total	0.00	0.13		
Koyna				
Stage 1-2	1.42	56.91	215	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.30	115.82	500	0
Stage 3	1.10	38.32	160	0
Total	3.82	211.06		
Hydro				
KDPH	0.66	9.85	28	28
VTRNA	1.19	13.76	60	0
TILLARI	0.00	0.23	0	0
BHIRA T.R.	0.20	2.84	40	0
SMLHY_PTN	2.32	28.66	118	82
GHATGHAR	0.00	0.00	0	0
Total	4.37	55.34		
Wind				
Total	37.81	207.50	0	0
Total	37.81	207.50		
CPP				
APML(Mus)	56.88	674.93	0	0
JSWEL(Mus)	20.98	286.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.58	347.17	0	0
SWPGPL-Mus	9.38	132.80	0	0
Dhariwal	0.00	16.14	0	0
IEPL	4.55	69.11	199	153
Other(Mus)	3.70	75.83	0	0
Total	119.06	1602.35		
SOLAR				
Total	17.34	213.63	0	0
Total	17.34	213.63		
Tata				
Trombay 5	6.57	101.69	356	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	20.88	108	43
Trombay 7B	1.22	15.46	64	38
TATA Hydro	3.03	53.09	293	61
Trombay 8	3.32	54.06	228	130
Total	15.94	245.18		
AEML				
DTPS U-1&2	8.01	138.76	443	287
Total	8.01	138.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	172.49	2231.90	MSPGCL Total	186.37	2579.84
			MSPGCL Thml+Gas	178.17	2313.30	Koyna 1,2 & 4 Total	2.73	172.73
			MSPGCL Hydro	8.20	266.53	State Total	384.54	4987.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/May/2023

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLA R	CS SHAR E	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planne d	Trans missio n Constr aint					
1	7678	810	250	8738	2171	6105	0	0	7662	7668	-1688	22620	0	0	22620	3062	374	26055	50.03
2	7681	390	252	8322	2046	5769	0	0	8192	8250	-1713	22315	0	0	22315	2897	359	25571	49.97
3	7806	366	252	8424	2112	5695	0	0	8193	7915	-1689	22110	0	0	22110	2728	346	25184	49.96
4	7823	312	252	8386	1973	5628	0	0	8149	7763	-1603	21819	0	0	21819	2591	328	24738	49.98
5	7819	298	252	8368	1946	5464	0	0	8359	8184	-1540	22078	0	0	22078	2508	345	24931	49.98
6	7789	246	252	8286	1721	5535	0	0	8605	8626	-1550	22251	0	0	22251	2485	368	25103	50.01
7	7741	238	253	8232	1688	5500	0	153	8482	7750	-1544	21378	0	0	21378	2414	400	24192	50.07
8	7242	280	260	7782	1465	4654	0	661	8392	7915	-1546	20519	0	0	20519	2397	413	23329	50.05
9	6598	278	248	7124	1284	4258	0	1286	8462	8434	-1615	20340	0	0	20340	2463	430	23234	50.05
10	6198	260	248	6706	1042	4615	0	1767	8905	9055	-1690	21058	0	0	21058	2541	438	24036	50.03
11	6194	244	225	6662	956	4375	0	2139	9081	9206	-1774	21130	0	0	21130	2639	434	24203	49.98
12	6324	212	218	6754	985	4401	0	2278	9308	9519	-1839	21668	0	0	21668	2713	430	24811	49.97
13	6265	158	218	6642	1144	4355	0	2282	9355	8850	-1874	20973	0	0	20973	2741	426	24140	49.85
14	5740	202	215	6158	1302	4341	0	2151	9483	9607	-1891	21230	0	0	21230	2759	438	24426	49.92
15	6529	328	215	7072	1345	4420	0	1880	9209	9328	-2008	21594	0	0	21594	2851	442	24888	50.01
16	7262	154	214	7630	1472	4437	0	1464	9302	9417	-2076	21905	0	0	21905	2920	440	25264	50.02
17	7276	210	218	7704	1690	4413	0	874	9205	8857	-1983	21109	0	0	21109	2874	445	24428	50.03
18	7249	230	219	7698	1680	4358	0	367	8957	8753	-1872	20514	0	0	20514	2757	469	23740	50.03
19	7388	338	223	7950	1634	4371	0	43	8626	8465	-1762	20219	0	0	20219	2705	481	23405	50.07
20	7493	924	225	8642	1368	4682	0	0	8492	8504	-1667	21076	0	0	21076	2805	453	24334	49.96
21	7531	770	240	8540	1531	4984	0	0	8308	8129	-1648	21095	0	0	21095	2874	441	24410	50.00
22	7584	374	241	8200	1682	5131	0	0	8293	8219	-1617	21175	0	0	21175	2914	439	24529	50.03
23	7603	304	244	8150	1728	5658	0	0	8298	8287	-1696	21709	0	0	21709	2981	419	25109	50.04
24	7678	274	246	8198	1845	5909	0	0	8447	8343	-1875	22006	0	0	22006	3098	415	25519	50.06
MUs	172.49	8.20	5.68	186.37	37.81	119.06	0.00	17.34	207.76	205.04	-41.76	513.89	0.00	0.00	513.89	65.72	9.98	589.58	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.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/May/2023

Position as on 6.30 Hrs of 15/May/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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
IPP	RPL(AMT) U-4	270	01/05/2023	15:30		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	10/05/2023	02:00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	13/05/2023	22:53		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 6	250	15/05/2023	23:43		Continued.	Boiler Tube Leakage	18/05/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2023

Statement-VII

Position as on 6.30 Hrs of 15/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY (705) OF KORADI 3 CKT - 2 & BUS REACTOR @ TIRORA	IntraState	13/05/2023	11:41			PO	For bay(705-52) breaker SF6 gas leakage attending work.
400 KV TIEBAY Outages/Trippings							
TIE BAY (412) of THAPTITANDA @ DEEPNAGAR	IntraState	15/05/2023	10:53			PO	For servicing & overhauling of 400kV AREVA make THAPTITANDA Line Tie C.B. Mechanism
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
KOLHAPUR - SOLAPUR (PG) CKT - 2	InterState	14/05/2023	12:35	14/05/2023	21:23	T	Tripped on distance protection
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/04/2023	11:30			HT	H/T TO CONTROL LINE LOADING OF PUNE PG
AKOLA - KHADKA (BHUSAWAL)	IntraState	13/05/2023	06:32	14/05/2023	05:09	PO	String replacement work on 400 kV Akola- Bhusawal Line will be carried out by engaging agency which are detected punctured in PID testing.
BABHALESHWAR - PADGHE CKT - 2	IntraState	13/05/2023	23:19	14/05/2023	06:15	PO	Cold line washing of dust polluted Disc Insulator strings at Naneghat section and Samruddhi Highway crossing towers.
220KV GEORAI(220KV)-TAPTITHANDA(400KV)CKT	IntraState	14/05/2023	03:10	14/05/2023	09:38	T	Distance protection operated
CHANDRAPUR GCR - CHANDRAPUR 2 CKT 2	IntraState	14/05/2023	08:45	14/05/2023	17:59	PO	1. Measurement of tandelta of CVT. 2. Bay routine maintenance work.
BABHALESHWAR - PADGHE CKT - 2	IntraState	14/05/2023	11:00	14/05/2023	17:56	PO	Routine Line maintenance and Insulator cleaning work
220KV GEORAI(220KV)-TAPTITHANDA(400KV)CKT	IntraState	14/05/2023	14:45	14/05/2023	16:12	EO	Earth wire tightening work
PARLI - KARJAT CKT - 2	IntraState	14/05/2023	19:14	14/05/2023	23:11	PO	(1) Reactor testing work. (2) Bay maintenance work.
KHADKA - BABLESHWAR	IntraState	15/05/2023	06:05	15/05/2023	09:02	PO	for string replacement work
LONIKAND I - KOYNA STAGE-IV	IntraState	15/05/2023	08:58			PO	400kV CB O/H work by shifting on TBC
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	15/05/2023	09:34	15/05/2023	18:33	PO	String replacement work on 400 kV Akola- Nandgaonpeth Line will be carried out by engaging agency which are detected punctured in PID testing.
220 KV CHANDRAPUR GCR - CHANDRAPUR 2 CKT	IntraState	15/05/2023	15:42	15/05/2023	16:01	T	Distance protection operated
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
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	15/05/2023	11:46	15/05/2023	15:54	PO	Premonsoon maintenance and relay testing work
220 KV TBC Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2023

Statement-VII

Position as on 6.30 Hrs of 15/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BUS COUPLER @ MULUND	IntraState	04/05/2023	12:39			EO	1) CB Dew Point test of 220 KV Bus Coupler which is found very Low. 2) The 220 KV Bus Coupler is already in OFF condition. Permission is required to open Both isolators. 3) Due to Low value of dew point values, the breaker pole may burst, hence CB kept out of service and now same is proposed to be attended.
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
SALSETTE - SAKI -7	IntraState	13/05/2023	06:56	14/05/2023	17:44	PO	Removal of cross jumpers and closing of loops at loc. 93 (Salsette yard)
TROMBAY SALSETTE LINE-2	IntraState	13/05/2023	18:56	14/05/2023	17:44	PO	Shifting of TS 2 conductors at loc. 82 and stringing of new conductors in span 82-83 at Bhandup village. Trombay Salsette 2 will go in service as Trombay Saki line.
POPHALI - KDPH	IntraState	13/05/2023	21:58	14/05/2023	22:45	T	Tripped on distance protection
TALANDGE - MUDSHINGI CKT - 2	IntraState	14/05/2023	16:52	14/05/2023	20:22	HT	Emergency Outage
PARLI (OLD GCR) - PARLI (PG) CKT 2	IntraState	15/05/2023	07:26	15/05/2023	13:50	EO	Jumper dislocated from suspension clamp of R ph Loc 2 (LILLO)
TALANDGE - SAWANTWADI	IntraState	15/05/2023	08:52	15/05/2023	19:32	PO	Cold washing of insulators.
KORADI-AMBAZARI-II	IntraState	15/05/2023	09:14	15/05/2023	15:52	PO	For yearly diagnostic testing of CB, CCS, CTS at 220KV Ambazari S/s.
KARAD -MUDSHINGI CKT 2-TAK	IntraState	15/05/2023	10:04	15/05/2023	11:45	PO	For attending hot spot at 29B B ph Isolator palm toward bus side.Temp-105 degree
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 Noise from ICT
220 / 110 / 33kv 315 MVA ICT 6 @ CARNAC	IntraState	14/05/2023	09:24	14/05/2023	13:09	PO	R/M
220/110/33KV 250 MVA ICT-5 @ MAHALAXMI GIS (T)	IntraState	14/05/2023	11:00	14/05/2023	14:39	PO	R/M & Testing
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	15/05/2023	08:08	15/05/2023	17:07	PO	Testing & replacement of new air cell of Main conservator tank.
220/33 KV 50 MVA BBL PTR 2 @ MUDSHINGI	IntraState	15/05/2023	09:12	15/05/2023	18:00	PO	1) Quarterly maintenance work 2) CB testing work 3) to attend hot spot
220/33 KV 100 MVA PTR 2	IntraState	15/05/2023	09:46	15/05/2023	19:27	PO	Replacement work of Y Ph CT
220/132 KV 200 MVA ICT 2 @ AMALNER	IntraState	15/05/2023	18:26	15/05/2023	19:34	EO	Emergency Outage to attend the red hot on ICT-2 LV R-ph main bus isolator CB side 160 degree.
132 KV LINE Outages/Trippings							
RISOD-YELDARI	IntraState	20/04/2023	17:57			HT	TO CONTROL LOADING ON RISOD - MALEGAON CKT

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2023

Statement-VII

Position as on 6.30 Hrs of 15/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
BHIRA (T) - KHOPOLI 2	IntraState	14/05/2023	06:14	14/05/2023	14:25	PO	Project Work - Augmentation of OPGW communication link from 6 Core to 48 Core of Bhira Karanjade Link
KHOPOLI - KARANJADE	IntraState	14/05/2023	14:36	14/05/2023	17:30	PO	REMOVAL OF BIRD NEST
WAGHIVALI - MANKHURD	IntraState	15/05/2023	06:14	15/05/2023	06:55	PO	REMOVAL OF BIRD NEST
BHIRA (T) - KHOPOLI 2	IntraState	15/05/2023	06:20	15/05/2023	11:07	PO	Project Work - Augmentation of OPGW communication link from 6 Core to 48 Core of Bhira Karanjade Link
KALYAN KALWA SALSETTE 2	IntraState	15/05/2023	11:28	15/05/2023	14:13	PO	REMOVAL OF BIRD NEST
KALYAN KALWA SALSETTE 1	IntraState	15/05/2023	16:06	15/05/2023	17:58	PO	BIRD NEST REMOVAL

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