

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Mar/2023 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.641	3463.803	1) Gujrat	1.763	59.695
2) Hydro	9.276	239.703	2) Madhya Pradesh	7.274	117.508
3) Gas	2.720	86.680	3) Chattisgarh	5.880	95.650
Total MSPGCL	167.637	3790.186	4) Maharashtra	160.799	3619.052
B) 1) APLM	71.316	1485.817	5) Goa (Amona)	-1.254	-34.818
2) JSWEL	20.036	539.130	Total	174.462	3857.087
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.372	683.187
4) RPL(AMT)	31.171	667.072	b) Mumbai Drawl	34.053	804.824
5) SWPGPL	9.347	219.490	c) MSEDCL Bilateral *	89.993	1868.481
6) Other IPP	31.603	859.580	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.372	683.187
C) 1) TPCL Thermal	9.652	234.833	Include PX	0.000	0.000
2) TPCL Hydro	3.519	69.052	Standby	0.000	0.000
3) TPCL Gas	2.000	59.368	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.713	230.814	1) MSEDCL	490.097	10943.680
D) STATE			2) Mumbai Discoms	57.937	1398.891
1) Thermal	337.479	7700.539	3) Other Discoms	10.041	222.250
(A1+C1+C4+(B1-B6))			TOTAL STATE	558.075	12564.821
2) Hydro	12.795	308.755			
(A2+C2)					
3) Gas	4.720	146.048			
(A3+B7+C3)					
4) Wind	13.285	256.582			
6) SOLAR	15.334	295.810			
TOTAL STATE	383.613	8707.734			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6555	6235	6715	6313
MSPGCL Hydro	253	188	481	291
MSPGCL Gas	112	113	111	114
MSPGCL Total Generation	6920	6536	7307	6718
Central Sector Receipt	8968	8593	6671	6435
WIND	229	325	693	658
CPP / IPP Thermal	6747	6763	7030	6805
CPP / IPP Gas	0	0	0	0
SOLAR	2173	2117	0	0
Exchange with Mumbai	-1848	-1773	-1416	-1167
MSEDCL DEMAND MET	22729	22125	19831	19118
Load Shedding	0	0	0	0
MSEDCL DEMAND	22729	22125	19831	19118
TPCL GENERATION	645	646	770	511
AEML GENERATION	292	311	490	303
MUMBAI DEMAND	2785	2730	2676	1981
OTHER DISCOM DEMAND	460	436	454	331
STATE DEMAND MET	25974	25291	22961	21430
STATE DEMAND	25974	25291	22961	21430
Frequency (Hz)	50.03	50.05	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.32 Hz at 13.04 Hrs	49.67 Hz at 08.34 Hrs	49.99	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 22/Mar/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.76	99.08	205	185
Unit 8	8.73	192.71	554	0
Unit 9	14.49	295.19	621	575
Unit 10	13.15	177.20	577	498
Total	41.13	764.19		
Bhusawal				
Unit 3	2.98	71.60	150	115
Unit 4	8.60	207.48	470	275
Unit 5	8.40	218.00	475	275
Total	19.98	497.08		
Parli				
Unit 6	3.99	100.75	250	144
Unit 7	3.92	98.77	248	144
Unit 8	3.50	77.34	168	139
Total	11.41	276.86		
Chandrapur				
Unit 3	3.11	76.71	155	120
Unit 4	2.99	70.37	145	116
Unit 5	0.00	90.01	0	0
Unit 6	8.62	189.20	400	337
Unit 7	7.65	182.66	412	295
Unit 8	10.12	233.21	495	282
Unit 9	10.20	201.64	500	295
Total	42.70	1043.79		
Paras				
Unit 3	5.13	100.81	242	150
Unit 4	5.40	115.02	243	149
Total	10.53	215.82		
Khaparkheda				
Unit 1	2.33	59.45	110	75
Unit 2	2.82	66.36	137	100
Unit 3	3.53	78.28	185	129
Unit 4	3.50	84.29	190	128
Unit 5	10.81	230.37	500	310
Total	23.00	518.75		
Nasik				
Unit 3	0.00	0.97	0	0
Unit 4	3.62	69.52	175	125
Unit 5	3.28	76.81	163	110
Total	6.90	147.30		
Uran				
All Units	2.72	86.68	122	109
Total	2.72	86.68		
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)	0.22	2.78	42	0
Total	0.22	2.78		
Koyna				
Stage 1-2	2.22	56.72	335	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.22	54.02	598	0
Stage 3	0.42	24.02	160	0
Total	3.85	134.77		
Hydro				
KDPH	0.86	18.56	36	36
VTRNA	1.20	24.00	61	0
TILLARI	0.46	6.38	58	0
BHIRA T.R.	0.00	2.71	0	0
SMLHY_PTN	2.68	50.51	117	105
GHATGHAR	0.00	0.00	0	0
Total	5.20	102.16		
Wind				
Total	13.28	256.58	0	0
Total	13.28	256.58		
CPP				
APML(Mus)	71.32	1485.82	0	0
JSWEL(Mus)	20.04	539.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.17	667.07	0	0
SWPGPL-Mus	9.35	219.49	0	0
Dhariwal	5.93	131.64	271	236
IEPL	5.03	109.26	268	195
Other(Mus)	20.65	618.68	0	0
Total	163.47	3771.09		
SOLAR				
Total	15.33	295.81	0	0
Total	15.33	295.81		
Tata				
Trombay 5	6.45	155.85	270	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.06	34.74	45	43
Trombay 7B	0.94	24.63	40	39
TATA Hydro	3.52	69.05	289	10
Trombay 8	3.20	78.98	136	131
Total	15.17	363.25		
AEML				
DTPS U-1&2	8.71	230.81	500	292
Total	8.71	230.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.64	3463.80	MSPGCL Total	167.64	3790.19
			MSPGCL Thml+Gas	158.36	3550.48	Koyna 1,2 & 4 Total	3.44	110.75
			MSPGCL Hydro	9.28	239.70	State Total	383.61	8707.73

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	6067	258	122	6447	579	6828	0	0	6748	6739	-1385	18826	0	18826	2256	382	21464	50.01
2	6075	391	117	6583	598	6821	0	0	6600	6802	-1277	19165	0	19165	2097	362	21624	49.95
3	6313	291	114	6718	658	6805	0	0	6538	6435	-1167	19118	0	19118	1981	331	21430	49.98
4	6322	348	113	6783	588	6772	0	0	6462	6693	-1110	19396	0	19396	1909	330	21635	50.01
5	6763	391	115	7269	537	6792	0	0	6520	6778	-1095	19917	0	19917	1899	364	22180	49.97
6	7001	731	114	7846	488	6796	0	0	6916	7136	-1140	20741	0	20741	1963	385	23089	49.95
7	7118	1232	112	8462	516	6797	0	32	7076	7170	-1057	21511	0	21511	2047	409	23967	49.96
8	7172	630	114	7916	423	6773	0	384	7513	7396	-1112	21365	0	21365	2171	415	23951	49.98
9	7000	689	115	7804	255	6695	0	1017	7460	7597	-1375	21561	0	21561	2386	432	24379	49.92
10	7056	344	115	7515	326	6732	0	1616	7929	7958	-1657	22048	0	22048	2601	442	25091	49.98
11	6563	247	113	6923	253	6766	0	2039	8679	8787	-1796	22510	0	22510	2748	462	25720	50.04
12	6555	253	112	6920	229	6747	0	2173	8833	8968	-1848	22729	0	22729	2785	460	25974	50.03
13	6235	188	113	6536	325	6763	0	2117	8696	8593	-1773	22125	0	22125	2730	436	25291	50.05
14	5860	193	114	6167	446	6720	0	1892	8437	8397	-1673	21514	0	21514	2620	435	24569	50.15
15	6003	191	115	6309	692	6777	0	1663	8198	8410	-1674	21730	0	21730	2620	447	24797	49.98
16	6013	191	114	6318	670	6778	0	1221	8093	8116	-1643	21012	0	21012	2630	448	24090	49.98
17	6300	357	109	6766	823	6776	0	823	7265	7812	-1617	20943	0	20943	2620	440	24003	49.97
18	6671	334	112	7117	881	6836	0	341	7144	6514	-1531	19693	0	19693	2606	465	22764	50.01
19	6366	341	112	6819	808	6933	0	16	6730	6516	-1371	19256	0	19256	2619	465	22340	50.02
20	6715	481	111	7307	693	7030	0	0	6640	6671	-1416	19831	0	19831	2676	454	22961	49.96
21	6673	277	111	7061	786	6999	0	0	6401	6023	-1365	19061	0	19061	2619	443	22123	49.99
22	5959	298	111	6368	692	6877	0	0	6323	6419	-1251	18673	0	18673	2516	432	21621	49.96
23	6268	373	112	6753	496	6837	0	0	6324	6303	-1318	18661	0	18661	2448	410	21519	49.97
24	6573	247	110	6930	523	6823	0	0	6509	6229	-1402	18710	0	18710	2390	393	21493	49.90
MUs	155.64	9.28	2.72	167.64	13.28	163.47	0.00	15.33	174.03	174.46	-34.05	490.10	0.00	490.10	57.94	10.04	558.07	49.99

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 22/Mar/2023

Position as on 6.30 Hrs of 23/Mar/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U1	300	19/03/2023	17:29		Continued.	Zero 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.	01/04/2024
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.	01/05/2024
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	Nasik Unit 3	210	10/03/2023	15:22	23/03/2023	00:34	Axial shift high	23/03/2023
MSPGCL	Uran Unit 6	108	18/03/2023	12:44		Continued.	ZERO SCHEDULE.	
MSPGCL	Chandrapur Unit 5	500	19/03/2023	11:15	23/03/2023	02:53	Drum Door Leakage Attending work	22/03/2023
MSPGCL	Koradi Unit 8	660	22/03/2023	00:58	22/03/2023	05:08	WDC VALVE INOPERATIVE.	
MSPGCL	Nasik Unit 5	210	23/03/2023	03:10		Continued.	Withdrawn due to changer from Unit3 to 5	
MSPGCL	Uran Unit B0	120	23/03/2023	06:36		Continued.	Bearing vibration high	23/03/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 23/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500 MVA ICT-2 @ KORADI 3	IntraState	22/03/2023	09:07	22/03/2023	19:19	PO	Annual Maintenance of ICT-2
400 KV TIEBAY Outages/Trippings							
TIE BAY 418 OF YELWAN CKT - 2 @ AKOLA	IntraState	22/03/2023	12:40	22/03/2023	22:15	PO	1. For CTR Trails 2. REF stability and trials by testing team 3. Charging of new ICT-3
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 419 OF 400/200KV 500MVA ICT III	IntraState	22/03/2023	12:40	22/03/2023	21:58	PO	1. For CTR Trails 2. REF stability and trials by testing team 3. Charging of new ICT-3
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
PADGHE - NAGOTHANE CKT - 2	IntraState	20/03/2023	10:07			PO	CB replacement work
MAIN BUS - 1 @ LAMBOTI	IntraState	22/03/2023	10:28	22/03/2023	14:58	PO	Routine Maintenance activities
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	22/03/2023	08:21	22/03/2023	19:08	PO	1.Dismantling of existing ICT-2 LV bay and reorientation to new 220KV bay through new D type tower 2. Removing of control cables from existing breaker, CT, Isolator and shifting to new bay MB 3. 220KV bus bar out, CT injection , stability and trials by testing team
400/220/33 KV 315 MVA ICT - 2 @ KOLHAPUR	IntraState	22/03/2023	17:23	22/03/2023	17:35	EO	For removing of plastic paper stuck on Bph LV LA at 400 kV Talandge.
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	23/03/2023	01:08	23/03/2023	02:15	HT	Emergency outage for attending OLTC buchholz Y-ph trip alarm.
400 KV BUSBAR Outages/Trippings							
MAIN BUS - 1 @ DHARIWAL	IntraState	18/03/2023	10:28			PO	STU CTU bus connection as per CERC order
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 - 5	IntraState	21/03/2023	23:05	22/03/2023	06:55	PO	Third Party Work - Diversion of Line at Sejal Shakti Project site
TROMBAY - SALSETTE CKT - 1	IntraState	21/03/2023	23:05	22/03/2023	07:10	PO	Third Party Work - Diversion of Line at Sejal Shakti Project site
VERSOVA - GHODBUNDER	IntraState	22/03/2023	00:40	22/03/2023	04:43		MMRDA Project Work (Metro Line 2 : Dahisar to MiraBhayander) : erection of Pier cap and 2U2 Girders.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 23/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KANHAN-SURYALAKSHMI	IntraState	22/03/2023	03:13	22/03/2023	11:18	PO	FOR 1)CONVERSION OF SINGLE CONDUCTOR JUMPERS INTO TWIN CONDUCTOR JUMPERS AT BOTH ENDS. 2)220KV BUS SECTION ISOLATOR OF KANHAN BAY SIDE WILL BE OPENED FOR JUMPERING WORK FROM 220KV MAIN BUS TO BUS ISOLATOR AT SURYALAXMI END.3)JUMPERING FOR LINE SIDE WILL BE CARRIED OUT AT KANHAN END.
CHIKHALI-JALNA I	IntraState	22/03/2023	07:53	22/03/2023	19:53	HT	For Outage On 400Kv Akola ICT 2
CHIKHALI-JALNA II	IntraState	22/03/2023	07:57	22/03/2023	19:52	HT	For Outage On 400Kv Akola ICT 2
TEMGHAR - KALWA	IntraState	22/03/2023	10:04	22/03/2023	14:01	EO	Hot spot Attending work at Bph Bus isoator bus side jaw (159 degree) after shifting the line on TBC.
WARDHA-YEOTMAL	IntraState	22/03/2023	10:53	22/03/2023	15:35	PO	FOR DIAGNOSTIC TESTING WORK (TAN DELTA OF CT & CC AND CRM & TIMING OF CB, IR MEASUREMENT OF CT,CC,LA,CB).
LAMBOTI - PANDHARPUR	IntraState	22/03/2023	14:40	22/03/2023	15:55	HT	abnormal sound observed on CC at Lamboti end, hence CC is bypassed
PADGHE - TEMGHAR - 2	IntraState	22/03/2023	15:23	22/03/2023	18:55	EO	Shifting of 220kv Padghe - Temghar - 2 line on TBC for attending hotspot between T joint of A & B Bus Isolator by replacing twin conductor
CREEK SIDE BUS @ KALWA	IntraState	22/03/2023	22:08	23/03/2023	07:22	PO	Jumpering between 220kv Main Bus to Main Bus Side Isolator of Kalwa - Salsette-5 Line work by Tata.
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
220/132 KV 100 MVA ICT I	IntraState	22/03/2023	11:07	22/03/2023	16:26	PO	To Attend SF6 Gas Leakage From 220/132 KV 100MVA ICT 1-LV CB (132KV CB, Alstom Make)
220 KV BUSBAR Outages/Trippings							
GIS BUS - 2 @ SALSETTE	IntraState	22/03/2023	04:49			PO	KS # 5 New Bay connection to GIS BUS
BUSBAR PROTECTION @ BABHALESHWAR	IntraState	22/03/2023	09:10	22/03/2023	19:36	PO	UFR relay testing outage not required
132 KV MAINBAY Outages/Trippings							
132KV DHARANGAON -RAILWAY TSS CKT 2	IntraState	22/03/2023	12:05	22/03/2023	13:50	PO	Work AT Railway TSS.
132KV DHARANGAON TSS CKT 2	IntraState	22/03/2023	13:57	22/03/2023	16:00	PO	For Testing Work At 132Kv TSS End.
132 KV ICT Outages/Trippings							
132/33 KV 25 MVA PTR 1	IntraState	22/03/2023	13:55	22/03/2023	21:13	T	R PH LA BLAST
110 KV LINE Outages/Trippings							
WAGHIVALI - MANKHURD	IntraState	21/03/2023	23:15	22/03/2023	05:07	PO	Project work- work in vicinity of line for Installation of tie beams by using crane at tower location 80 N

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