

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2023 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.614	3629.417	1) Gujrat	1.908	61.603
2) Hydro	7.654	247.357	2) Madhya Pradesh	8.246	125.754
3) Gas	2.537	89.217	3) Chattisgarh	5.630	101.280
Total MSPGCL	175.805	3965.991	4) Maharashtra	165.590	3784.642
B) 1) APML	72.950	1558.767	5) Goa (Amona)	-1.304	-36.122
2) JSWEL	20.035	559.165	Total	180.070	4037.157
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.655	714.842
4) RPL(AMT)	31.012	698.084	b) Mumbai Drawl	35.890	840.714
5) SWPGPL	9.285	228.775	c) MSEDCL Bilateral *	93.669	1962.149
6) Other IPP	30.674	890.254	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.655	714.842
C) 1) TPCL Thermal	10.199	245.032	Include PX	0.000	0.000
2) TPCL Hydro	4.269	73.321	Standby	0.000	0.000
3) TPCL Gas	2.289	61.657	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.109	240.923	1) MSEDCL	502.294	11445.974
D) STATE			2) Mumbai Discoms	62.756	1461.647
1) Thermal	349.878	8050.417	3) Other Discoms	10.256	232.506
(A1+C1+C4+(B1-B6))			TOTAL STATE	575.306	13140.127
2) Hydro (A2+C2)	11.923	320.678			
3) Gas (A3+B7+C3)	4.826	150.874			
4) Wind	12.347	268.929			
6) SOLAR	16.262	312.072			
TOTAL STATE	395.236	9102.970			

* 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 4 Hrs
MSPGCL Thermal	6908	6391	7876	6492
MSPGCL Hydro	186	186	949	249
MSPGCL Gas	115	111	109	109
MSPGCL Total Generation	7209	6688	8934	6850
Central Sector Receipt	9149	9064	6995	6248
WIND	243	278	629	613
CPP / IPP Thermal	6847	6845	6924	6828
CPP / IPP Gas	0	0	0	0
SOLAR	2182	2047	0	0
Exchange with Mumbai	-1873	-1826	-1372	-1129
MSEDCL DEMAND MET	23301	22630	21649	19083
Load Shedding	0	0	0	0
MSEDCL DEMAND	23301	22630	21649	19083
TPCL GENERATION	809	806	1041	492
AEML GENERATION	485	495	452	303
MUMBAI DEMAND	3167	3127	2865	1924
OTHER DISCOM DEMAND	456	466	461	327
STATE DEMAND MET	26924	26223	24975	21334
STATE DEMAND	26924	26223	24975	21334
Frequency (Hz)	50.00	49.97	50.05	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.35 Hz at 18:02 Hrs	49.67 Hz at 05:48 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 23/Mar/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.75	103.84	205	180
Unit 8	12.93	205.64	565	522
Unit 9	14.15	309.34	620	549
Unit 10	13.46	190.66	595	480
Total	45.29	809.48		
Bhusawal				
Unit 3	3.00	74.60	145	115
Unit 4	8.15	215.64	460	275
Unit 5	8.48	226.48	500	280
Total	19.63	516.72		
Parli				
Unit 6	3.70	104.46	244	145
Unit 7	3.78	102.55	245	144
Unit 8	3.24	80.58	177	118
Total	10.72	287.59		
Chandrapur				
Unit 3	3.15	79.87	165	123
Unit 4	3.06	73.43	149	119
Unit 5	6.10	96.11	380	0
Unit 6	8.51	197.70	390	335
Unit 7	7.61	190.27	429	289
Unit 8	10.47	243.68	495	293
Unit 9	10.24	211.87	500	280
Total	49.13	1092.93		
Paras				
Unit 3	5.33	106.13	235	156
Unit 4	5.48	120.50	248	163
Total	10.81	226.63		
Khaparkheda				
Unit 1	2.45	61.90	120	60
Unit 2	2.70	69.05	128	95
Unit 3	3.46	81.74	179	129
Unit 4	3.44	87.73	177	127
Unit 5	10.92	241.29	495	300
Total	22.97	541.72		
Nasik				
Unit 3	3.11	4.08	171	20
Unit 4	3.59	73.11	176	123
Unit 5	0.36	77.17	120	0
Total	7.06	154.36		
Uran				
All Units	2.54	89.22	115	84
Total	2.54	89.22		
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)	0.16	2.93	45	0
Total	0.16	2.93		
Koyna				
Stage 1-2	1.48	58.20	205	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.24	54.26	238	0
Stage 3	0.37	24.39	142	0
Total	2.09	136.86		
Hydro				
KDPH	0.86	19.42	36	36
VTRNA	1.13	25.13	61	0
TILLARI	0.46	6.84	58	0
BHIRA T.R.	0.30	3.01	80	0
SMLHY_PTN	2.65	53.16	113	105
GHATGHAR	0.00	0.00	0	0
Total	5.41	107.57		
Wind				
Total	12.35	268.93	0	0
Total	12.35	268.93		
CPP				
APML(Mus)	72.95	1558.77	0	0
JSWEL(Mus)	20.04	559.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.01	698.08	0	0
SWPGPL-Mus	9.28	228.78	0	0
Dhariwal	5.85	137.49	270	222
IEPL	5.04	114.30	269	196
Other(Mus)	19.78	638.46	0	0
Total	163.96	3935.04		
SOLAR				
Total	16.26	312.07	0	0
Total	16.26	312.07		
Tata				
Trombay 5	6.80	162.65	369	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.27	36.00	108	43
Trombay 7B	1.02	25.65	65	39
TATA Hydro	4.27	73.32	379	6
Trombay 8	3.40	82.38	198	131
Total	16.76	380.01		
AEML				
DTPS U-1&2	10.11	240.92	495	301
Total	10.11	240.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.61	3629.42	MSPGCL Total	175.80	3965.99
			MSPGCL Thml+Gas	168.15	3718.63	Koyna 1,2 & 4 Total	1.72	112.47
			MSPGCL Hydro	7.65	247.36	State Total	395.24	9102.97

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	6553	268	109	6930	546	6798	0	0	6424	6334	-1358	18873	0	18873	2272	377	21522	49.94
2	6580	248	107	6935	475	6838	0	0	6356	6275	-1244	18929	0	18929	2122	350	21401	49.95
3	6539	248	109	6896	506	6815	0	0	6325	6311	-1155	19052	0	19052	1998	321	21371	49.97
4	6492	249	109	6850	613	6828	0	0	6436	6248	-1129	19083	0	19083	1924	327	21334	49.98
5	6539	278	108	6925	649	6855	0	0	6580	6440	-1112	19424	0	19424	1905	333	21662	49.87
6	6918	347	107	7372	758	6858	0	0	6754	6933	-1046	20516	0	20516	1998	359	22873	49.87
7	7392	477	90	7959	698	6849	0	21	7303	7356	-1054	21419	0	21419	2145	410	23974	49.94
8	7572	472	85	8129	659	6857	0	417	7580	7580	-1179	22029	0	22029	2333	434	24796	50.05
9	6793	358	84	7235	607	6848	0	1080	7998	8191	-1556	21947	0	21947	2629	458	25034	50.03
10	6595	258	84	6937	366	6848	0	1700	8280	8542	-1821	22101	0	22101	2923	471	25495	50.02
11	6833	321	109	7263	273	6851	0	2022	8755	8913	-1866	22979	0	22979	3120	477	26576	50.01
12	6908	186	115	7209	243	6847	0	2182	9130	9149	-1873	23301	0	23301	3167	456	26924	50.00
13	6391	186	111	6688	278	6845	0	2047	9276	9064	-1826	22630	0	22630	3127	466	26223	49.97
14	6167	190	112	6469	292	6845	0	1989	8952	8879	-1873	22151	0	22151	2978	450	25579	50.01
15	6471	311	112	6894	380	6844	0	1843	8850	8737	-1993	22250	0	22250	3009	455	25714	49.90
16	6826	216	111	7153	435	6803	0	1494	8837	8673	-2042	22058	0	22058	3044	458	25560	49.97
17	7040	256	109	7405	510	6778	0	1052	8398	8088	-1909	21449	0	21449	3035	475	24959	50.01
18	6996	349	110	7455	595	6860	0	395	8014	7756	-1770	20808	0	20808	2976	483	24267	49.99
19	7439	410	108	7957	556	6923	0	20	7037	6865	-1507	20343	0	20343	2882	471	23696	50.04
20	7876	949	109	8934	629	6924	0	0	6734	6995	-1372	21649	0	21649	2865	461	24975	50.05
21	7551	340	110	8001	660	6888	0	0	6533	6417	-1348	20165	0	20165	2746	453	23364	50.04
22	7167	247	110	7524	602	6772	0	0	6614	6640	-1293	19795	0	19795	2605	450	22850	50.00
23	7128	245	109	7482	543	6686	0	0	6681	6618	-1241	19644	0	19644	2511	444	22599	49.94
24	6848	245	110	7203	474	6696	0	0	6975	7066	-1323	19698	0	19698	2442	418	22558	49.98
MUs	165.61	7.65	2.54	175.81	12.35	163.96	0.00	16.26	180.82	180.07	-35.89	502.29	0.00	502.29	62.76	10.26	575.31	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 23/Mar/2023

Position as on 6.30 Hrs of 24/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 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
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	Nasik Unit 5	210	23/03/2023	03:10		Continued.	Withdrawn due to changer from Unit3 to 5	27/03/2023
MSPGCL	Uran Unit B0	120	23/03/2023	06:36	23/03/2023	09:58	Bearing vibration high	23/03/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
MAIN BAY (436) OF 500 MVA 400/220 KV ICT - 2 @ CHANDRAPUR 2	IntraState	23/03/2023	09:39	23/03/2023	14:21	PO	Diagnostic testing & allied bay maintenance work
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
DHULE - SSNNL CKT - 1	InterState	23/03/2023	09:31	23/03/2023	17:32	HT	EMERGENCY OUTAGE AVAILED AT SSNNL END TO ATTEND FUALTY TRIP COIL CHECKING WORK
PADGHE - BOISAR (PG)	InterState	23/03/2023	11:00	23/03/2023	21:14	HT	B PHASE L.A AND MAIN-1 RELAY REPLACEMENT WORK BY POWERGRID AT PADGHE S/S.
PADGHE - NAGOTHANE CKT - 2	IntraState	20/03/2023	10:07			PO	CB replacement work
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	23/03/2023	08:11	23/03/2023	22:50	HT	for load management
PARLI - KARJAT CKT - 2	IntraState	23/03/2023	23:02	24/03/2023	05:22	PO	String replacement hardware tightening cold line washing
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 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	23/03/2023	01:08	23/03/2023	02:15	HT	Emergency outage for attending OLTG buchholz Y-ph trip alarm.
400/220/33 KV 500MVA ICT - 1 @ KHAPARKHEDA	IntraState	23/03/2023	09:43	23/03/2023	18:43	PO	Application of HV insulation coating on tertiary side equipments by external agency.
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 MAINBAY Outages/Trippings							
MAIN BUS @ BARAMATI	IntraState	23/03/2023	10:15	23/03/2023	19:50	PO	Jupmering of HV bushing to 220KV Bus by hot line gang of hybrid pass switchgear
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
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.
VERSOVA - GHODBUNDER	IntraState	23/03/2023	00:39	23/03/2023	12:24	EO	Outage is required for Safety purpose during U-Girder Erection work by MMRDA under Metro-9 Project near AEML tower No. LS - 275.
220 KV BALAPUR - MALKAPUR LINE	IntraState	23/03/2023	08:07	23/03/2023	10:57	PO	For Tan Delta Of Measurement Of CT.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	23/03/2023	08:32	23/03/2023	22:42	HT	For load management
SALSETTE BORIVLI - 1	IntraState	23/03/2023	09:11	23/03/2023	15:04	PO	Closer inspection
NEW KOYNA - NIWALI	IntraState	23/03/2023	09:15	23/03/2023	20:16	PO	For cold washing of insulator strings.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	23/03/2023	09:35	23/03/2023	15:19	PO	Closer inspection
JNPT - JNPT SEZ	IntraState	23/03/2023	09:35	23/03/2023	16:33	PO	For diagnostic testing work at both end & Attending Bkr Problem at JNPT End.
PUSAD-GHATODI	IntraState	23/03/2023	09:43	23/03/2023	19:58	HT	In view of outage on 220KV Pusad -Deoli ckt.
PUSAD - WARDHA (PG)	IntraState	23/03/2023	09:55	23/03/2023	19:56	PO	For stringing between Loc No 12A to 13 of 220Kv Deoli Ghatodi Line crossing overhead to 220KV Deoli(PGCIL)-Pusad Line and 220kv Deoli(PGCIL)-Bhugaon
PUSAD - WARDHA (PG)	IntraState	23/03/2023	09:55	23/03/2023	19:56		For replacement of 1 No. Faulty insulator string on gantry (R phase -tension), detected in PID.
BHUGAON - WARDHA (PG)	IntraState	23/03/2023	10:16	23/03/2023	18:29		For stringing between Loc No 12A to 13 of 220Kv Deoli Ghatodi Line crossing overhead to 220KV Deoli(PGCIL)-Pusad Line and 220kv Deoli(PGCIL)-Bhugaon
BHUGAON - WARDHA (PG)	IntraState	23/03/2023	10:16	23/03/2023	18:29	PO	to carry out stringing between Loc No. 12A to 13 of 220kv Deoli - Ghatodi�line crossing overhead to 220kv Pusad - Wardha (PG) & 220kv Bhugaon - Wardha (PG) ckt
BARAMATI- KALYANI	IntraState	23/03/2023	10:20	23/03/2023	19:51	PO	Remaining Jumpering of HV Bushing to bus of hybrid pass switchgear (outage taken for clearance purpose)
ONGC PANVEL - TSS PANVEL	IntraState	23/03/2023	10:37	23/03/2023	13:05	PO	Opening of jumper of LILO line on Monopole loc no. 2 for disconnecting the power supply to proposed 220kv Karanjade TSS for trial of SCADA.
JEJURI-PHURSUNGI 1	IntraState	23/03/2023	11:08			PO	CB mechanism overhauling work. Line will be in service through TBC
KALWA - SIEMENS	IntraState	23/03/2023	11:42	23/03/2023	19:51	PO	For Main CB pole Overhauling work after shifting the line on TBC.
SAHARA-URSE	IntraState	23/03/2023	13:40	23/03/2023	21:36	T	TRIPPED ON LTS AS 220KV URSE-TALEGAON AMBI CKT-II TRIPPED AT 13:40HRS
URSE - TALEGAON (AMBI) CKT 2	IntraState	23/03/2023	13:40	23/03/2023	21:31	T	TRIPPED ON DISTANCE PROTECTION
TROMBAY - SALSETTE CKT - 1	IntraState	23/03/2023	22:57	24/03/2023	04:45	PO	Third Party Work - Diversion of Line at Sejal Shakti Project site
TROMBAY DHARAVI - 5	IntraState	23/03/2023	23:01	24/03/2023	05:28	PO	Third Party Work - Diversion of Line at Sejal Shakti Project site
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 50MVA PTR NO 1 @ ALEPHATA	IntraState	23/03/2023	10:08	23/03/2023	20:22	PO	For T/F painting & general maintenance work.
220/33KV 50MVA PTR NO 1 @ BARAMATI	IntraState	23/03/2023	10:10	23/03/2023	19:56	PO	Remaining Jumpering of HV Bushing to bus of hybrid pass switchgear (outage taken for clearance purpose)
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 @ SERUM-220 KV	IntraState	23/03/2023	10:37	23/03/2023	16:44	PO	220 kV Bus Bar Testing work

