

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2023 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.461	2768.337	1) Gujrat	3.942	-72.172
2) Hydro	16.338	230.629	2) Madhya Pradesh	2.002	76.495
3) Gas	3.198	88.889	3) Chattisgarh	4.240	82.450
Total MSPGCL	185.997	3087.855	4) Maharashtra	148.618	3082.595
B) 1) APLM	76.228	1311.089	5) Goa (Amona)	-1.465	-24.643
2) JSWEL	25.090	351.186	Total	157.337	3144.725
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.047	527.271
4) RPL(AMT)	31.061	542.669	b) Mumbai Drawl	33.861	621.486
5) SWPGPL	7.356	147.586	c) MSEDCL Bilateral *	68.684	1297.918
6) Other IPP	41.940	765.089	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.047	526.871
C) 1) TPCL Thermal	13.772	129.806	Include PX	0.000	0.000
2) TPCL Hydro	3.385	74.083	Standby	0.000	0.400
3) TPCL Gas	0.275	30.862	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.327	176.165	1) MSEDCL	511.248	9026.603
D) STATE			2) Mumbai Discoms	62.620	1032.402
1) Thermal	373.235	6191.927	3) Other Discoms	9.938	178.523
(A1+C1+C4+(B1-B6))			TOTAL STATE	583.806	10237.528
2) Hydro	19.723	304.712			
(A2+C2)					
3) Gas	3.473	119.751			
(A3+B7+C3)					
4) Wind	13.389	193.490			
6) SOLAR	16.649	282.923			
TOTAL STATE	426.469	7092.803			

* 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	7068	7059	6983	6782
MSPGCL Hydro	1031	508	1468	262
MSPGCL Gas	127	122	132	137
MSPGCL Total Generation	8226	7689	8583	7181
Central Sector Receipt	7826	8131	6100	5631
WIND	602	231	239	556
CPP / IPP Thermal	7721	7376	7699	7594
CPP / IPP Gas	0	0	0	0
SOLAR	2101	2288	0	0
Exchange with Mumbai	-1658	-1882	-1363	-1438
MSEDCL DEMAND MET	24380	23401	20805	19129
Load Shedding	0	0	0	0
MSEDCL DEMAND	24380	23401	20805	19129
TPCL GENERATION	841	627	1013	568
AEML GENERATION	493	480	459	502
MUMBAI DEMAND	2992	2989	2835	2508
OTHER DISCOM DEMAND	438	432	453	395
STATE DEMAND MET	27810	26822	24093	22032
STATE DEMAND	27810	26822	24093	22032
Frequency (Hz)	49.99	50.01	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.37 Hz at 18.03 Hrs	49.58 Hz at 22.07 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 18/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.74	74.39	205	185
Unit 8	13.98	246.74	625	521
Unit 9	12.39	237.66	540	450
Unit 10	12.74	215.08	560	495
Total	43.85	773.87		
Bhusawal				
Unit 3	3.74	59.46	175	115
Unit 4	10.74	183.69	485	400
Unit 5	10.89	179.92	500	380
Total	25.38	423.06		
Parli				
Unit 6	5.46	83.19	236	219
Unit 7	5.33	46.68	248	184
Unit 8	3.19	61.91	149	117
Total	13.98	191.78		
Chandrapur				
Unit 3	3.87	63.61	167	120
Unit 4	3.39	52.89	150	132
Unit 5	0.00	76.31	0	0
Unit 6	9.39	153.30	410	375
Unit 7	0.00	0.00	0	0
Unit 8	11.70	201.98	499	474
Unit 9	11.76	118.35	500	478
Total	40.10	666.43		
Paras				
Unit 3	5.63	89.04	248	213
Unit 4	5.90	103.58	250	239
Total	11.53	192.62		
Khaparkheda				
Unit 1	2.56	36.58	115	95
Unit 2	2.72	49.10	136	88
Unit 3	3.60	66.01	179	129
Unit 4	3.98	55.66	185	148
Unit 5	10.91	192.37	480	430
Total	23.77	399.73		
Nasik				
Unit 3	4.00	65.91	178	130
Unit 4	0.00	2.54	0	0
Unit 5	3.85	52.40	172	125
Total	7.85	120.85		
Uran				
All Units	3.20	88.89	148	121
Total	3.20	88.89		
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)	0.24	8.57	48	0
Total	0.24	8.57		
Koyna				
Stage 1-2	3.54	60.32	395	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	5.61	53.38	720	0
Stage 3	2.11	24.66	320	0
Total	11.27	138.36		
Hydro				
KDPH	0.86	13.98	36	36
VTRNA	1.04	10.28	61	0
TILLARI	0.46	7.09	58	0
BHIRA T.R.	0.20	4.62	40	0
SMLHY_PTN	2.26	43.11	101	86
GHATGHAR	0.00	4.64	0	0
Total	4.82	83.71		
Wind				
Total	13.39	193.49	0	0
Total	13.39	193.49		
CPP				
APML(Mus)	76.23	1311.09	0	0
JSWEL(Mus)	25.09	351.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.06	542.67	0	0
SWPGPL-Mus	7.36	147.59	0	0
Dhariwal	0.00	18.40	0	0
IEPL	5.80	91.84	263	215
Other(Mus)	36.14	654.86	0	0
Total	181.68	3117.62		
SOLAR				
Total	16.65	282.92	0	0
Total	16.65	282.92		
Tata				
Trombay 5	8.90	56.17	454	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.28	16.92	79	0
Trombay 7B	0.00	13.94	0	0
TATA Hydro	3.38	74.08	254	3
Trombay 8	4.87	73.64	240	130
Total	17.43	234.75		
AEML				
DTPS U-1&2	11.33	176.16	502	369
Total	11.33	176.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.46	2768.34	MSPGCL Total	186.00	3087.86
			MSPGCL Thml+Gas	169.66	2857.23	Koyna 1,2 & 4 Total	9.16	113.70
			MSPGCL Hydro	16.34	230.63	State Total	426.47	7092.80

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	6749	235	137	7121	610	7722	0	0	5643	5613	-1243	19437	0	19437	2433	386	22256	49.98
2	6799	196	139	7134	701	7477	0	0	5990	6043	-1317	19692	0	19692	2258	346	22296	49.96
3	6901	176	137	7214	899	7401	0	0	6055	6223	-1294	20114	0	20114	2114	329	22557	49.97
4	6927	176	139	7242	1003	7388	0	0	6039	5983	-1261	20021	0	20021	2029	334	22384	49.96
5	6947	322	139	7408	1059	7578	0	0	5855	5826	-1192	20338	0	20338	2017	341	22696	49.91
6	6898	1178	139	8215	1148	7785	0	0	5459	5316	-1013	21069	0	21069	2142	382	23593	49.99
7	6884	1278	148	8310	1143	7754	0	10	5530	5606	-964	21468	0	21468	2222	391	24081	49.99
8	6948	1638	146	8732	979	7716	0	295	5664	5774	-1023	22062	0	22062	2335	411	24808	50.00
9	7003	1312	140	8455	812	7765	0	987	6286	6347	-1176	22769	0	22769	2543	421	25733	50.00
10	6990	1098	137	8225	767	7731	0	1580	7140	7210	-1415	23665	0	23665	2806	433	26904	49.92
11	7068	1031	127	8226	602	7721	0	2101	7684	7826	-1658	24380	0	24380	2992	438	27810	49.99
12	7137	844	125	8106	416	7753	0	2204	7875	7969	-1898	24098	0	24098	3042	452	27592	50.02
13	7059	508	122	7689	231	7376	0	2288	7979	8131	-1882	23401	0	23401	2989	432	26822	50.01
14	6983	320	122	7425	223	7162	0	2187	7985	8080	-1751	22890	0	22890	2880	436	26206	50.02
15	7034	345	121	7500	164	7229	0	1995	8012	8169	-1789	22826	0	22826	2924	442	26192	49.99
16	7055	504	125	7684	168	7221	0	1616	8264	8130	-1768	22605	0	22605	2970	446	26021	49.95
17	6913	889	123	7925	147	7585	0	1017	7182	7064	-1577	21702	0	21702	2925	459	25086	49.97
18	6899	874	123	7896	123	7602	0	362	6487	6586	-1402	20715	0	20715	2846	452	24013	50.04
19	6983	769	131	7883	205	7614	0	7	6083	6131	-1343	20052	0	20052	2825	445	23322	50.02
20	6983	1468	132	8583	239	7699	0	0	6078	6100	-1363	20805	0	20805	2835	453	24093	50.02
21	6903	385	138	7426	297	7745	0	0	6071	5907	-1287	19643	0	19643	2758	445	22846	50.01
22	6786	231	136	7153	392	7567	0	0	5729	5712	-1261	19129	0	19129	2656	434	22219	50.01
23	6830	299	135	7264	505	7490	0	0	6026	5960	-1546	19253	0	19253	2571	420	22244	49.86
24	6782	262	137	7181	556	7594	0	0	5835	5631	-1438	19129	0	19129	2508	395	22032	49.97
MUs	166.46	16.34	3.20	186.00	13.39	181.68	0.00	16.65	156.95	157.34	-33.86	511.26	0.00	511.26	62.62	9.93	583.81	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 18/Feb/2023

Position as on 6.30 Hrs of 19/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	15/02/2023	17:12	18/02/2023	17:34	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/Tripping for 18/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 19/Feb/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/Tripping							
BUS COUPLER @ KOLHAPUR-III (TALANDGE)-400 KV	IntraState	15/02/2023	11:13	18/02/2023	20:22	PO	89A and 89B PG isolator overhauling work.
400 KV LINE Outages/Tripping							
DHULE - SSNNL CKT - 2	InterState	18/02/2023	08:57	18/02/2023	18:59	PO	CVT (Capacitance tan delta) testing work.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	17/02/2023	08:54	18/02/2023	14:50	HT	H/T due to Load Management
PADGHE - KALWA CKT - 2	IntraState	18/02/2023	00:10		Continued.	PO	Replacement of existing conductor/ hardware/ insulators by HTLS conductor/hardware/ insulators.
KORADI-NANDGAONPETH (RPL)	IntraState	18/02/2023	15:06	18/02/2023	18:09	EO	As 400KV Koradi- Nandgaonpeth RPL got A/R at 04:55 Hrs on dt 18.02.2023, Patrolling was carried out & Flashover Marks were observed on B Ph String Hardware at loc no 110 . Hence replacement of F/O String is needed to be carried out on urgent basis.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	18/02/2023	15:15	18/02/2023	23:25	HT	Emergency HT due to heavy sparking on Y PH PG isolator of main bus-A.
PARLI - KARJAT CKT - 1	IntraState	19/02/2023	11:31	19/02/2023	20:40	PO	Replacement of strings
400 KV ICT Outages/Tripping							
400/220 KV 3X105 MVA ICT - 1 @ NAGOTHANE	IntraState	14/02/2023	09:52	18/02/2023	16:55	PO	FOR LV side CB REPLACEMENT WORK
400 KV BR Outages/Tripping							
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 MAINBAY Outages/Tripping							
TBC @ HINJEWADI-2	IntraState	18/02/2023	09:09	18/02/2023	11:15	PO	Half yearly maintenance
220 KV LINE Outages/Tripping							
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.
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.
WAGHIVALI - DHARAVI 8	IntraState	17/02/2023	08:06			PO	Project work for shifting of conductor of Trombay Dharavi Salsette line.
KHAREPATAN -PAWAS LINE	IntraState	18/02/2023	08:59	18/02/2023	18:55	PO	For tree cutting work (trees which are in induction zone).
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
NAGAR BELWANDI CKT 1	IntraState	18/02/2023	11:35	18/02/2023	17:05		Replacement of R ph flashover string at loc No. 102 (found during vertical patrolling)
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
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
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
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