

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Mar/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.690	1969.311	1) Gujrat	1.133	37.050
2) Hydro	7.164	105.281	2) Madhya Pradesh	4.623	50.982
3) Gas	4.415	50.041	3) Chattisgarh	4.230	47.060
Total MSPGCL	172.269	2124.633	4) Maharashtra	174.836	1953.670
B) 1) APLM	71.258	821.088	5) Goa (Amona)	-2.105	-18.360
2) JSWEL	26.050	302.476	Total	182.717	2070.402
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.103	362.641
4) RPL(AMT)	31.248	357.744	b) Mumbai Drawl	33.820	432.091
5) SWPGPL	10.341	120.743	c) MSEDCL Bilateral *	87.537	1037.364
6) Other IPP	39.310	504.710	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.103	362.641
C) 1) TPCL Thermal	9.603	130.673	Include PX	0.000	0.000
2) TPCL Hydro	1.307	31.650	Standby	0.000	0.000
3) TPCL Gas	2.981	30.833	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.778	132.024	1) MSEDCL	513.644	6053.827
D) STATE			2) Mumbai Discoms	58.489	757.271
1) Thermal	359.278	4338.769	3) Other Discoms	9.796	120.131
(A1+C1+C4+(B1-B6))			TOTAL STATE	581.929	6931.229
2) Hydro	8.471	136.931			
(A2+C2)					
3) Gas	7.396	80.874			
(A3+B7+C3)					
4) Wind	9.706	139.883			
6) SOLAR	14.361	164.370			
TOTAL STATE	399.212	4860.827			

* 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 23 Hrs
MSPGCL Thermal	6546	6191	6721	6742
MSPGCL Hydro	333	167	485	295
MSPGCL Gas	180	173	185	189
MSPGCL Total Generation	7059	6531	7391	7226
Central Sector Receipt	8793	9003	7832	6905
WIND	540	373	292	258
CPP / IPP Thermal	7457	7401	7023	7077
CPP / IPP Gas	0	0	0	0
SOLAR	1997	1662	0	0
Exchange with Mumbai	-1713	-1804	-1397	-1477
MSEDCL DEMAND MET	23707	22752	20700	19565
Load Shedding	0	0	0	0
MSEDCL DEMAND	23707	22752	20700	19565
TPCL GENERATION	490	487	684	651
AEML GENERATION	361	326	495	490
MUMBAI DEMAND	2564	2617	2576	2618
OTHER DISCOM DEMAND	427	414	442	424
STATE DEMAND MET	26697	25783	23717	22607
STATE DEMAND	26697	25783	23717	22607
Frequency (Hz)	49.94	49.93	49.97	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.26 Hz at 17.03 Hrs	49.72 Hz at 06.48 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 12/Mar/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.87	55.33	205	195
Unit 8	13.65	161.29	660	479
Unit 9	14.42	159.88	652	558
Unit 10	0.00	102.93	0	0
Total	32.94	479.43		
Bhusawal				
Unit 3	3.56	39.79	170	120
Unit 4	10.98	114.65	495	285
Unit 5	11.07	122.11	495	280
Total	25.60	276.55		
Parli				
Unit 6	5.34	55.10	250	151
Unit 7	5.27	54.12	248	144
Unit 8	3.92	40.77	187	138
Total	14.53	149.99		
Chandrapur				
Unit 3	3.76	43.12	172	130
Unit 4	3.33	38.84	152	117
Unit 5	0.00	41.03	0	0
Unit 6	8.88	101.60	390	330
Unit 7	9.09	99.46	415	302
Unit 8	11.68	128.52	506	361
Unit 9	11.70	130.74	500	456
Total	48.44	583.33		
Paras				
Unit 3	5.11	58.80	221	203
Unit 4	5.41	63.49	231	220
Total	10.52	122.29		
Khaparkheda				
Unit 1	2.66	33.24	120	95
Unit 2	3.19	37.44	146	114
Unit 3	0.00	41.51	0	0
Unit 4	4.34	46.73	193	126
Unit 5	11.45	122.77	495	455
Total	21.65	281.69		
Nasik				
Unit 3	0.00	0.97	0	0
Unit 4	3.19	33.17	174	0
Unit 5	3.82	41.90	170	121
Total	7.01	76.04		
Uran				
All Units	4.42	50.04	191	173
Total	4.42	50.04		
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)	0.17	1.55	43	0
Total	0.17	1.55		
Koyna				
Stage 1-2	1.60	26.26	215	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.26	17.92	215	0
Stage 3	0.33	9.62	80	0
Total	2.20	53.81		
Hydro				
KDPH	0.86	9.92	36	36
VTRNA	1.20	12.31	61	0
TILLARI	0.44	1.77	58	0
BHIRA T.R.	0.12	1.55	40	0
SMLHY_PTN	2.18	24.38	100	85
GHATGHAR	0.00	0.00	0	0
Total	4.80	49.92		
Wind				
Total	9.71	139.88	0	0
Total	9.71	139.88		
CPP				
APML(Mus)	71.26	821.09	0	0
JSWEL(Mus)	26.05	302.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.25	357.74	0	0
SWPGPL-Mus	10.34	120.74	0	0
Dhariwal	6.05	71.63	272	239
IEPL	4.72	60.89	207	195
Other(Mus)	28.54	372.19	0	0
Total	178.21	2106.76		
SOLAR				
Total	14.36	164.37	0	0
Total	14.36	164.37		
Tata				
Trombay 5	6.42	86.36	270	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.73	18.02	108	43
Trombay 7B	1.25	12.82	65	39
TATA Hydro	1.31	31.65	153	4
Trombay 8	3.19	44.31	149	131
Total	13.89	193.16		
AEML				
DTPS U-1&2	10.78	132.02	501	313
Total	10.78	132.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.69	1969.31	MSPGCL Total	172.27	2124.63
			MSPGCL Thml+Gas	165.10	2019.35	Koyna 1,2 & 4 Total	1.86	44.19
			MSPGCL Hydro	7.16	105.28	State Total	399.21	4860.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Mar/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	6811	349	191	7351	293	7711	0	0	6934	6828	-1413	20392	0	20392	2517	379	23287	49.90
2	6865	386	189	7440	321	7671	0	0	7026	7388	-1335	21128	0	21128	2386	357	23871	49.97
3	6893	221	188	7302	424	7646	0	0	7195	7030	-1241	20822	0	20822	2262	339	23423	49.99
4	6925	217	186	7328	521	7572	0	0	7276	6905	-1163	20837	0	20837	2157	327	23320	50.00
5	6970	216	188	7374	651	7729	0	0	6979	6980	-1123	21268	0	21268	2106	343	23717	49.98
6	6961	436	187	7584	648	7738	0	0	6878	6958	-1079	21474	0	21474	2143	375	23992	50.01
7	6975	269	186	7430	621	7800	0	21	7184	7282	-995	21759	0	21759	2137	400	24296	50.04
8	6985	298	186	7469	533	7773	0	276	7310	7427	-1008	22045	0	22045	2142	425	24612	50.04
9	6670	332	191	7193	348	7515	0	830	7594	7566	-1198	21832	0	21832	2235	422	24489	50.01
10	6685	365	188	7238	258	7466	0	1415	7829	7958	-1397	22511	0	22511	2376	426	25314	49.96
11	6863	367	182	7412	352	7465	0	1898	8443	8298	-1562	23433	0	23433	2514	430	26377	50.04
12	6546	333	180	7059	540	7457	0	1997	8886	8793	-1713	23707	0	23707	2564	427	26697	49.94
13	6118	245	173	6536	558	7410	0	2008	8896	8415	-1768	22738	0	22738	2583	421	25742	49.95
14	5802	168	174	6144	463	7410	0	1869	8758	8918	-1745	22651	0	22651	2550	408	25609	50.01
15	6191	167	173	6531	373	7401	0	1662	8795	9003	-1804	22752	0	22752	2617	414	25783	49.93
16	6646	196	178	7020	445	7481	0	1304	8478	8587	-1805	22598	0	22598	2632	434	25664	49.97
17	6725	271	179	7175	382	7514	0	784	7952	7754	-1573	21592	0	21592	2570	443	24606	50.04
18	6624	291	180	7095	279	7286	0	276	7629	7355	-1281	20565	0	20565	2465	444	23474	50.03
19	6711	332	181	7224	287	6973	0	21	7398	7723	-1313	20462	0	20462	2489	453	23404	49.96
20	6721	485	185	7391	292	7023	0	0	7771	7832	-1397	20700	0	20700	2576	442	23717	49.97
21	6803	305	186	7294	258	7016	0	0	7032	7096	-1435	19804	0	19804	2572	425	22801	49.96
22	6778	333	187	7298	260	7003	0	0	7000	6771	-1439	19466	0	19466	2585	427	22478	49.93
23	6742	295	189	7226	258	7077	0	0	6903	6905	-1477	19565	0	19565	2618	424	22607	49.93
24	6680	287	188	7155	341	7070	0	0	6907	6945	-1556	19545	0	19545	2693	410	22648	50.02
MUs	160.69	7.16	4.41	172.27	9.71	178.21	0.00	14.36	183.05	182.72	-33.82	513.64	0.00	513.64	58.49	9.80	581.93	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.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Mar/2023

Position as on 6.30 Hrs of 13/Mar/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 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	07/04/2023
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	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.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
MSPGCL	Koradi Unit-10	660	09/03/2023	11:11		Continued.	Boiler Tube Leakage	14/03/2023
MSPGCL	Nasik Unit 4	210	09/03/2023	15:55	12/03/2023	01:55	FD Fan Problem.	11/03/2023
MSPGCL	Nasik Unit 3	210	10/03/2023	15:22		Continued.	Axial shift high	17/03/2023
MSPGCL	Uran Unit B0	120	11/03/2023	09:02		Continued.	Bearing vibration high	25/03/2023
MSPGCL	Khaparkheda Unit 3	210	11/03/2023	20:07	13/03/2023	04:43	Boiler Tube Leakage	14/03/2023
MSPGCL	Chandrapur Unit 5	500	11/03/2023	23:36	13/03/2023	10:14	PA Fan problem	13/03/2023
IPP	Adani U-2	660	12/03/2023	18:02		Continued.	turbine left hand side MS drain leakage	15/03/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
PADGHE - NAGOTHANE CKT - 1	IntraState	09/03/2023	09:30			PO	CB replacement work
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	12/03/2023	11:31	12/03/2023	16:59	PO	Spacer replacement work
BABHALESHWAR - PADGHE CKT - 2	IntraState	12/03/2023	18:04	12/03/2023	23:10	EO	1) To attend the Hot Spot on Rph CT 149 deg , Yph CT 102 deg , Bph CT 92 deg . 2) Repair/replacement of Rph jumper between CT to gantry as conductor strand found broken .
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.
400/220/33 KV 315MVA ICT - 2 @ AKOLA	IntraState	12/03/2023	10:40	12/03/2023	18:17	PO	The erection work 220kv D- type tower.
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	13/03/2023	06:46			PO	For testing of OLTC Buccholz.
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	12/03/2023	09:49	12/03/2023	22:05	PO	Bay Maintenance Work & Line Maintenance Work
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
CTRLS - NET MAGIC GIS	IntraState	07/03/2023	12:43			T	Distance Protection.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	09/03/2023	15:27	12/03/2023	06:05	HT	H/T Due to load management.
CHIKHALI-JALNA I	IntraState	12/03/2023	07:06	12/03/2023	18:35	PO	To Facilitate Outage on 400kv Akola ICT
CHIKHALI-JALNA II	IntraState	12/03/2023	07:06	12/03/2023	18:35	PO	To Facilitate Outage on 400kv Akola ICT
BADNERA - NANDGAON PETH	IntraState	12/03/2023	07:32	12/03/2023	18:24	PO	To Facilitate Outage on 400kv Akola ICT
BADNERA - AMRAVATI	IntraState	12/03/2023	07:32	12/03/2023	18:24	PO	To Facilitate Outage on 400kv Akola ICT
MAIN BUS - 1 @ BOISAR II	IntraState	12/03/2023	08:38	12/03/2023	16:21	PO	Bus Isolator R/M & other R/M Work.
BUS SECTION - 2 @ TROMBAY	IntraState	12/03/2023	09:25	12/03/2023	14:33	PO	1) Main Bus R ph Conductor binding work. & 2) Bus Section bay maintenance work.
BOISAR - VERSOVA	IntraState	12/03/2023	10:43	12/03/2023	12:08	HT	220kV A Bus Isolator maintenance during 220kV A Bus outage dt 12.03.2023.
KALWA - AIROLI KNOWLEDGE PARK	IntraState	12/03/2023	14:41	12/03/2023	17:36	PO	1] Diagnostic testing CT Tan Delta 2] Aux. Isolator maintenance work and 3] R & M work at 220KV AKP S/Stn.
TROMBAY MSETCL TIE - 1	IntraState	12/03/2023	15:56	12/03/2023	20:59	PO	Attending gas leakage from A phase pole at Trombay MSETCL end.
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
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/03/2023	11:09			EO	Replacement of Diverter shaft

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	12/03/2023	12:20	12/03/2023	15:35	T	Cable Diff. Protection
220/132 KV 100 MVA ICT 2 @ LONIKAND 2	IntraState	12/03/2023	12:20	12/03/2023	12:43	T	Tripped on Overload
110 KV LINE Outages/Trippings							
DHARAVI VIKHROLI	IntraState	10/02/2023	23:17			PO	for 400KV Project work of KVPTL
DHARAVI POWAI	IntraState	10/02/2023	23:35			PO	For 400KV project work on KVPTL
KHOPOLI - DAVDI	IntraState	10/03/2023	08:46			PO	Breaker O/H

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