

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/May/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.547	1182.094	1) Gujrat	-0.981	-26.354
2) Hydro	17.069	156.196	2) Madhya Pradesh	8.865	69.526
3) Gas	6.137	46.728	3) Chattisgarh	5.330	48.000
Total MSPGCL	186.753	1385.018	4) Maharashtra	204.401	1599.323
B) 1) APLM	50.549	326.346	5) Goa (Amona)	-1.310	-9.637
2) JSWEL	20.136	157.506	Total	216.305	1680.858
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.339	298.384
4) RPL(AMT)	25.264	199.069	b) Mumbai Drawl	42.389	328.590
5) SWPGPL	9.656	74.918	c) MSEDCL Bilateral *	96.295	753.600
6) Other IPP	10.777	102.463	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.339	298.384
C) 1) TPCL Thermal	11.619	85.782	Include PX	0.000	0.000
2) TPCL Hydro	4.900	23.896	Standby	0.000	0.000
3) TPCL Gas	2.144	18.688	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.658	77.667	1) MSEDCL	492.250	3719.663
D) STATE			2) Mumbai Discoms	71.710	534.623
1) Thermal	302.206	2205.845	3) Other Discoms	10.622	82.146
(A1+C1+C4+(B1-B6))			TOTAL STATE	574.582	4336.432
2) Hydro (A2+C2)	21.969	180.092			
3) Gas (A3+B7+C3)	8.281	65.416			
4) Wind	10.083	89.574			
6) SOLAR	15.738	114.647			
TOTAL STATE	358.277	2655.574			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6613	6639	6845	6920
MSPGCL Hydro	188	528	1790	284
MSPGCL Gas	237	227	257	275
MSPGCL Total Generation	7038	7394	8892	7480
Central Sector Receipt	10276	10754	8262	7941
WIND	248	236	815	543
CPP / IPP Thermal	4267	4510	5323	4948
CPP / IPP Gas	0	0	0	0
SOLAR	2132	1702	0	0
Exchange with Mumbai	-2274	-2255	-1533	-1406
MSEDCL DEMAND MET	21210	21863	21278	19189
Load Shedding	0	0	0	0
MSEDCL DEMAND	21210	21863	21278	19189
TPCL GENERATION	714	711	1128	562
AEML GENERATION	501	502	499	379
MUMBAI DEMAND	3489	3468	3160	2347
OTHER DISCOM DEMAND	477	477	481	317
STATE DEMAND MET	25176	25808	24918	21852
STATE DEMAND	25176	25808	24918	21852
Frequency (Hz)	49.93	49.94	49.95	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 03:28 Hrs	49.76 Hz at 09:09 Hrs	49.98	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 08/May/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.54	34.76	205	150
Unit 8	13.72	60.70	601	532
Unit 9	12.77	101.23	580	490
Unit 10	12.24	24.66	535	480
Total	43.28	221.34		
Bhusawal				
Unit 3	3.58	27.12	160	135
Unit 4	0.00	48.24	0	0
Unit 5	10.42	83.84	490	345
Total	14.00	159.20		
Parli				
Unit 6	5.56	42.99	250	151
Unit 7	5.25	20.32	238	148
Unit 8	5.14	37.52	225	150
Total	15.96	100.82		
Chandrapur				
Unit 3	3.60	28.61	162	131
Unit 4	3.61	18.31	162	140
Unit 5	9.64	41.93	411	390
Unit 6	9.54	71.52	425	360
Unit 7	9.81	69.28	428	386
Unit 8	0.00	67.49	0	0
Unit 9	10.37	82.63	470	410
Total	46.57	379.77		
Paras				
Unit 3	4.88	35.92	223	190
Unit 4	5.00	36.99	230	184
Total	9.87	72.91		
Khaparkheda				
Unit 1	3.15	24.44	145	110
Unit 2	3.21	24.88	138	124
Unit 3	4.25	33.08	184	160
Unit 4	4.24	33.82	187	161
Unit 5	11.16	69.38	490	450
Total	26.00	185.60		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.04	32.11	182	155
Unit 5	3.83	30.33	172	154
Total	7.87	62.44		
Uran				
All Units	6.14	46.73	275	227
Total	6.14	46.73		
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	0.07	0	0
Total	0.00	0.07		
Koyna				
Stage 1-2	3.82	35.00	550	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	7.12	68.12	1002	0
Stage 3	2.69	22.82	320	0
Total	13.63	125.93		
Hydro				
KDPH	0.71	5.82	30	30
VTRNA	0.65	8.81	60	0
TILLARI	0.00	0.23	0	0
BHIRA T.R.	0.10	0.95	40	0
SMLHY_PTN	1.98	14.38	96	73
GHATGHAR	0.00	0.00	0	0
Total	3.44	30.20		
Wind				
Total	10.08	89.57	0	0
Total	10.08	89.57		
CPP				
APML(Mus)	50.55	326.35	0	0
JSWEL(Mus)	20.14	157.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.26	199.07	0	0
SWPGPL-Mus	9.66	74.92	0	0
Dhariwal	0.00	16.14	0	0
IEPL	5.27	38.09	268	195
Other(Mus)	5.51	48.23	0	0
Total	116.38	860.30		
SOLAR				
Total	15.74	114.65	0	0
Total	15.74	114.65		
Tata				
Trombay 5	7.52	55.99	404	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	10.44	53	45
Trombay 7B	0.97	8.25	43	38
TATA Hydro	4.90	23.90	429	64
Trombay 8	4.10	29.80	226	131
Total	18.66	128.37		
AEML				
DTPS U-1&2	10.66	77.67	502	313
Total	10.66	77.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.55	1182.09	MSPGCL Total	186.75	1385.02
			MSPGCL Thml+Gas	169.68	1228.82	Koyna 1,2 & 4 Total	10.94	103.11
			MSPGCL Hydro	17.07	156.20	State Total	358.28	2655.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	6973	888	272	8132	386	5289	0	0	7951	7705	-1377	19742	0	0	19742	2810	394	22946	49.99
2	6978	570	272	7820	368	5261	0	0	7977	7826	-1338	19582	0	0	19582	2633	355	22570	49.99
3	6970	322	275	7566	495	5145	0	0	8135	8024	-1417	19479	0	0	19479	2469	334	22282	50.05
4	6920	284	275	7480	543	4948	0	0	8309	7941	-1406	19189	0	0	19189	2347	317	21852	50.07
5	6893	292	275	7460	488	4807	0	0	8569	8433	-1364	19473	0	0	19473	2302	351	22126	49.99
6	6837	332	274	7442	462	4622	0	0	9152	9169	-1443	19869	0	0	19869	2320	383	22572	49.96
7	6902	242	266	7410	441	4526	0	126	9392	9202	-1461	19815	0	0	19815	2348	428	22591	50.00
8	6867	260	271	7398	443	4430	0	535	9145	9118	-1590	19879	0	0	19879	2491	455	22824	50.01
9	6762	280	272	7314	428	4207	0	1104	9633	9634	-1850	20369	0	3	20369	2812	469	23650	49.95
10	6746	674	259	7680	229	4265	0	1646	9540	9696	-1996	21036	0	24	21036	3150	483	24670	49.96
11	6714	408	251	7372	261	4398	0	2041	9778	9877	-2186	21273	0	19	21273	3395	490	25158	50.00
12	6613	188	237	7038	248	4267	0	2132	10358	10276	-2274	21210	0	0	21210	3489	477	25176	49.93
13	6578	148	233	6960	249	4187	0	2202	10440	10570	-2278	21409	0	0	21409	3495	480	25384	49.98
14	6464	188	230	6882	178	4088	0	1948	10574	10537	-2202	20967	0	0	20967	3402	463	24832	50.00
15	6639	528	227	7394	236	4510	0	1702	10511	10754	-2255	21863	0	0	21863	3468	477	25808	49.94
16	6711	568	228	7508	299	5109	0	1202	10457	10330	-2272	21691	0	0	21691	3502	485	25677	49.97
17	6829	368	229	7426	320	5217	0	757	10171	10197	-2372	21049	0	0	21049	3429	496	24974	50.00
18	6909	1008	236	8154	566	5223	0	301	9402	9089	-2241	20606	0	0	20606	3318	485	24410	49.97
19	6816	1344	252	8412	530	5279	0	42	8774	8563	-1860	20456	0	0	20456	3198	511	24164	50.02
20	6845	1790	257	8892	815	5323	0	0	8291	8262	-1533	21278	0	0	21278	3160	481	24918	49.95
21	6856	1250	265	8372	607	5310	0	0	7775	7752	-1445	20129	0	0	20129	3071	467	23666	49.98
22	6851	1396	265	8512	520	5324	0	0	7576	7710	-1391	20200	0	0	20200	3017	475	23692	49.98
23	6930	1762	253	8946	473	5306	0	0	7666	7944	-1398	20817	0	0	20817	3028	453	24298	49.90
24	6944	1980	263	9186	498	5341	0	0	7770	7697	-1440	20869	0	0	20869	3056	414	24338	49.92
MUs	163.55	17.07	6.14	186.75	10.08	116.38	0.00	15.74	217.35	216.31	-42.39	492.25	0.00	0.04	492.25	71.71	10.62	574.58	49.98

NOTE : ALL VALUES IN MW

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

DLS done due to overloading of 220kv jejuri Lonand line.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/May/2023

Position as on 6.30 Hrs of 09/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
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.	
IPP	Adani U-2	660	29/04/2023	08:21		Continued.	Zero Schedule.	
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	Bhusawal Unit 4	500	06/05/2023	22:37		Continued.	Boiler Tube Leakage	09/05/2023
MSPGCL	Chandrapur Unit 8	500	07/05/2023	12:29		Continued.	Boiler Tube Leakage	09/05/2023
MSPGCL	Koyana Unit 9	80	09/05/2023	04:25	09/05/2023	05:35	TRIPPED DUE TO HEAVY RAIN AND LIGHTENING	09/05/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2023

Statement-VII

Position as on 6.30 Hrs of 09/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (707) OF KORADI CKT - 1 @ TIRORA	IntraState	08/05/2023	09:53			PO	For bay(707-52) breaker SF6 gas leakage attending work.
400 KV MAINBAY Outages/Trippings							
MAIN BAY (411) of THAPTITANDA @ DEEPNAGAR	IntraState	08/05/2023	09:43			PO	For servicing & overhauling of 400kV AREVA make THAPTITANDA Line Main 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
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/04/2023	11:30			HT	H/T TO CONTROL LINE LOADING OF PUNE PG
DHULE - DHULE(BDTCL) CKT - 1	IntraState	08/05/2023	08:25	08/05/2023	19:26	PO	Line Bays Equipment annual maintenace & Testing
LONIKAND - JEJURI CKT - 1	IntraState	08/05/2023	08:37			PO	400kV CB O/H work by shifting on TBC
CHANDRAPUR GCR - CHANDRAPUR 2 CKT 2	IntraState	09/05/2023	07:05			PO	Diagnostic testing & allied bay maintenance work
AKOLA - KHADKA (BHUSAWAL)	IntraState	09/05/2023	07:30			PO	String replacement work on 400 kV Akola- Bhusawal Line will be carried out by engaging agency which are detected punctured in PID testing.
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
220 KV TBC Outages/Trippings							
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 due 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
TROMBAY DHARAVI - 6	IntraState	07/05/2023	23:57	08/05/2023	05:29	PO	Shifting of Conductors of 220kV Trombay Dharavi 6 to new Tower No 26A & 26B for Line diversion at Sejal Shakti
BIDRI - SAWANTWADI	IntraState	08/05/2023	08:53	08/05/2023	19:14	PO	For cold washing of line insulators.
SADAWAGHAPUR KARAD CKT 2	IntraState	08/05/2023	09:12	08/05/2023	19:14	PO	Replacement work of Y & B Phase CT's due to massive oil leakage & higher tan delta values.
NAGOTHANE - SPCL	IntraState	08/05/2023	10:05			PO	ABB MAKE CB MECHANISM OVERHAULING WORK.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2023

Statement-VII

Position as on 6.30 Hrs of 09/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GOREGAON - AAREY CKT - 1	IntraState	08/05/2023	10:31	08/05/2023	17:45	PO	Shifting of existing 220kV AIS Bay no. 1 to New GIS Bay no. 17 under MERC approved Aarey 220kV AIS to GIS conversion project scheme.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	08/05/2023	12:47	08/05/2023	13:21	T	Distance Protection
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	08/05/2023	12:52	08/05/2023	16:04	HT	HT for Load Management
MIRAJ - ICHALKARANJI	IntraState	08/05/2023	15:57	08/05/2023	23:59	PO	1) 220KV Miraj Circuit Kept off for attending work on 220KV Talandage Circuit-2 2) Bay relay testing work work.
TALANDGE - ICHALKARANJI 2	IntraState	08/05/2023	16:01	08/05/2023	23:52	PO	1) For Quarterly bay maintenance work. 2) Faulty string insulator disc replacement work. 3) Diag Testing work. 4) Attending hotspots
TALANDGE - SAWANTWADI	IntraState	08/05/2023	21:05	09/05/2023	04:38	T	TRIPPED ON DIST.PROTECTION
TROMBAY DHARAVI - 6	IntraState	08/05/2023	23:11	09/05/2023	04:21	PO	Shifting of Conductors of 220kV Trombay Dharavi 6 to new Tower No 26A & 26B for Line diversion at Sejal Shakti
NIWALI - PAWAS LINE	IntraState	09/05/2023	02:24			T	TRIPPED ON DISTANCE PROTECTION
POPHALI - KDPH	IntraState	09/05/2023	05:07	09/05/2023	06:20	T	TRIPPED ON DISTANCE PROTECTION
NERLE- POPHALI	IntraState	09/05/2023	05:21			T	TRIPPED ON DISTANCE PROTECTION
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
220/33 kV 50 MVA CGL PTR 1 @ MUDSHINGI	IntraState	08/05/2023	10:02	08/05/2023	18:31	PO	Diagnostic testing & Quarterly maintenance work
220/132 KV 100 MVA ICT 2 @ RANJANGAON	IntraState	08/05/2023	10:06	08/05/2023	18:47	PO	for replacement of LV Bay CT having high tan delta
220/132-110KV 100MVA PTR 1@WATHAR	IntraState	08/05/2023	10:08	08/05/2023	18:33	PO	For OLTC drive mechanism overhauling work by M/S ER & Annual Diagonstic testing work by TCC Team. Premonsoon maint
220/33KV 100MVA PTR 2 @ 5 STAR MIDC, KAGAL	IntraState	08/05/2023	11:10	08/05/2023	13:30	PO	for chemical washing of insulator strings, oil leakage attending work etc.
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.
BHIVPURI - AMBERNATH CKT - 1	IntraState	08/05/2023	05:58	08/05/2023	09:50	PO	R/M AND TESTING

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