

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Feb/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.445	742.287	1) Gujrat	-7.794	-33.564
2) Hydro	7.517	47.204	2) Madhya Pradesh	5.439	27.359
3) Gas	5.690	28.314	3) Chattisgarh	5.010	22.900
Total MSPGCL	163.652	817.805	4) Maharashtra	176.562	875.566
B) 1) APLM	69.309	344.959	5) Goa (Amona)	-1.374	-7.975
2) JSWEL	16.904	86.561	Total	177.843	884.286
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.673	151.777
4) RPL(AMT)	31.129	153.406	b) Mumbai Drawl	33.857	174.887
5) SWPGPL	9.656	47.859	c) MSEDCL Bilateral *	72.271	374.418
6) Other IPP	41.825	227.294	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.673	151.712
C) 1) TPCL Thermal	3.234	19.160	Include PX	0.000	0.000
2) TPCL Hydro	1.726	20.350	Standby	0.000	0.066
3) TPCL Gas	2.100	10.860	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.988	47.187	1) MSEDCL	489.948	2469.847
D) STATE			2) Mumbai Discoms	48.905	272.444
1) Thermal	330.490	1668.713	3) Other Discoms	9.436	49.092
(A1+C1+C4+(B1-B6))			TOTAL STATE	548.289	2791.383
2) Hydro	9.243	67.554			
(A2+C2)					
3) Gas	7.790	39.174			
(A3+B7+C3)					
4) Wind	7.356	58.705			
6) SOLAR	15.567	72.951			
TOTAL STATE	370.446	1907.097			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6746	6482	6552	5624
MSPGCL Hydro	781	416	247	222
MSPGCL Gas	230	226	231	239
MSPGCL Total Generation	7757	7124	7030	6085
Central Sector Receipt	8777	8983	7181	6410
WIND	91	73	223	83
CPP / IPP Thermal	7328	7184	7394	6625
CPP / IPP Gas	0	0	0	0
SOLAR	2090	2166	6	0
Exchange with Mumbai	-1691	-1679	-1535	-1402
MSEDCL DEMAND MET	23944	23436	19866	17407
Load Shedding	0	0	0	0
MSEDCL DEMAND	23944	23436	19866	17407
TPCL GENERATION	278	277	339	261
AEML GENERATION	333	343	330	339
MUMBAI DEMAND	2302	2299	2204	2002
OTHER DISCOM DEMAND	408	415	433	394
STATE DEMAND MET	26654	26150	22503	19803
STATE DEMAND	26654	26150	22503	19803
Frequency (Hz)	50.05	50.06	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.33 Hz at 14:01 Hrs	49.76 Hz at 09:04 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 05/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.30	24.02	210	155
Unit 8	13.66	67.58	582	538
Unit 9	13.45	66.75	598	544
Unit 10	12.93	57.44	562	512
Total	44.34	215.80		
Bhusawal				
Unit 3	2.92	15.56	150	110
Unit 4	9.68	49.32	485	280
Unit 5	9.04	47.14	455	280
Total	21.64	112.02		
Parli				
Unit 6	4.04	20.85	230	147
Unit 7	4.02	6.23	223	151
Unit 8	3.59	19.04	182	142
Total	11.65	46.13		
Chandrapur				
Unit 3	3.34	16.62	168	120
Unit 4	3.09	14.94	149	116
Unit 5	6.90	34.58	305	280
Unit 6	7.67	39.88	425	283
Unit 7	0.00	0.00	0	0
Unit 8	11.08	53.44	501	288
Unit 9	0.14	14.84	109	0
Total	32.22	174.31		
Paras				
Unit 3	5.41	20.65	236	161
Unit 4	5.68	28.18	247	219
Total	11.08	48.83		
Khaparkheda				
Unit 1	2.80	13.28	130	105
Unit 2	2.32	12.96	114	72
Unit 3	3.51	16.81	178	127
Unit 4	3.50	17.35	171	125
Unit 5	10.89	52.06	480	308
Total	23.02	112.46		
Nasik				
Unit 3	3.36	17.49	175	116
Unit 4	0.00	2.54	0	0
Unit 5	3.13	12.71	172	110
Total	6.48	32.74		
Uran				
All Units	5.69	28.31	248	224
Total	5.69	28.31		
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)	0.68	2.27	43	20
Total	0.68	2.27		
Koyna				
Stage 1-2	1.62	12.02	245	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.22	6.88	147	0
Stage 3	0.35	4.19	148	0
Total	2.19	23.10		
Hydro				
KDPH	0.86	2.74	36	36
VTRNA	0.47	2.50	60	0
TILLARI	0.46	1.16	58	0
BHIRA T.R.	0.22	1.34	77	0
SMLHY_PTN	2.63	11.38	116	99
GHATGHAR	0.00	2.72	0	0
Total	4.65	21.84		
Wind				
Total	7.36	58.70	0	0
Total	7.36	58.70		
CPP				
APML(Mus)	69.31	344.96	0	0
JSWEL(Mus)	16.90	86.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.13	153.41	0	0
SWPGPL-Mus	9.66	47.86	0	0
Dhariwal	0.00	18.40	0	0
IEPL	4.73	23.07	198	194
Other(Mus)	37.10	185.83	0	0
Total	168.82	860.08		
SOLAR				
Total	15.57	72.95	0	0
Total	15.57	72.95		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.15	5.96	54	46
Trombay 7B	0.95	4.90	43	38
TATA Hydro	1.73	20.35	200	2
Trombay 8	3.23	19.16	136	133
Total	7.06	50.37		
AEML				
DTPS U-1&2	7.99	47.19	349	313
Total	7.99	47.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.44	742.29	MSPGCL Total	163.65	817.80
			MSPGCL Thml+Gas	156.14	770.60	Koyna 1,2 & 4 Total	1.84	18.91
			MSPGCL Hydro	7.52	47.20	State Total	370.45	1907.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	5875	215	243	6333	438	6758	0	0	6614	6818	-1369	18609	0	18609	1938	369	20916	50.03
2	6217	213	246	6676	588	6852	0	0	6498	6034	-1247	18565	0	18565	1813	338	20716	50.07
3	6149	215	243	6607	650	6737	0	0	6576	6347	-1167	18840	0	18840	1722	334	20896	49.98
4	6013	216	245	6474	705	6698	0	0	6550	6431	-1113	18877	0	18877	1659	318	20854	49.97
5	6362	214	245	6821	688	6870	0	0	6542	6472	-1100	19422	0	19422	1647	329	21398	49.94
6	6581	212	244	7037	676	7213	0	0	6688	6563	-1176	19957	0	19957	1725	356	22038	49.95
7	6778	219	248	7245	637	7387	0	12	6860	6414	-1131	20186	0	20186	1784	378	22348	50.06
8	6720	226	247	7193	568	7368	0	247	7471	7184	-1123	21059	0	21059	1847	378	23284	50.05
9	6431	258	247	6936	373	7150	0	900	7994	8018	-1254	21708	0	21708	1996	415	24119	49.99
10	6373	628	240	7241	237	7010	0	1509	8545	8633	-1437	22788	0	22788	2142	405	25335	49.89
11	6568	734	235	7537	193	7145	0	1940	8991	9069	-1629	23836	0	23836	2267	419	26522	50.00
12	6746	781	230	7757	91	7328	0	2090	8804	8777	-1691	23944	0	23944	2302	408	26654	50.05
13	6482	416	226	7124	73	7184	0	2166	8782	8983	-1679	23436	0	23436	2299	415	26150	50.06
14	6057	331	225	6613	82	6821	0	2128	8795	8839	-1586	22498	0	22498	2209	399	25106	50.13
15	6114	327	226	6667	101	6647	0	1902	8846	8727	-1544	22091	0	22091	2157	409	24657	50.13
16	6225	327	224	6776	94	7003	0	1516	8650	8607	-1515	22073	0	22073	2121	408	24602	50.02
17	6296	327	228	6851	113	7291	0	918	7903	7819	-1467	21100	0	21100	2099	425	23624	50.06
18	6205	286	232	6723	112	7344	0	233	7545	7399	-1465	19914	0	19914	2099	432	22445	50.03
19	6552	247	231	7030	223	7394	0	6	7393	7181	-1535	19866	0	19866	2204	433	22503	49.99
20	6609	227	236	7072	214	7384	0	0	7125	7065	-1589	19717	0	19717	2297	429	22443	49.94
21	6123	221	235	6579	166	7197	0	0	6846	6541	-1600	18453	0	18453	2277	430	21160	49.98
22	5615	243	237	6095	137	6663	0	0	6863	6883	-1560	17807	0	17807	2208	411	20426	49.99
23	5730	212	238	6180	114	6754	0	0	6636	6629	-1478	17802	0	17802	2091	397	20290	49.99
24	5624	222	239	6085	83	6625	0	0	6545	6410	-1402	17407	0	17407	2002	394	19803	49.98
MUs	150.45	7.52	5.69	163.65	7.36	168.82	0.00	15.57	180.06	177.84	-33.86	489.96	0.00	489.96	48.91	9.43	548.29	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 05/Feb/2023

Position as on 6.30 Hrs of 06/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
TPC-G	Trombay 5	500	18/01/2023	01:10		Continued.	Annual Overhaul	15/02/2023
IPP	Dhariwal	300	05/02/2023	00:00		Continued.	Annual Overhaul	22/02/2023
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	07/02/2023
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
IPP	JSW (J) U3	300	28/01/2023	06:38		Continued.	Non availability of load schedule	
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	06/02/2023
MSPGCL	Chandrapur Unit 9	500	02/02/2023	12:59	05/02/2023	22:36	Boiler Tube Leakage	05/02/2023
MSPGCL	Koradi Unit-10	660	06/02/2023	05:05		Continued.	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 05/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 06/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/Tripping							
TIE BAY (415) OF 500MVA ICT - 2 & STATION TF 4A @ DEEPNAGAR	IntraState	02/02/2023	17:54			PO	For servicing & overhauling of 400kV AREVA make STN-4A Tie C.B. Mechanism
400 KV LINE Outages/Tripping							
TALANDGE - KOLHAPUR (PG) CKT - 1	InterState	28/11/2022	10:12			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. Same is approved by Ministry of Power (MOP) vide their office memorandum dt 01.12.2021 . AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS-2.
PADGHE - TARAPUR CKT - 1	InterState	05/02/2023	15:58	05/02/2023	18:38	T	Distance Protection
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	16/01/2023	11:34			HT	For load management
DEEPNAGAR - THAPTI TANDA	IntraState	06/02/2023	06:28			PO	For string replacement & Chemical Washing..
400 KV ICT Outages/Tripping							
400/220/33 KV 600 MVA ICT - 4 @ PADGHE	IntraState	03/02/2023	12:46	06/02/2023	00:19	PO	for oil filtration, Dagonostic testing and maintenance work
220 KV TBC Outages/Tripping							
TBC @ MAHAPE	IntraState	05/02/2023	10:15	05/02/2023	15:20	PO	CGL make circuit breaker mechanism overhauling work.
220 KV LINE Outages/Tripping							
NIGADE- PETH LINE	IntraState	30/01/2023	12:32			PO	For erection of new DXS tower at Loc. No. 81(220KV Karad-Mudshingi ckt) for 132KV Peth-Borgaon Line crossing & dismantling of existing D/C tower loc. No. 81 of old Karad - Mudshingi Ckt. 1 & 2 line.
EKLAHARE (OCR) - PADGHE	IntraState	01/02/2023	18:13	05/02/2023	08:20	HT	For load mgmt
PADGHE - TEMGHAR - 2	IntraState	04/02/2023	10:20	06/02/2023	00:55	HT	HT for Load management
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	04/02/2023	18:33			HT	For load management
HINJAWADI I- CHINCHWAD	IntraState	04/02/2023	22:05	05/02/2023	01:48	HT	For Talegaon PG - Talegaon Ambi ckt 2 outage
SAHARA-URSE	IntraState	04/02/2023	22:17	05/02/2023	01:47	HT	For 220 KV Talegaon PG - Talegaon Ambi ckt 2 emergency outage
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	04/02/2023	22:17	05/02/2023	00:28	HT	For load management
TALEGAON (AMBI)-TALEGAON (PG) CKT 2	IntraState	04/02/2023	23:06	05/02/2023	01:37	HT	For emergency work at Talegaon PG end .
LONAND-BARAMATI	IntraState	05/02/2023	07:02	05/02/2023	09:36	T	TRIPPED ON DISTANCE PROTECTION
WAGHIVALI - DHARAVI 7	IntraState	05/02/2023	07:17	05/02/2023	08:08	PO	Emergency tree trimming in span 95-96
HINJAWADI I- CHINCHWAD	IntraState	05/02/2023	11:21	05/02/2023	20:22	PO	For insertion of steel cage in the pit of tower no 161 A- Monopole Type 220V MC- PD(30-60)
SAHARA-URSE	IntraState	05/02/2023	12:56	05/02/2023	20:10	HT	H/T FOR TALEGAON AMBI CKT-2 E/O WORK
TALEGAON (AMBI)-TALEGAON (PG) CKT 2	IntraState	05/02/2023	13:29	05/02/2023	20:00	EO	R-ph CT replacement work of PGCIL-II line bay, Half yearly maintenance, Diagnostic testing.
TALANDGE - SAWANTWADI	IntraState	05/02/2023	13:45	05/02/2023	20:05	T	Distance Protection
EKLAHARE (OCR) - PADGHE	IntraState	05/02/2023	17:54			HT	HT for Load Management

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 06/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	06/02/2023	05:25			PO	1.Bunching at Loc No.329. 2.Erection - 4 Nos. Of Monopole and 1 No. Of Lattice Pole. 3.Stringing- 6 spans. 4.Dismantling - 3 Nos. Of lattice tower. 5.Destrining- 4 Spans
GHATGHAR - BAPGAON	IntraState	06/02/2023	05:41			PO	1.Bunching at Loc No.329. 2.Erection - 4 Nos. Of Monopole and 1 No. Of Lattice Pole. 3.Stringing- 6 spans. 4.Dismantling - 3 Nos. Of lattice tower. 5.Destrining- 4 Spans
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.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/33KV 50MVA T/F-I @ BRIDGESTONE	IntraState	05/02/2023	08:57	05/02/2023	17:49	PO	For Annual maintence and Testing work of TF and 33kv Bus maintenace work.
220/100 KV 125 MVA ICT 2 @ JAMBHUL	IntraState	05/02/2023	09:50	05/02/2023	18:17	PO	Anticorrosive Painting/ Chemical Resistance Coating.
220/132KV 100MVA ICT 1 @ CHAKAN PHASE II	IntraState	05/02/2023	10:05	05/02/2023	15:05	PO	OLTC repairing work.

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