

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 02/Jan/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.674	290.757	1) Gujrat	-6.994	-11.777
2) Hydro	14.474	21.749	2) Madhya Pradesh	2.759	5.911
3) Gas	2.279	5.957	3) Chattisgarh	5.870	12.120
Total MSPGCL	157.427	318.463	4) Maharashtra	183.449	359.659
B) 1) APLM	50.383	86.545	5) Goa (Amona)	-1.653	-2.746
2) JSWEL	22.070	40.546	Total	183.431	363.167
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.056	41.491
4) RPL(AMT)	20.382	41.499	b) Mumbai Drawl	26.183	48.842
5) SWPGPL	8.391	16.632	c) MSEDCL Bilateral *	82.443	161.295
6) Other IPP	45.782	91.096	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.056	41.491
C) 1) TPCL Thermal	10.636	20.221	Include PX	0.000	0.000
2) TPCL Hydro	3.379	5.049	Standby	0.000	0.000
3) TPCL Gas	2.787	4.847	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.791	16.101	1) MSEDCL	470.883	925.940
D) STATE			2) Mumbai Discoms	51.776	95.060
1) Thermal	307.109	603.397	3) Other Discoms	9.793	18.978
(A1+C1+C4+(B1-B6))			TOTAL STATE	532.452	1039.978
2) Hydro (A2+C2)	17.853	26.798			
3) Gas (A3+B7+C3)	5.066	10.804			
4) Wind	6.218	9.963			
6) SOLAR	12.775	25.849			
TOTAL STATE	349.021	676.811			

* 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 1 Hrs
MSPGCL Thermal	6249	6226	6214	5044
MSPGCL Hydro	699	287	1604	183
MSPGCL Gas	93	89	95	96
MSPGCL Total Generation	7041	6602	7913	5323
Central Sector Receipt	9505	9478	6322	6824
WIND	113	84	149	425
CPP / IPP Thermal	6780	6477	6957	4894
CPP / IPP Gas	0	0	0	0
SOLAR	1827	1951	1	0
Exchange with Mumbai	-1473	-1465	-1104	-834
MSEDCL DEMAND MET	23379	22708	19773	16262
Load Shedding	0	0	0	0
MSEDCL DEMAND	23379	22708	19773	16262
TPCL GENERATION	725	707	1003	497
AEML GENERATION	497	494	489	293
MUMBAI DEMAND	2695	2666	2596	1624
OTHER DISCOM DEMAND	414	419	465	370
STATE DEMAND MET	26488	25793	22834	18256
STATE DEMAND	26488	25793	22834	18256
Frequency (Hz)	49.92	49.95	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.36 Hz at 06.04 Hrs	49.74 Hz at 11.50 Hrs	49.99	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 02/Jan/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.99	10.08	220	190
Unit 7	0.00	0.00	0	0
Unit 8	13.82	26.59	625	524
Unit 9	0.00	10.08	0	0
Unit 10	13.16	26.44	570	516
Total	31.98	73.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.66	19.55	475	280
Unit 5	9.20	18.88	430	280
Total	18.87	38.42		
Parli				
Unit 6	4.50	8.76	231	143
Unit 7	4.71	9.06	245	144
Unit 8	3.72	7.34	165	144
Total	12.93	25.16		
Chandrapur				
Unit 3	3.42	6.71	160	120
Unit 4	3.12	6.02	142	117
Unit 5	7.08	14.19	315	280
Unit 6	8.61	16.87	420	275
Unit 7	0.00	0.00	0	0
Unit 8	10.51	20.90	494	276
Unit 9	10.76	21.50	498	298
Total	43.50	86.19		
Paras				
Unit 3	4.75	9.86	228	148
Unit 4	0.00	0.00	0	0
Total	4.75	9.86		
Khaparkheda				
Unit 1	2.64	5.51	115	105
Unit 2	2.81	5.81	137	92
Unit 3	3.89	7.57	182	132
Unit 4	3.06	6.17	138	115
Unit 5	10.03	20.57	465	275
Total	22.43	45.64		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.20	6.29	148	120
Unit 5	3.01	6.00	143	109
Total	6.21	12.29		
Uran				
All Units	2.28	5.96	98	89
Total	2.28	5.96		
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)	0.40	0.89	43	0
Total	0.40	0.89		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.14	6.40	550	40
Stage 4	4.20	4.91	566	0
Stage 3	1.94	2.40	314	0
Total	10.27	13.72		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	0.04	0.04	29	0
TILLARI	0.68	1.41	58	0
BHIRA T.R.	0.12	0.30	40	0
SMLHY_PTN	1.30	2.41	64	46
GHATGHAR	0.80	1.26	125	0
Total	3.81	7.14		
Wind				
Total	6.22	9.96	0	0
Total	6.22	9.96		
CPP				
APML(Mus)	50.38	86.54	0	0
JSWEL(Mus)	22.07	40.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.38	41.50	0	0
SWPGPL-Mus	8.39	16.63	0	0
Other(Mus)	45.78	91.10	0	0
Total	147.01	276.32		
SOLAR				
Total	12.78	25.85	0	0
Total	12.78	25.85		
Tata				
Trombay 5	7.00	13.44	387	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.64	2.77	107	46
Trombay 7B	1.15	2.08	65	37
TATA Hydro	3.38	5.05	395	5
Trombay 8	3.63	6.78	217	131
Total	16.80	30.12		
AEML				
DTPS U-1&2	8.79	16.10	497	282
Total	8.79	16.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.67	290.76	MSPGCL Total	157.43	318.46
			MSPGCL Thml+Gas	142.95	296.71	Koyna 1,2 & 4 Total	8.34	11.32
			MSPGCL Hydro	14.47	21.75	State Total	349.02	676.81

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Jan/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	5044	183	96	5323	425	4894	0	0	7100	6824	-834	16262	0	16262	1624	370	18256	50.01
2	5028	182	97	5307	415	5051	0	0	7175	6977	-737	16662	0	16662	1518	351	18531	50.00
3	4909	183	98	5190	559	5149	0	0	7236	6815	-664	16723	0	16723	1449	326	18498	50.00
4	4833	183	97	5113	646	5112	0	0	7287	6894	-645	16795	0	16795	1420	325	18540	50.01
5	5074	181	98	5353	605	5199	0	0	7334	7193	-642	17378	0	17378	1425	331	19133	50.03
6	5545	242	98	5885	488	5269	0	0	7606	7482	-778	17983	0	17983	1559	363	19905	50.06
7	6157	474	97	6728	475	5740	0	2	7780	7679	-947	19274	0	19274	1744	404	21421	50.09
8	6270	603	97	6970	353	6494	0	159	7718	7256	-891	19925	0	19925	1920	416	22261	50.00
9	6305	977	98	7380	243	6981	0	677	7113	7114	-1037	20930	0	20930	2215	429	23573	50.01
10	6217	1206	97	7520	144	6994	0	1272	7661	8064	-1106	22447	0	22447	2486	441	25374	49.98
11	6259	1450	96	7805	143	6924	0	1676	8364	8593	-1302	23397	0	23397	2649	442	26488	50.09
12	6249	699	93	7041	113	6780	0	1827	8875	9505	-1473	23379	0	23379	2695	414	26488	49.92
13	6226	287	89	6602	84	6477	0	1951	9133	9478	-1465	22708	0	22708	2666	419	25793	49.95
14	6206	184	93	6483	80	6362	0	1811	9121	9327	-1549	22100	0	22100	2537	414	25051	50.00
15	6192	312	91	6595	70	6321	0	1595	9316	9583	-1574	22150	0	22150	2558	440	25148	49.92
16	6199	650	90	6939	65	6503	0	1150	9086	9161	-1565	21798	0	21798	2585	455	24838	49.91
17	6224	1329	93	7646	75	6761	0	561	7623	7469	-1318	20727	0	20727	2574	467	23768	49.91
18	6214	1284	94	7592	97	6856	0	93	6781	6784	-1081	20001	0	20001	2557	340	22898	49.92
19	6214	1604	95	7913	149	6957	0	1	6474	6322	-1104	19773	0	19773	2596	465	22834	49.98
20	6233	1295	95	7623	176	6962	0	0	6169	6428	-1011	19701	0	19701	2604	477	22782	49.91
21	6098	308	94	6500	174	6237	0	0	6804	7098	-1173	18385	0	18385	2334	450	21170	49.99
22	5812	258	94	6164	226	5884	0	0	6902	7165	-1246	17749	0	17749	2183	444	20376	50.07
23	5696	198	94	5988	215	5728	0	0	7046	6981	-1079	17420	0	17420	2020	413	19853	49.99
24	5470	202	95	5767	198	5371	0	0	7268	7239	-962	17215	0	17215	1858	398	19471	49.95
MUs	140.67	14.47	2.28	157.43	6.22	147.01	0.00	12.77	182.97	183.43	-26.18	470.88	0.00	470.88	51.78	9.79	532.45	49.99

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 02/Jan/2023

Position as on 6.30 Hrs of 03/Jan/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	01/02/2023
IPP	Adani U-5	660	10/12/2022	23:56		Continued.	COH activities.	10/01/2023
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.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	07/01/2023
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	
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.	03/01/2023
MSPGCL	Nasik Unit 3	210	07/12/2022	21:25		Continued.	Boiler Tube Leakage. Unit on tolling from 22:00Hrs Dtd 09.12.2022	
IPP	RPL(AMT) U-3	270	25/12/2022	17:45		Continued.	Bottom Ash evacuation problem	02/01/2023
IPP	SWPGPL U-4	135	28/12/2022	00:00		Continued.	BOTTOM ASH EVACUATION PROBLEM	03/01/2023
IPP	Adani U-4	660	28/12/2022	12:46	02/01/2023	00:56	APH-B gear box abnormal sound.	01/01/2023
MSPGCL	Paras Unit 4	250	30/12/2022	22:09		Continued.	Boiler Tube Leakage	02/01/2023
MSPGCL	Bhusawal Unit 3	210	31/12/2022	09:43		Continued.	Boiler Tube Leakage	03/01/2023
MSPGCL	Uran Unit 8	108	01/01/2023	23:55		Continued.	for filter replacement of GT-8	
MSPGCL	Uran Unit B0	120	01/01/2023	23:56		Continued.	for filter replacement of GT-8	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2023

Statement-VII

Position as on 6.30 Hrs of 03/Jan/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							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
400 KV LINE Outages/Trippings							
KOLHAPUR - 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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
KHADKA-AURANGABAD (WALUJ)	IntraState	01/01/2023	20:57	02/01/2023	06:42	HT	To control overvoltage
JAIGAD - KARAD CKT - 1	IntraState	01/01/2023	21:47	02/01/2023	11:36	HT	H/T FOR O/V
TBC @ CHAKAN	IntraState	02/01/2023	10:46	02/01/2023	18:18	PO	For Replacement of old scissprs of of Bus A 89A Rph, Yph, Bph PG Isolators along with Routine Testing and Maintenance Work. 400kV 89A PG isolators Rph , Yph and B ph Hanger rods wll be replaced by Hotline method. For the same permission is required to work online on 400kV Bus A.
CHANDRAPUR 2 - DHARIWAL CKT - 2	IntraState	02/01/2023	10:53	02/01/2023	14:54	PO	Detailed inspection of DT circuit cable
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	18/12/2022	22:52			HT	To control overloading
EKLAHARE (OCR) - PADGHE	IntraState	19/12/2022	18:12			HT	HT for Load Management
LAMBOTI - KARKAMB	IntraState	29/12/2022	12:26	02/01/2023	18:08	PO	Outage is required For replacement of old Tower at Loc no. 432 & 436 by new B+6 type tower due to low ground clearance along with necessary stringing work.
LAMBOTI - PANDHARPUR	IntraState	29/12/2022	12:42	02/01/2023	17:55	PO	Outage is required for replacement of old Tower at Loc no. 432 & 436 by new B+6 type tower due to low ground clearance along with necessary stringing work.
SADAWAGHAPUR KARAD CKT 1	IntraState	01/01/2023	14:19	02/01/2023	21:14	T	Y ph CT burst at Sadawaghapur end
BAPGAON - KALWA	IntraState	02/01/2023	03:47	02/01/2023	10:12	T	TRIPPED ON DISTANCE PROTECTION
POPHLI PEDHMBE LINE- 1	IntraState	02/01/2023	08:25	02/01/2023	19:30	PO	Cold washing of insulator strings, emergency tree trimming work & other maintenance work at all cut point locations.
TROMBAY SALSETTE LINE-2	IntraState	02/01/2023	22:58	03/01/2023	05:15	PO	400 KV KVPTL WORK PROJECT WORK
MALEGAON-SATANA	IntraState	03/01/2023	06:17			HT	To control overload
PEDHAMBE ONI LINE	IntraState	03/01/2023	09:15			PO	For cold washing of line insulators.
NAGOTHANE - WADKHAL (GIS) CKT-2	IntraState	03/01/2023	10:23			PO	cold line insulator cleaning work
TEMBHURNI - JEUR	IntraState	03/01/2023	10:50			PO	Outage is required for Replacement of Faulty string at Loc. No. 174 (R-ph), 179 (R-ph), 171 (R-ph) & 175 (B-ph) Found during PID

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2023

Statement-VII

Position as on 6.30 Hrs of 03/Jan/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
VITTAL SUGAR CO GEN (VSSK) - JEUR	IntraState	03/01/2023	10:52			PO	Outage is required for Replacement of Faulty string at Loc. No. 174 (R-ph), 179 (R-ph), 171 (R-ph) & 175 (B-ph) Found during PID
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
220/22 KV 25 MVA PTR 1 @ NAGOTHANE	IntraState	02/01/2023	01:05	02/01/2023	14:37	PO	HV CT Y & B- PH REPLACEMENT WORK.
220/132-110KV 100MVA PTR 2 @ WATHAR	IntraState	02/01/2023	10:10	02/01/2023	17:25	PO	Quarterly maint. Works
220/132 KV 150 MVA ICT 3 @ EKLAHRE (OCR)	IntraState	02/01/2023	11:08			PO	Continuous outage for 2 dyas required for ICT 3 oil filtration work
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	03/01/2023	11:11			PO	Diagnostic testing & quarterly maintenance Work.

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