

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Feb/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.698	4050.526	1) Gujrat	3.474	-40.678
2) Hydro	19.620	410.108	2) Madhya Pradesh	0.568	91.605
3) Gas	3.104	114.822	3) Chattisgarh	3.620	115.080
Total MSPGCL	181.422	4575.456	4) Maharashtra	162.070	4402.217
B) 1) APML	75.547	1918.529	5) Goa (Amona)	-0.524	-33.218
2) JSWEL	24.423	542.894	Total	169.208	4535.006
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.012	750.592
4) RPL(AMT)	25.477	772.022	b) Mumbai Drawl	32.738	914.371
5) SWPGPL	6.041	204.965	c) MSEDCL Bilateral *	74.506	1868.160
6) Other IPP	46.280	1119.762	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.012	750.140
C) 1) TPCL Thermal	10.796	227.850	Include PX	0.000	0.000
2) TPCL Hydro	2.159	99.265	Standby	0.000	0.452
3) TPCL Gas	0.000	31.445	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.633	263.126	1) MSEDCL	507.724	13149.786
D) STATE			2) Mumbai Discoms	57.326	1536.054
1) Thermal	358.895	9099.674	3) Other Discoms	9.619	258.326
(A1+C1+C4+(B1-B6))			TOTAL STATE	574.669	14944.166
2) Hydro	21.779	509.373			
(A2+C2)					
3) Gas	3.104	146.267			
(A3+B7+C3)					
4) Wind	6.253	243.839			
6) SOLAR	15.430	410.010			
TOTAL STATE	405.461	10409.163			

* 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	6843	6586	6477	6658
MSPGCL Hydro	1505	346	857	351
MSPGCL Gas	134	121	122	125
MSPGCL Total Generation	8482	7053	7456	7134
Central Sector Receipt	7811	9019	7188	5963
WIND	129	99	434	226
CPP / IPP Thermal	7525	6871	7629	7675
CPP / IPP Gas	0	0	0	0
SOLAR	1912	2155	0	0
Exchange with Mumbai	-1571	-1643	-1496	-1521
MSEDCL DEMAND MET	23878	23148	20778	19089
Load Shedding	0	0	0	0
MSEDCL DEMAND	23878	23148	20778	19089
TPCL GENERATION	474	465	625	443
AEML GENERATION	492	488	490	489
MUMBAI DEMAND	2537	2596	2611	2453
OTHER DISCOM DEMAND	410	406	433	388
STATE DEMAND MET	26825	26150	23822	21930
STATE DEMAND	26825	26150	23822	21930
Frequency (Hz)	49.96	50.07	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.29 Hz at 18:02 Hrs	49.76 Hz at 21:05 Hrs	50	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 26/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.54	112.08	205	135
Unit 8	13.68	355.66	602	542
Unit 9	13.33	341.89	600	530
Unit 10	13.01	318.29	556	530
Total	44.56	1127.92		
Bhusawal				
Unit 3	3.57	87.16	155	115
Unit 4	10.78	268.20	480	420
Unit 5	10.80	266.60	480	385
Total	25.16	621.96		
Parli				
Unit 6	0.00	97.35	0	0
Unit 7	5.67	87.97	248	209
Unit 8	0.43	87.55	103	0
Total	6.09	272.87		
Chandrapur				
Unit 3	3.93	94.37	170	135
Unit 4	2.84	78.01	132	113
Unit 5	0.00	76.31	0	0
Unit 6	9.54	225.61	430	320
Unit 7	0.00	0.00	0	0
Unit 8	11.88	295.69	500	480
Unit 9	11.84	211.67	500	483
Total	40.04	981.65		
Paras				
Unit 3	4.50	127.12	230	0
Unit 4	5.58	147.66	248	216
Total	10.08	274.78		
Khaparkheda				
Unit 1	2.84	49.56	125	105
Unit 2	3.38	74.45	149	123
Unit 3	4.35	98.92	186	175
Unit 4	4.32	90.04	189	167
Unit 5	11.35	281.69	495	460
Total	26.24	594.66		
Nasik				
Unit 3	0.00	91.66	0	0
Unit 4	3.86	15.47	176	143
Unit 5	2.67	69.56	172	0
Total	6.53	176.69		
Uran				
All Units	3.10	114.82	141	112
Total	3.10	114.82		
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	9.93	49	0
Total	0.16	9.93		
Koyna				
Stage 1-2	5.62	109.82	495	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	7.04	123.36	757	0
Stage 3	2.87	49.76	320	0
Total	15.53	282.94		
Hydro				
KDPH	0.86	19.04	36	36
VTRNA	0.97	18.00	61	0
TILLARI	0.00	10.29	0	0
BHIRA T.R.	0.16	5.89	40	0
SMLHY_PTN	1.95	59.40	84	77
GHATGHAR	0.00	4.64	0	0
Total	3.94	117.24		
Wind				
Total	6.25	243.84	0	0
Total	6.25	243.84		
CPP				
APML(Mus)	75.55	1918.53	0	0
JSWEL(Mus)	24.42	542.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.48	772.02	0	0
SWPGPL-Mus	6.04	204.96	0	0
Dhariwal	6.18	43.78	276	208
IEPL	5.52	137.80	261	197
Other(Mus)	34.58	938.18	0	0
Total	177.77	4558.17		
SOLAR				
Total	15.43	410.01	0	0
Total	15.43	410.01		
Tata				
Trombay 5	7.10	120.40	424	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	17.51	0	0
Trombay 7B	0.00	13.94	0	0
TATA Hydro	2.16	99.26	223	5
Trombay 8	3.70	107.45	211	132
Total	12.96	358.56		
AEML				
DTPS U-1&2	11.63	263.13	500	390
Total	11.63	263.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.70	4050.53	MSPGCL Total	181.42	4575.46
			MSPGCL Thml+Gas	161.80	4165.35	Koyna 1,2 & 4 Total	12.66	233.18
			MSPGCL Hydro	19.62	410.11	State Total	405.46	10409.16

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Feb/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	6541	1198	138	7877	200	7655	0	0	5652	5857	-1225	19982	0	19982	2354	382	22718	50.01
2	6507	1194	139	7840	341	7648	0	0	5973	6279	-1266	20497	0	20497	2236	345	23078	50.01
3	6476	995	139	7610	357	7604	0	0	6509	6550	-1204	20592	0	20592	2115	325	23032	49.98
4	6589	816	140	7545	296	7357	0	0	6749	6682	-1130	20439	0	20439	2029	311	22779	49.97
5	6692	1243	141	8076	308	7396	0	0	6241	6247	-1104	20591	0	20591	2012	332	22935	49.96
6	6731	1671	141	8543	385	7376	0	0	6094	6217	-953	21204	0	21204	2083	364	23651	50.03
7	6786	1517	141	8444	363	7398	0	11	6248	6327	-856	21306	0	21306	2134	381	23821	50.01
8	6803	1510	141	8454	362	7523	0	259	6453	6596	-918	21872	0	21872	2178	404	24454	50.04
9	6860	1454	141	8455	232	7631	0	864	6242	6379	-1096	22047	0	22047	2290	418	24755	50.03
10	6857	1151	137	8145	183	7633	0	1448	6870	7035	-1327	22710	0	22710	2420	407	25537	49.95
11	6843	1505	134	8482	129	7525	0	1912	7655	7811	-1571	23878	0	23878	2537	410	26825	49.96
12	6739	870	131	7740	99	7033	0	2061	8504	8645	-1646	23526	0	23526	2590	406	26522	50.02
13	6586	346	121	7053	99	6871	0	2155	8816	9019	-1643	23148	0	23148	2596	406	26150	50.07
14	6320	214	112	6646	109	6756	0	2038	8939	8753	-1640	22252	0	22252	2525	410	25187	50.05
15	6491	215	118	6824	111	6925	0	1892	8958	8836	-1630	22547	0	22547	2472	411	25430	49.98
16	6504	275	118	6897	140	7157	0	1492	8779	8576	-1579	22251	0	22251	2525	432	25208	49.96
17	6548	556	116	7220	171	7481	0	956	7511	7251	-1447	21178	0	21178	2513	454	24145	49.98
18	6545	293	116	6954	256	7283	0	334	7516	7561	-1389	20540	0	20540	2476	459	23475	50.03
19	6416	419	122	6957	389	7499	0	8	7028	6826	-1441	19774	0	19774	2526	464	22764	50.01
20	6477	857	122	7456	434	7629	0	0	7021	7188	-1496	20778	0	20778	2611	433	23822	50.01
21	6442	297	123	6862	403	7552	0	0	6537	6513	-1515	19401	0	19401	2584	414	22399	50.01
22	6576	327	124	7027	346	7571	0	0	6030	6005	-1566	18949	0	18949	2566	434	21949	49.99
23	6711	346	124	7181	314	7590	0	0	6122	6092	-1575	19183	0	19183	2501	419	22103	49.95
24	6658	351	125	7134	226	7675	0	0	6058	5963	-1521	19089	0	19089	2453	388	21930	50.00
MUs	158.70	19.62	3.10	181.42	6.25	177.77	0.00	15.43	168.51	169.21	-32.74	507.73	0.00	507.73	57.33	9.61	574.67	50.00

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 26/Feb/2023

Position as on 6.30 Hrs of 27/Feb/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	01/03/2023
IPP	SWPGPL U-2	135	08/02/2023	00:01		Continued.	Bag Filter replacement work	02/03/2023
MSPGCL	Chandrapur Unit 5	500	12/02/2023	00:05		Continued.	Boiler validity work	27/02/2023
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	28/02/2023
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	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	28/02/2023
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
TPC-G	Trombay 7B	60	15/02/2023	16:54		Continued.	Gas shortage	
MSPGCL	Parli Unit 6	250	21/02/2023	20:15		Continued.	Air heater problem	28/02/2023
TPC-G	Trombay 7A	120	21/02/2023	20:26		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	22/02/2023	22:05	26/02/2023	03:00	Boiler Tube Leakage	24/02/2023
MSPGCL	Uran Unit B0	120	25/02/2023	06:53		Continued.	CTO temperature high	
MSPGCL	Nasik Unit 3	210	25/02/2023	12:00		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	25/02/2023	17:00		Continued.	Bottom Ash evacuation problem	
MSPGCL	Uran Unit 6	108	25/02/2023	19:41		Continued.	Gas shortage	
IPP	SWPGPL U-1	135	25/02/2023	22:45	26/02/2023	20:45	Enhancement of Unit for full load operation	
IPP	JSW (J) U3	300	26/02/2023	04:13	26/02/2023	07:29	On Drum Level High.	
MSPGCL	Parli Unit 8	250	26/02/2023	06:38		Continued.	Oil Pressure Low and Coal Mill Problem.	
MSPGCL	Paras Unit 3	250	26/02/2023	17:53	26/02/2023	20:34	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	26/02/2023	00:02	26/02/2023	01:10	EO	To attend 1 nos Hotspot of Pole 2 Converter Transformer B1 Bushing of OLTC1.
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	26/02/2023	03:17	26/02/2023	07:17	EO	To attend water leakages from Y-Phase thyristor pex pipe line inside pole 1 valve hall.
400 KV MAINBAY Outages/Trippings							
MAIN BAY (414) OF 500 MVA ICT - 2 @ DEEPNAGAR	IntraState	24/02/2023	10:59	26/02/2023	22:57	PO	For servicing & overhauling of 400kV AREVA make ICT-2 Main C.B. Mechanism
400 KV LINE Outages/Trippings							
PADGHE - KALWA CKT - 1	IntraState	20/02/2023	14:26			PO	1) CB pole Overhauling work as Bph pole SF6 gas contents SO2 beyond permissible limit . 2) Replacement of B bus PG isolator under LES scheme as HTLS conductor work in progress of Kalwa line 3) 400kV Kalwa -1 in service through TBC
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	20/02/2023	15:36			HT	HAND TRIPPED FOR LOAD MANAGEMENT
MAIN BUS - 1 @ TALANDGE	IntraState	25/02/2023	12:20	26/02/2023	19:19	PO	For stringing of jack bus and erection of PG isolator in bay augmentation work of Kolhapur(PG)-Kolhapur(MSETCL) -1 Bay at MSETCL,
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	26/02/2023	06:17	26/02/2023	17:02	EO	At loc 107-108 bottom phase conductor strands damaged hence it is necessary to attend with fixing of repair sleeves urgently.
DEEPNAGAR - THAPTI TANDA	IntraState	26/02/2023	06:34	26/02/2023	15:42	PO	for Strings replacement work
BABHALESHWAR - PADGHE CKT-1	IntraState	26/02/2023	08:52	26/02/2023	19:35	PO	Chemical Cleaning of Insulator string and Routine Line maintenance work
KHADKA-AURANGABAD (WALUJ)	IntraState	27/02/2023	06:32			PO	replacement for faulty disc insulator strings detected in PID & Monkey Patrolling
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ RANJANGAON	IntraState	25/02/2023	16:02			EO	220kV Isolator alingnment work is going on in co-ordination with hot line unit & M/s Bimco.Hot Line unit given clearance today dt 24.02.2023 evening to carry out above work.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	05/02/2023	17:54			HT	HT for Load Management
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work.
BOISAR - VERSOVA	IntraState	13/02/2023	15:28			PO	1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHSRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DAHANU - VERSOVA	IntraState	13/02/2023	15:34			PO	Project activity 1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHSRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
KAMBA - VASAI	IntraState	25/02/2023	23:01	26/02/2023	06:03	EO	To carry out the height raising work of AEMLs existing 220 KV, Double Circuit, LS-Line section, between Tower Locations LS-223 & LS-226, along the existing corridor/ROW of AEML, at Village Gokhivare (Vasai) in connection with DFC project of Govt of India.
PADGHE - NALASOPARA - VASAI (T)	IntraState	25/02/2023	23:54	26/02/2023	06:13	EO	To carry out the height raising work of AEMLs existing 220 KV, Double Circuit, LS-Line section, between Tower Locations LS-223 & LS-226, along the existing corridor/ROW of AEML, at Village Gokhivare (Vasai) in connection with DFC project of Govt of India.
KOLSHET - KHARBAO	IntraState	26/02/2023	08:20	26/02/2023	19:00	PO	Shifting of existing line to ERS towers between loc no 113 to 116.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	26/02/2023	11:24	26/02/2023	21:44	HT	For load management
BUS SECTION - 1 @ TROMBAY	IntraState	26/02/2023	11:30	26/02/2023	18:28	PO	For 1) Bus Isolator alignment & maintenance work of ICT-2, Chembur-3 line & Bus PT Isolator 2) GIS Incommer-1 Cable Takeoff Gantry jumper nut-bolts tightening 3) ICT-2 Oil leakage attending & OLTC o/h work 4) Addition of OFF Delay timer in cooling pump circuit & AMC work of NIFPS of ICT-2 5) RM work.
CHIKHALI-JALNA I	IntraState	26/02/2023	18:42	26/02/2023	23:07	HT	To control loading on akola ICT.
KAMBA - VASAI	IntraState	26/02/2023	21:41	27/02/2023	03:48	EO	To carry out the height raising work of AEMLs existing 220 KV, Double Circuit, LS-Line section, between Tower Locations LS-223 & LS-226, along the existing corridor/ROW of AEML, at Village Gokhivare (Vasai) in connection with DFC project of Govt of India.
PADGHE - NALASOPARA - VASAI (T)	IntraState	26/02/2023	21:52	27/02/2023	03:54	EO	To carry out the height raising work of AEMLs existing 220 KV, Double Circuit, LS-Line section, between Tower Locations LS-223 & LS-226, along the existing corridor/ROW of AEML, at Village - Gokhivare (Vasai) in connection with DFC project of Govt of India.
TROMBAY - SALSETTE CKT - 1	IntraState	27/02/2023	00:20	27/02/2023	04:35	PO	Work in vicinity for A ph cable jumper connection of 110 kV Dharavi Vikhroli Ckt on new monopole loc. 4B.
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
110 KV LINE Outages/Trippings							
DHARAVI VIKHROLI	IntraState	10/02/2023	23:17			PO	for 400KV Project work of KVPTL

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DHARAVI POWAI	IntraState	10/02/2023	23:35			PO	For 400KV project work on KVPTL
WAGHIVALI - MANKHURD	IntraState	26/02/2023	00:03	26/02/2023	05:25	PO	PROJECT WORK-MOVEMENT OF JACK UP BARGE IN VICINITY OF LINE
KHOPOLI - KARANJADE	IntraState	26/02/2023	08:00	26/02/2023	12:58	PO	R/M AT KHOPOLI END
110 KV BUSBAR Outages/Trippings							
BUS ZONE - 2 @ AMBERNATH	IntraState	26/02/2023	01:02	26/02/2023	03:17	PO	R/M

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