

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.518	1110.674	1) Gujrat	-8.323	-35.961
2) Hydro	8.701	117.047	2) Madhya Pradesh	3.571	37.657
3) Gas	4.012	34.651	3) Chattisgarh	6.480	49.840
Total MSPGCL	153.231	1262.372	4) Maharashtra	178.949	1463.171
B) 1) APLM	51.281	399.530	5) Goa (Amona)	-1.411	-13.824
2) JSWEL	18.682	159.151	Total	179.266	1500.883
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.102	182.762
4) RPL(AMT)	19.032	149.209	b) Mumbai Drawl	25.460	210.994
5) SWPGPL	6.797	66.946	c) MSEDCL Bilateral *	79.456	643.244
6) Other IPP	46.145	369.326	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.102	182.762
C) 1) TPCL Thermal	10.368	88.172	Include PX	0.000	0.000
2) TPCL Hydro	2.282	26.679	Standby	0.000	0.000
3) TPCL Gas	2.155	20.150	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.612	69.760	1) MSEDCL	463.942	3769.640
D) STATE			2) Mumbai Discoms	48.877	415.755
1) Thermal	301.435	2412.768	3) Other Discoms	9.323	85.834
(A1+C1+C4+(B1-B6))			TOTAL STATE	522.142	4271.229
2) Hydro	10.983	143.726			
(A2+C2)					
3) Gas	6.167	54.801			
(A3+B7+C3)					
4) Wind	9.984	71.640			
6) SOLAR	14.307	87.411			
TOTAL STATE	342.876	2770.346			

* 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 24 Hrs
MSPGCL Thermal	6295	6204	5890	5140
MSPGCL Hydro	744	263	1444	165
MSPGCL Gas	237	234	95	98
MSPGCL Total Generation	7276	6701	7429	5403
Central Sector Receipt	8383	8857	6031	6380
WIND	345	293	340	605
CPP / IPP Thermal	6689	5934	6297	5290
CPP / IPP Gas	0	0	0	0
SOLAR	1857	2178	0	0
Exchange with Mumbai	-1002	-1286	-956	-1108
MSEDCL DEMAND MET	23131	22278	18713	16204
Load Shedding	0	0	0	0
MSEDCL DEMAND	23131	22278	18713	16204
TPCL GENERATION	784	652	923	525
AEML GENERATION	500	355	500	323
MUMBAI DEMAND	2286	2293	2379	1956
OTHER DISCOM DEMAND	417	399	428	367
STATE DEMAND MET	25834	24970	21520	18526
STATE DEMAND	25834	24970	21520	18526
Frequency (Hz)	50.00	49.99	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 06.02 Hrs	49.8 Hz at 19.17 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 08/Jan/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.64	39.48	210	170
Unit 7	0.00	0.00	0	0
Unit 8	14.02	106.90	617	549
Unit 9	0.00	10.08	0	0
Unit 10	12.92	101.77	560	500
Total	31.58	258.24		
Bhusawal				
Unit 3	0.00	6.71	0	0
Unit 4	10.59	81.60	500	285
Unit 5	8.02	74.57	490	0
Total	18.61	162.88		
Parli				
Unit 6	4.70	36.88	237	150
Unit 7	0.00	13.70	0	0
Unit 8	4.06	31.07	202	142
Total	8.76	81.65		
Chandrapur				
Unit 3	3.50	26.54	160	125
Unit 4	3.04	12.89	141	110
Unit 5	6.98	45.90	310	275
Unit 6	8.75	68.65	415	281
Unit 7	0.00	0.00	0	0
Unit 8	10.44	85.88	478	285
Unit 9	10.93	87.16	494	315
Total	43.64	327.02		
Paras				
Unit 3	4.45	39.14	200	167
Unit 4	4.53	22.42	205	157
Total	8.98	61.55		
Khaparkheda				
Unit 1	1.98	19.96	120	65
Unit 2	3.06	19.45	140	105
Unit 3	3.83	25.31	182	128
Unit 4	3.12	20.88	140	122
Unit 5	10.08	80.83	490	290
Total	22.07	166.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.43	26.63	164	115
Unit 5	3.45	26.26	169	114
Total	6.88	52.89		
Uran				
All Units	4.01	34.65	245	0
Total	4.01	34.65		
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)	0.40	3.67	43	0
Total	0.40	3.67		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.95	36.10	480	40
Stage 4	1.55	37.46	512	0
Stage 3	0.83	15.64	240	0
Total	5.33	89.20		
Hydro				
KDPH	0.00	3.13	0	0
VTRNA	0.00	0.04	0	0
TILLARI	0.41	3.77	58	0
BHIRA T.R.	0.22	1.60	40	0
SMLHY_PTN	1.62	11.21	69	66
GHATGHAR	0.72	4.43	125	0
Total	2.97	24.18		
Wind				
Total	9.98	71.64	0	0
Total	9.98	71.64		
CPP				
APML(Mus)	51.28	399.53	0	0
JSWEL(Mus)	18.68	159.15	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.03	149.21	0	0
SWPGPL-Mus	6.80	66.95	0	0
Other(Mus)	46.14	369.33	0	0
Total	141.94	1144.16		
SOLAR				
Total	14.31	87.41	0	0
Total	14.31	87.41		
Tata				
Trombay 5	7.02	58.45	449	260
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.16	11.49	106	41
Trombay 7B	0.99	8.66	64	37
TATA Hydro	2.28	26.68	330	8
Trombay 8	3.35	29.72	204	130
Total	14.80	135.00		
AEML				
DTPS U-1&2	8.61	69.76	500	286
Total	8.61	69.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.52	1110.67	MSPGCL Total	153.23	1262.37
			MSPGCL Thml+Gas	144.53	1145.32	Koyna 1,2 & 4 Total	4.50	73.56
			MSPGCL Hydro	8.70	117.05	State Total	342.88	2770.35

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Jan/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	5105	165	188	5458	615	5149	0	0	7648	7511	-1171	17197	0	17197	1954	365	19516	50.01
2	4999	164	197	5360	664	5145	0	0	7799	7559	-1045	17343	0	17343	1832	339	19515	49.99
3	4991	107	244	5342	567	5129	0	0	7771	7654	-960	17395	0	17395	1732	337	19464	49.96
4	5025	107	245	5377	554	5171	0	0	7685	7607	-906	17476	0	17476	1683	327	19486	49.98
5	5410	196	244	5850	551	5142	0	0	7664	7757	-885	18066	0	18066	1677	349	20092	49.97
6	5932	108	245	6285	524	5469	0	0	8010	7563	-959	18518	0	18518	1743	364	20625	50.02
7	6161	118	241	6520	536	5831	0	0	7793	7794	-954	19344	0	19344	1811	383	21538	49.98
8	6356	533	243	7132	445	6195	0	177	7389	7106	-972	19692	0	19692	1881	391	21964	50.02
9	6366	749	240	7355	335	6645	0	746	7180	7448	-1025	21100	0	21100	2016	403	23520	50.01
10	6337	879	241	7457	377	6673	0	1367	7790	7889	-1041	22320	0	22320	2161	402	24883	50.00
11	6295	744	237	7276	345	6689	0	1857	8453	8383	-1002	23131	0	23131	2286	417	25834	50.00
12	6301	240	235	6776	324	6540	0	1992	8745	8802	-1166	22872	0	22872	2301	397	25569	49.99
13	6204	263	234	6701	293	5934	0	2178	8663	8857	-1286	22278	0	22278	2293	399	24970	49.99
14	6214	143	231	6588	247	5938	0	1959	8793	8402	-1323	21430	0	21430	2188	381	23999	50.12
15	6189	152	80	6421	245	5735	0	1829	9043	8973	-1259	21553	0	21553	2131	390	24075	50.06
16	6266	151	0	6417	241	6047	0	1313	8561	8510	-1238	20889	0	20889	2093	401	23383	50.04
17	6237	256	18	6511	236	6472	0	746	7434	7427	-1108	19873	0	19873	2066	410	22350	49.99
18	6256	501	72	6829	219	6519	0	143	6646	6590	-962	18916	0	18916	2072	422	21410	50.04
19	6202	849	97	7148	262	6267	0	0	6512	6420	-947	18723	0	18723	2215	427	21365	49.99
20	5890	1444	95	7429	340	6297	0	0	6144	6031	-956	18713	0	18713	2379	428	21520	49.99
21	5818	329	94	6241	430	6320	0	0	6383	5904	-1009	17473	0	17473	2199	413	20085	49.94
22	5524	170	96	5790	443	5844	0	0	6515	6285	-1104	16844	0	16844	2157	415	19415	50.02
23	5300	166	97	5563	586	5494	0	0	6596	6416	-1074	16590	0	16590	2051	395	19036	50.03
24	5140	165	98	5403	605	5290	0	0	7015	6380	-1108	16204	0	16204	1956	367	18526	50.02
MUs	140.52	8.70	4.01	153.23	9.98	141.94	0.00	14.31	182.23	179.27	-25.46	463.94	0.00	463.94	48.88	9.32	522.14	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 08/Jan/2023

Position as on 6.30 Hrs of 09/Jan/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-1	250	02/12/2022	18:20		Continued.	Annual Overhaul	01/02/2023
IPP	Adani U-5	660	10/12/2022	23:56		Continued.	COH activities.	10/01/2023
MSPGCL	Parli Unit 7	250	03/01/2023	22:16		Continued.	Annual Overhaul	31/01/2023
IPP	JSW (J) U4	300	04/01/2023	23:45		Continued.	NO SCHEDULE	
FORCED OUTAGE								
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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	07/01/2023
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	28/02/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	08/01/2023
MSPGCL	Nasik Unit 3	210	07/12/2022	21:25		Continued.	Boiler Tube Leakage. Unit on tolling from 22:00Hrs Dtd 09.12.2022	
IPP	RPL(AMT) U-3	270	25/12/2022	17:45		Continued.	Bottom Ash evacuation problem	07/01/2023
IPP	SWPGPL U-4	135	28/12/2022	00:00		Continued.	BOTTOM ASH EVACUATION PROBLEM	07/01/2023
MSPGCL	Koradi Unit 9	660	01/01/2023	20:49	09/01/2023	00:29	Boiler Tube Leakage	09/01/2023
IPP	RPL(AMT) U-4	270	05/01/2023	00:00		Continued.	BOTTOM ASH PROBLEM	09/01/2023
MSPGCL	Bhusawal Unit 3	210	07/01/2023	12:47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	07/01/2023	19:10	08/01/2023	00:26	Gas Skid Trouble.	
IPP	SWPGPL U-1	135	08/01/2023	12:25		Continued.	PA Fan problem	
MSPGCL	Uran Unit B0	120	08/01/2023	14:25		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	08/01/2023	14:25		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	08/01/2023	14:25	08/01/2023	16:38	Gas shortage	

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

Position as on 6.30 Hrs of 09/Jan/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna Unit 10	80	08/01/2023	18:40		Continued.	Generator excitation problem	
IPP	IEPL Unit 1	270	08/01/2023	18:58	08/01/2023	21:33	Low furnace pressure	
MSPGCL	Bhusawal Unit 5	500	08/01/2023	19:14		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	09/01/2023	01:38	09/01/2023	06:58	Furnace Pressure High	09/01/2023
MSPGCL	Koyna Unit 12	80	09/01/2023	06:30		Continued.	GOVENER RECEIVER OIL LEVEL PRESURE LOW	

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

Statement-VII

Position as on 6.30 Hrs of 09/Jan/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV BR Outages/Trippings							
706 Bus reactor @ Koradi - 3	IntraState	06/01/2023	10:59			PO	For Reactor changeover Activity as per CEA guideline B- Ph reactor taken into service in place of Spare Reactor.
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
BUS COUPLER @ NAGOTHANE	IntraState	08/01/2023	08:44	08/01/2023	20:07	PO	Regular Maint work and Dignostic testing work
400 KV LINE Outages/Trippings							
KOLHAPUR - KOLHAPUR (PG) CKT - 1	InterState	28/11/2022	10:12			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. Same is approved by Ministry of Power (MOP) vide their office memorandum dt 01.12.2021 . AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS-2.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
NEW KOYNA - STAGE IV CKT - 2	IntraState	05/01/2023	11:05	08/01/2023	11:39	PO	Y Pole C.B SF6 gas leakage attending work
KHADKA- DEEPNAGAR CKT 1	IntraState	08/01/2023	08:46	08/01/2023	18:19	PO	for chemical Washing of disc insulator in premises of BTPS Deepnagar
JAIGAD - KARAD CKT - 1	IntraState	08/01/2023	23:26			HT	H/T due to Over Voltage.
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 2 @ KHARGHAR	IntraState	07/01/2023	23:13	08/01/2023	05:55	PO	Project 1) Installation of Bushing Monitoring system adapters under MTAMC Project 2) Diagnostic testing & RM Work
400/220 KV 3X105 MVA ICT - 1 @ KHARGHAR	IntraState	08/01/2023	15:46	08/01/2023	21:54	PO	1) Diagnostic testing & RM Work
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KALWA	IntraState	08/01/2023	06:08	08/01/2023	15:02	PO	R & B-ph CT replacement and replacement of single to twin jumpering work.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	18/12/2022	22:52			HT	To control overloading
POPHALI - KDPH	IntraState	07/01/2023	10:32			PO	For Erection & stringing of In-line Multi circuit towers (Loc. No. 1 to 7) of new 220 KV Karad & Koyana line and restringing of existing 220 KV D/C KDPH LILO line.
VANKUSWADE - KDPH	IntraState	07/01/2023	10:46			PO	For Erection & Stringing of In line Multi Circuit tower (Loc No.1 to 7) of new 220kV Karad-Koyana Line and Re stringing of existing 220kV D/C KDPH LILO line.
RANJANGAON - U TECH SUGAR CKT	IntraState	08/01/2023	06:52	08/01/2023	18:20	PO	Work of Re-Stringing of Y & B Ph Conductor from Loc No 245 (CP)-263(CP) to solve Low Clearance Issue between Loc No 262-263 & 257-258 under Manchar Div and For erection of tower at loc no.315 of 220kV Kathapur-Lonikand II Line under EHV Project Div-2 Pune

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

Statement-VII

Position as on 6.30 Hrs of 09/Jan/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BAPGAON - KALWA	IntraState	08/01/2023	06:52	08/01/2023	18:33	PO	1) Stringing of 4 nos. of span. 2) Removal of 8 Nos. of ERS.
PARGAON(KATHAPUR)- LONIKAND	IntraState	08/01/2023	06:56	08/01/2023	18:27	PO	Work of Re-Stringing of Y & B Ph Conductor from Loc No 245 (CP)- 263(CP) to solve Low Clearance Issue between Loc No 262-263 & 257-258 under Manchar Div and For erection of tower at loc no.315 of 220kV Kathapur-Lonikand II Line under EHV Project Div-2 Pune
BOISAR - VERSOVA	IntraState	08/01/2023	16:41	08/01/2023	17:47	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.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT

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