

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Feb/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.794	2932.131	1) Gujrat	4.641	-67.531
2) Hydro	11.896	242.525	2) Madhya Pradesh	0.346	76.841
3) Gas	3.218	92.107	3) Chattisgarh	4.060	86.510
Total MSPGCL	178.908	3266.763	4) Maharashtra	154.242	3236.837
B) 1) APLM	76.206	1387.295	5) Goa (Amona)	-1.028	-25.671
2) JSWEL	20.568	371.754	Total	162.261	3306.986
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.826	551.097
4) RPL(AMT)	31.207	573.876	b) Mumbai Drawl	32.044	653.530
5) SWPGPL	7.357	154.943	c) MSEDCL Bilateral *	68.500	1366.419
6) Other IPP	41.448	806.537	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.826	550.697
C) 1) TPCL Thermal	12.678	142.484	Include PX	0.000	0.000
2) TPCL Hydro	1.998	76.081	Standby	0.000	0.400
3) TPCL Gas	0.000	30.862	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.272	186.437	1) MSEDCL	501.346	9527.949
D) STATE			2) Mumbai Discoms	56.992	1089.394
1) Thermal	363.530	6555.457	3) Other Discoms	9.516	188.039
(A1+C1+C4+(B1-B6))			TOTAL STATE	567.854	10805.382
2) Hydro	13.894	318.606			
(A2+C2)					
3) Gas	3.218	122.969			
(A3+B7+C3)					
4) Wind	8.765	202.255			
6) SOLAR	16.186	299.109			
TOTAL STATE	405.593	7498.396			

* 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 23 Hrs
MSPGCL Thermal	7250	6196	6988	6567
MSPGCL Hydro	379	511	453	210
MSPGCL Gas	133	123	133	138
MSPGCL Total Generation	7762	6830	7574	6915
Central Sector Receipt	8151	7914	6770	6123
WIND	501	492	161	229
CPP / IPP Thermal	7332	7229	7371	7197
CPP / IPP Gas	0	0	0	0
SOLAR	2014	2254	0	0
Exchange with Mumbai	-1544	-1577	-1244	-1537
MSEDCL DEMAND MET	23795	22725	20199	18531
Load Shedding	0	0	0	0
MSEDCL DEMAND	23795	22725	20199	18531
TPCL GENERATION	546	553	869	507
AEML GENERATION	484	491	429	374
MUMBAI DEMAND	2574	2621	2542	2418
OTHER DISCOM DEMAND	421	417	433	396
STATE DEMAND MET	26790	25763	23174	21345
STATE DEMAND	26790	25763	23174	21345
Frequency (Hz)	50.00	49.98	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.36 Hz at 18:03 Hrs	49.76 Hz at 21:05 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 19/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.92	79.30	210	185
Unit 8	14.20	260.94	633	530
Unit 9	13.65	251.31	613	520
Unit 10	13.00	228.08	591	507
Total	45.76	819.63		
Bhusawal				
Unit 3	3.45	62.91	165	110
Unit 4	10.34	194.02	495	280
Unit 5	10.49	190.40	495	280
Total	24.28	447.34		
Parli				
Unit 6	4.71	87.90	229	148
Unit 7	4.73	51.41	245	146
Unit 8	3.45	65.36	160	134
Total	12.88	204.66		
Chandrapur				
Unit 3	3.70	67.31	170	123
Unit 4	3.25	56.14	149	118
Unit 5	0.00	76.31	0	0
Unit 6	8.69	161.99	410	281
Unit 7	0.00	0.00	0	0
Unit 8	11.31	213.29	500	303
Unit 9	11.06	129.41	494	350
Total	38.02	704.44		
Paras				
Unit 3	5.40	94.43	238	197
Unit 4	5.68	109.26	246	225
Total	11.07	203.69		
Khaparkheda				
Unit 1	2.42	39.00	115	70
Unit 2	3.04	52.14	142	105
Unit 3	3.73	69.75	182	131
Unit 4	3.81	59.47	173	130
Unit 5	11.29	203.67	500	440
Total	24.30	424.03		
Nasik				
Unit 3	3.80	69.72	178	117
Unit 4	0.00	2.54	0	0
Unit 5	3.68	56.08	175	117
Total	7.49	128.34		
Uran				
All Units	3.22	92.11	141	121
Total	3.22	92.11		
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	8.73	43	0
Total	0.16	8.73		
Koyna				
Stage 1-2	2.89	63.20	370	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	3.32	56.70	750	0
Stage 3	1.07	25.72	320	0
Total	7.28	145.63		
Hydro				
KDPH	0.70	14.68	36	18
VTRNA	0.97	11.25	60	0
TILLARI	0.46	7.55	58	0
BHIRA T.R.	0.15	4.77	67	0
SMLHY_PTN	2.17	45.28	104	85
GHATGHAR	0.00	4.64	0	0
Total	4.46	88.16		
Wind				
Total	8.76	202.26	0	0
Total	8.76	202.26		
CPP				
APML(Mus)	76.21	1387.30	0	0
JSWEL(Mus)	20.57	371.75	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.21	573.88	0	0
SWPGPL-Mus	7.36	154.94	0	0
Dhariwal	0.00	18.40	0	0
IEPL	5.10	96.93	261	196
Other(Mus)	36.35	691.21	0	0
Total	176.79	3294.40		
SOLAR				
Total	16.19	299.11	0	0
Total	16.19	299.11		
Tata				
Trombay 5	8.33	64.50	465	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	16.92	0	0
Trombay 7B	0.00	13.94	0	0
TATA Hydro	2.00	76.08	179	3
Trombay 8	4.35	77.98	242	129
Total	14.68	249.43		
AEML				
DTPS U-1&2	10.27	186.44	499	336
Total	10.27	186.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.79	2932.13	MSPGCL Total	178.91	3266.76
			MSPGCL Thml+Gas	167.01	3024.24	Koyna 1,2 & 4 Total	6.21	119.91
			MSPGCL Hydro	11.90	242.52	State Total	405.59	7498.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/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	6755	210	138	7103	522	7565	0	0	5956	6083	-1322	19568	0	19568	2401	383	22352	50.00
2	6878	208	139	7225	491	7411	0	0	6223	6243	-1342	19699	0	19699	2247	329	22275	49.99
3	6984	171	139	7294	446	7331	0	0	6377	6359	-1304	19810	0	19810	2107	316	22233	49.98
4	6992	347	139	7478	422	7336	0	0	6363	6333	-1252	20010	0	20010	2007	307	22324	49.98
5	6957	599	139	7695	410	7419	0	0	6373	6230	-1235	20182	0	20182	1989	337	22508	49.93
6	6974	1180	140	8294	429	7675	0	0	5888	5917	-1013	20942	0	20942	2049	360	23351	50.00
7	7054	1356	140	8550	435	7792	0	5	5800	5725	-972	21145	0	21145	2088	390	23623	49.99
8	7136	1553	141	8830	419	7764	0	271	5868	5992	-1008	21843	0	21843	2140	425	24408	50.00
9	7146	1151	141	8438	333	7802	0	938	6701	6599	-1266	22426	0	22426	2293	418	25137	50.07
10	7158	656	136	7950	327	7687	0	1533	7268	7355	-1390	23061	0	23061	2452	401	25914	50.03
11	7250	379	133	7762	501	7332	0	2014	8237	8151	-1544	23795	0	23795	2574	421	26790	50.00
12	7090	333	125	7548	666	7186	0	2172	7956	7924	-1582	23498	0	23498	2622	416	26536	50.04
13	6196	511	123	6830	492	7229	0	2254	7830	7914	-1577	22725	0	22725	2621	417	25763	49.98
14	6024	468	121	6613	427	7172	0	2118	7596	7665	-1521	22060	0	22060	2561	414	25035	49.99
15	6297	283	122	6702	333	7165	0	1979	7742	7809	-1481	22115	0	22115	2526	392	25033	50.02
16	6778	266	124	7168	323	7134	0	1593	7757	7950	-1454	22289	0	22289	2531	425	25245	50.00
17	7053	260	133	7446	251	7160	0	968	7075	7084	-1332	21154	0	21154	2510	423	24087	50.01
18	6953	202	133	7288	182	7159	0	326	6974	6658	-1159	20027	0	20027	2462	427	22916	50.05
19	6935	203	135	7273	166	7236	0	15	6561	6497	-1198	19550	0	19550	2477	439	22466	50.06
20	6988	453	133	7574	161	7371	0	0	6650	6770	-1244	20199	0	20199	2542	433	23174	50.02
21	6536	418	133	7087	212	7206	0	0	6334	6280	-1243	19120	0	19120	2517	422	22059	50.01
22	6587	273	135	6995	250	7206	0	0	6242	6414	-1531	18907	0	18907	2470	427	21804	50.02
23	6567	210	138	6915	229	7197	0	0	6447	6123	-1537	18531	0	18531	2418	396	21345	50.02
24	6506	206	138	6850	338	7251	0	0	6360	6186	-1537	18696	0	18696	2388	392	21476	50.02
MUs	163.79	11.90	3.22	178.91	8.77	176.79	0.00	16.19	162.58	162.26	-32.04	501.35	0.00	501.35	56.99	9.51	567.85	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 19/Feb/2023

Position as on 6.30 Hrs of 20/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	22/02/2023
IPP	Dhariwal	300	05/02/2023	00:00		Continued.	Annual Overhaul	22/02/2023
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
TPC-G	Bhira PSU	150	15/02/2023	04:30		Continued.	Tunnel 1 inspection, RM Trials, Calibration and testing work.	
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.	20/02/2023
MSPGCL	Nasik Unit 4	210	01/02/2023	19:24		Continued.	NASHIK TPS U#4 TOLLING FROM DATED 02.02.2023 at 03.43 A.M	
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
MSPGCL	Uran Unit 6	108	15/02/2023	13:13		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	15/02/2023	16:54		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	18/02/2023	21:27		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 20/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY (409) OF AURANGABAD AND GT - 4 @ DEEPNAGAR	IntraState	20/02/2023	12:48			PO	For servicing & overhauling of 400kV AREVA make C.B. Mechanism
400 KV LINE Outages/Trippings							
PADGHE (GIS) PG - KUDUS CKT - 1	InterState	20/02/2023	07:15			T	R phase CT burst at Kudus end
DHULE - SSNNL CKT - 2	InterState	20/02/2023	11:59			PO	For Replacement of PID Suspecious Disc & other Maintenance work.
PADGHE - KALWA CKT - 2	IntraState	18/02/2023	00:10	20/02/2023	05:20	PO	Replacement of existing conductor/ hardware/ insulators by HTLS conductor/hardware/ insulators.
PARLI - KARJAT CKT - 1	IntraState	19/02/2023	11:31	19/02/2023	20:40	PO	Replacement of strings
MAIN BUS - 2 @ TALANDGE	IntraState	20/02/2023	10:25			PO	For erection of jack bus and PG isolator in bay augmentation work of Kolhapur(PG)- Kolhapur(MSETCL)#1 Bay at MSETCL, Talandage(Kolhapur)
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	20/02/2023	09:50			PO	To attend the closing problem of R-ph PG-2 Isolator (Bus-2 Isolator R-ph) by replacing scissor assembly.
400 KV BR Outages/Trippings							
400 KV GT- 5 MAIN BAY (422)	IntraState	16/02/2023	10:12	19/02/2023	19:38	PO	For servicing & overhauling of 400kV AREVA make GT-V Main C.B. Mechanism
220 KV TBC Outages/Trippings							
TBC @ BIDRI	IntraState	20/02/2023	10:05			PO	for insulator cleaning & qmw
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 NHRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
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 NHRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
WAGHIVALI - DHARAVI 8	IntraState	17/02/2023	08:06			PO	Project work for shifting of conductor of Trombay Dharavi Salsette line.
SHEDYAL-JATH	IntraState	18/02/2023	09:53	19/02/2023	01:51	PO	Quarterly Maintenance Work
MHAISHAL - SHEDYAL	IntraState	18/02/2023	10:12	19/02/2023	01:51	PO	Quarterly Maintenance Work
MAHALAXMI - BACKBAY	IntraState	19/02/2023	02:05	19/02/2023	05:45	PO	Project work for EHV Cable & Joint shifting at Marine lines for coastal road Project work
VERSOVA - GHODBUNDER	IntraState	19/02/2023	11:44	19/02/2023	13:55	EO	Trimming of Mangroves between tower span LS305 to LS306

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 20/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BUS SECTION BREAKER-3 @ TROMBAY	IntraState	19/02/2023	14:52	19/02/2023	15:18	EO	FOR RAISING SF6 GAS PRESURE
BABLESHWAR- ALEPHATA CKT - 1	IntraState	19/02/2023	18:58	19/02/2023	23:24	PO	220kV CT Tan delta measurement
ADLABS - PEDAMBE	IntraState	20/02/2023	03:43	20/02/2023	04:40	T	Tripped from Pedhambe end only
KANDALGAON - KOYNA (POPHALI)	IntraState	20/02/2023	04:20	20/02/2023	05:00	T	Tripped from Koyana end only
PEDAMBE-KALAMBANI(TSS)	IntraState	20/02/2023	05:57	20/02/2023	08:55	T	Distance Protection
ADLABS - PEDAMBE	IntraState	20/02/2023	06:03			T	Tripped on distance protection
KANDALGAON - KOYNA (POPHALI)	IntraState	20/02/2023	06:17			T	Tripped on distance protection
TILLARI - AMONA LINE	IntraState	20/02/2023	09:20			T	Tripped on dist. protection.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	20/02/2023	09:34			HT	H/T for load Management
TALANDGE - ICHALKARANJI 1	IntraState	20/02/2023	10:35			PO	For Cold line insulator cleaning of line insulators & replacement of faulty insulator string found critical in P.I.D
TALANDGE - ICHALKARANJI 1	IntraState	20/02/2023	10:35			PO	1) Quarterly bay maintenance work at 220 kV Tilawani end. 2)Wave Trap DSN Work & for attending wave Trap Hotspot..
TALANDGE - ICHALKARANJI 1	IntraState	20/02/2023	10:35			PO	For Cold line insulator cleaning of line insulators & replacement of faulty insulator string found critical in P.I.D
SHIVAJINAGAR-MALEGAON	IntraState	20/02/2023	12:00			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 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/100 KV 200 MVA ICT 4 @ PADGHE	IntraState	20/02/2023	09:36			PO	1. FOR ATTENDING PROBLEM OF CTR & FDR 2. CHECKING HEALTHYNESS OF CTR 3. TAKING TRIL OF WTI & OTI. 4. ATTENDING HOTSPOT
220/132 KV 100 MVA ICT 3 @ RANJANGAON	IntraState	20/02/2023	10:45			PO	Diagnostic Testing Work & General Bay Maintenance
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

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