

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jan/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.995	3296.389	1) Gujrat	-9.714	-153.109
2) Hydro	8.560	267.979	2) Madhya Pradesh	4.138	113.675
3) Gas	5.970	108.971	3) Chattisgarh	6.640	135.980
Total MSPGCL	141.525	3673.339	4) Maharashtra	137.993	3011.794
B) 1) APML	61.484	1559.513	5) Goa (Amona)	-1.340	-33.232
2) JSWEL	14.903	325.322	Total	137.717	3075.108
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.580	499.259
4) RPL(AMT)	20.493	575.943	b) Mumbai Drawl	24.232	542.339
5) SWPGPL	7.473	138.853	c) MSEDCL Bilateral *	79.023	1356.811
6) Other IPP	39.695	881.648	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.580	499.136
C) 1) TPCL Thermal	10.164	239.048	Include PX	0.000	0.000
2) TPCL Hydro	0.983	87.851	Standby	0.000	0.123
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.748	196.117	1) MSEDCL	427.714	9865.649
D) STATE			2) Mumbai Discoms	40.127	1074.694
1) Thermal	285.955	7212.833	3) Other Discoms	7.499	212.066
(A1+C1+C4+(B1-B6))			TOTAL STATE	475.340	11152.409
2) Hydro (A2+C2)	9.543	355.830			
3) Gas (A3+B7+C3)	5.970	118.311			
4) Wind	29.882	239.314			
6) SOLAR	6.273	151.014			
TOTAL STATE	337.623	8077.302			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5753	5208	5405	4745
MSPGCL Hydro	473	428	317	257
MSPGCL Gas	258	248	240	272
MSPGCL Total Generation	6484	5884	5962	5274
Central Sector Receipt	7656	6735	5422	5098
WIND	1484	1822	1101	548
CPP / IPP Thermal	6812	6476	6442	4964
CPP / IPP Gas	0	0	0	0
SOLAR	739	920	0	0
Exchange with Mumbai	-1143	-1224	-1073	-910
MSEDCL DEMAND MET	21713	20306	17513	14663
Load Shedding	0	0	0	0
MSEDCL DEMAND	21713	20306	17513	14663
TPCL GENERATION	605	492	544	405
AEML GENERATION	217	203	159	173
MUMBAI DEMAND	1965	1919	1776	1488
OTHER DISCOM DEMAND	319	307	341	311
STATE DEMAND MET	23997	22532	19630	16462
STATE DEMAND	23997	22532	19630	16462
Frequency (Hz)	50.00	49.99	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 18.00 Hrs	49.73 Hz at 21.06 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 23/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.30	69.04	165	115
Unit 7	0.00	0.00	0	0
Unit 8	12.68	308.27	606	410
Unit 9	13.44	268.26	600	458
Unit 10	12.18	269.48	538	458
Total	41.59	915.05		
Bhusawal				
Unit 3	2.98	63.50	150	115
Unit 4	0.00	100.73	0	0
Unit 5	8.18	196.41	425	280
Total	11.16	360.64		
Parli				
Unit 6	3.60	90.71	157	130
Unit 7	3.78	90.07	230	140
Unit 8	3.65	91.20	204	142
Total	11.03	271.98		
Chandrapur				
Unit 3	0.00	49.03	0	0
Unit 4	0.00	58.23	0	0
Unit 5	7.56	176.33	360	290
Unit 6	7.83	190.70	430	273
Unit 7	7.56	125.68	350	285
Unit 8	0.00	197.03	0	0
Unit 9	8.55	214.15	400	288
Total	31.50	1011.16		
Paras				
Unit 3	3.78	100.12	232	140
Unit 4	3.72	85.91	225	134
Total	7.50	186.03		
Khaparkheda				
Unit 1	3.00	60.64	150	110
Unit 2	0.00	0.00	0	0
Unit 3	3.24	71.31	158	126
Unit 4	3.21	59.25	147	126
Unit 5	8.77	224.19	440	284
Total	18.22	415.40		
Nasik				
Unit 3	3.03	68.45	175	117
Unit 4	0.00	18.28	0	0
Unit 5	2.96	49.40	159	114
Total	6.00	136.13		
Uran				
All Units	5.97	108.97	272	228
Total	5.97	108.97		
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)	0.00	5.90	0	0
Total	0.00	5.90		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.50	54.26	205	35
Stage 4	0.00	31.37	0	0
Stage 3	0.13	18.95	80	0
Total	1.63	104.58		
Hydro				
KDPH	0.43	6.84	18	18
VTRNA	0.74	13.31	60	0
TILLARI	0.52	12.01	58	0
BHIRA T.R.	0.20	5.26	40	0
SMLHY_PTN	5.04	123.93	217	199
GHATGHAR	0.00	2.05	0	0
Total	6.93	163.40		
Wind				
Total	29.88	239.31	0	0
Total	29.88	239.31		
CPP				
APML(Mus)	61.48	1559.51	0	0
JSWEL(Mus)	14.90	325.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.49	575.94	0	0
SWPGPL-Mus	7.47	138.85	0	0
Other(Mus)	39.70	881.65	0	0
Total	144.05	3481.28		
SOLAR				
Total	6.27	151.01	0	0
Total	6.27	151.01		
Tata				
Trombay 5	6.62	156.58	377	257
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	5.17	0	0
Trombay 7B	0.00	4.17	0	0
Trombay 8	3.54	82.47	227	132
TATA Hydro	0.98	87.85	158	0
Total	11.15	336.24		
AEML				
DTPS U-1&2	4.75	196.12	247	145
Total	4.75	196.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.00	3296.39	MSPGCL Total	141.52	3673.34
			MSPGCL Thml+Gas	132.96	3405.36	Koyna 1,2 & 4 Total	1.50	85.63
			MSPGCL Hydro	8.56	267.98	State Total	337.62	8077.30

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Jan/2022

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	4742	287	247	5276	1505	5042	0	0	5150	5069	-955	15652	0	15652	1595	285	17532	49.93
2	5065	273	248	5586	1541	5159	0	0	5081	4612	-878	15735	0	15735	1509	285	17529	49.93
3	5008	272	257	5537	1355	5339	0	0	5038	4627	-814	15790	0	15790	1442	254	17486	50.01
4	5076	355	247	5678	1182	5405	0	0	5012	5008	-776	16228	0	16228	1405	269	17902	50.00
5	5372	269	238	5879	949	5898	0	0	5167	4867	-776	16535	0	16535	1405	282	18222	50.00
6	5595	273	258	6126	1021	6489	0	0	5287	4946	-839	17441	0	17441	1472	302	19215	50.00
7	5743	268	248	6259	907	6822	0	2	5559	5156	-891	17949	0	17949	1530	306	19785	50.03
8	5983	353	250	6586	800	6862	0	81	5952	5818	-955	18877	0	18877	1606	315	20798	50.00
9	5901	456	250	6607	746	6821	0	326	6506	6625	-1009	19798	0	19798	1727	318	21843	50.02
10	5966	540	238	6744	1166	6885	0	531	7070	6725	-1032	20696	0	20696	1876	323	22895	50.00
11	5753	473	258	6484	1484	6812	0	739	8254	7656	-1143	21713	0	21713	1965	319	23997	50.00
12	5427	424	247	6098	1818	6667	0	871	7781	7400	-1182	21346	0	21346	1989	326	23661	50.03
13	5208	428	248	5884	1822	6476	0	920	7146	6735	-1224	20306	0	20306	1919	307	22532	49.99
14	4999	435	237	5671	1932	5583	0	919	6942	7033	-1162	19683	0	19683	1796	293	21772	50.02
15	4883	552	248	5683	1887	5449	0	818	6770	6945	-1124	19358	0	19358	1710	300	21368	50.07
16	5136	382	239	5757	1724	5741	0	632	6655	6821	-1074	19283	0	19283	1640	318	21241	50.04
17	5209	386	228	5823	1566	5949	0	348	5953	5381	-1036	17695	0	17695	1625	336	19656	50.04
18	5181	350	249	5780	1412	5972	0	86	5507	5378	-1003	17291	0	17291	1640	334	19265	50.02
19	5405	317	240	5962	1101	6442	0	0	5330	5422	-1073	17513	0	17513	1776	341	19630	50.02
20	5432	332	260	6024	976	6593	0	0	5394	5218	-1144	17322	0	17322	1849	345	19516	49.98
21	5261	317	251	5829	985	6053	0	0	5400	4912	-1122	16318	0	16318	1814	339	18471	50.00
22	4997	303	261	5561	832	5510	0	0	5363	5163	-1101	15619	0	15619	1734	346	17699	49.98
23	4908	258	251	5417	623	5115	0	0	5214	5102	-1009	14904	0	14904	1615	344	16863	50.01
24	4745	257	272	5274	548	4964	0	0	5036	5098	-910	14663	0	14663	1488	311	16462	50.00
MUs	127.00	8.56	5.97	141.53	29.88	144.05	0.00	6.27	142.57	137.72	-24.23	427.71	0.00	427.71	40.13	7.50	475.34	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 23/Jan/2022

Position as on 6.30 Hrs of 24/Jan/2022

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-4	250	22/11/2021	09:55		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	09/12/2021	01:49		Continued.	CHP coal feeding problem(Converted to Annual Overhaul 00:00Hrs Dt. 18.12.2021)	
MSPGCL	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	13/01/2022	00:00		Continued.	Annual Overhaul	
AEML	AEML Unit 2	250	20/01/2022	08:54		Continued.	Boiler Validity Renevoation	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
TPC-G	Trombay 7A	120	04/01/2022	19:40		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	04/01/2022	20:00		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	07/01/2022	22:00		Continued.	CONDENSER TUBE LEAKAGE	
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Chandrapur Unit 4	210	18/01/2022	23:47		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	19/01/2022	00:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	20/01/2022	12:42		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	20/01/2022	21:15		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 8	500	21/01/2022	23:04	24/01/2022	06:06	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 23/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 24/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Tripping							
Main bay 704 of Koradi 3 ckt 2 @ 765 KV Tiroda	IntraState	22/01/2022	09:34	24/01/2022	04:29	PO	-For (704-52) CB Maintenance & for attending SF6 gas leakage
400 KV LINE Outages/Tripping							
KOLHAPUR - SOLAPUR (PG) CKT - 2	InterState	23/01/2022	10:03	23/01/2022	16:58	HT	Line outage required for replacement of tension insulator at tower nos. 483, 516 and 572.
400 KV WALUJ (400 KV) - BABHALESHWAR CKT	IntraState	04/01/2022	15:46			PO	Height raising work of 400kV Waluj-Babhleshwar line at Loc No. 239 to 240 crossing to Samruddhi Highway i.e. 1. Dismantling of loc No. 239, 240, 241 (all DA+01) 2. Erection of new towers at loc No. 239, 240, 241 (All DD+9) 3. Restraining between Loc No. 237 to 242
TBC 2 @ CHANDRAPUR	IntraState	20/01/2022	12:35			EO	It is very necessary to attend the SF6 gas leakage considering the emergency and urgency. Low gas alarm is continuously appearing in short duration, Hence the problem needs to attend. To attend the SF6 gas leakage from NRV valve of R-ph pole of 400KV BHEL make Circuit Breaker.
NEW KOYNA - DABHOL CKT - 2	IntraState	22/01/2022	06:06	23/01/2022	09:58	T	TRIPPED ON DIST. PROTN
BABHALESHWAR - PADGHE CKT-1	IntraState	22/01/2022	21:40	23/01/2022	02:19	EO	Fixing of rod type bird guard at loc no. 60
JAIGAD - KARAD CKT - 1	IntraState	22/01/2022	22:21	23/01/2022	09:57	HT	H/T FOR O/V
JAIGAD - KARAD CKT - 2	IntraState	23/01/2022	20:46			HT	overvoltage
PADGHE - NAGOTHANE CKT - 1	IntraState	23/01/2022	22:52			HT	Overvoltage
LONIKAND I - KOYNA STAGE-IV	IntraState	24/01/2022	01:15	24/01/2022	08:16	HT	overvoltage
NEW KOYNA - DABHOL CKT - 2	IntraState	24/01/2022	08:30			PO	Hill cutting work & stay erection Excavation work for tower loc. No.94 & Cold washing work & Diagnostic testing & Relay testing work & C.B. Overhauling work Shutting on TBC
400 KV ICT Outages/Tripping							
400/220/33 KV 315 MVA ICT - 2 @ KHARGHAR	IntraState	22/01/2022	20:17	23/01/2022	11:53	PO	For MTAMC project related work and oil leakage attending work
400/220 KV 500MVA ICT - 4 @ KALWA	IntraState	23/01/2022	12:36	23/01/2022	20:57	PO	All diagnostic testing work, Bay maintenance work
220 KV TBC Outages/Tripping							
TBC @ GHODBUNDER	IntraState	20/01/2022	09:30			PO	Annual Maintenance of 220kV Ghodbunder to Dahanu Line -1 & 2
220 KV LINE Outages/Tripping							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 24/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BORIVALI - BOISAR (PG)	IntraState	19/12/2021	09:18	23/01/2022	19:48	PO	1) 220kV PGCIL (Boisar)- Borivali line tapping will be done to 220kV Kamba-Vasai line at loc no. 204. After that 220KV PGCIL-Vasai Line will be charged at 18:00 Hrs on 19.12.2021 & it will be in service till 30.01.2022 for 43 days. 2) This work is required for DFCCIL work of Temporary shifting of existing of 100kV D/C padgha -Vasai Line between loc no. 85-93 on existing line corridor of D/C 220kV PadghaNalasopara-Vasai Tap line and 220kV Kamba Vasai Line between location no 8 to 14.
PADGHE - NALASOPARA - VASAI (T)	IntraState	19/12/2021	10:06	23/01/2022	19:48	PO	1) 220KV Padgha Nalasopara - Vasai Tap line 2 Jumper will open at loc.33 ,35 and loc no.204 after that link line i.e. 220kV Nalasopara- Vasai link line will be charged at 12:00 hrs on dtd: 19.12.2021. this link line will be in service for 43 days continuous i.e 1024 hrs.
PADGHE - TEMGHAR - 2	IntraState	02/01/2022	23:25			HT	conductor replacement work
TEMGHAR - KALWA	IntraState	13/01/2022	23:10				As safety precaution for the replacement of CB pole of 220/22 kV, 50MVA PTR-2
DAHANU - GHODBUNDER CKT - 1	IntraState	20/01/2022	09:23				Modification / relocation of existing tower no LS 45 to 47 at Vangoan for NHRCL Project. 2) Modification / relocation of existing tower no LS 191 to 194 at Virar for DFCCIL project. Details of activity to be carried out: 1. De-stringing of existing conductors & OPGW cable. 2. Dismantling of existing towers. 3. Erection of Towers. 4. Re-stringing of conductors & OPGW cable.
DAHANU - GHODBUNDER CKT - 2	IntraState	20/01/2022	09:27				Modification / relocation of existing tower no LS 45 to 47 at Vangoan for NHRCL Project.2) Modification / relocation of existing tower no LS 191 to 194 at Virar for DFCCIL project. Details of activity to be carried out:1. De-stringing of existing conductors & OPGW cable.2. Dismantling of existing towers.3. Erection of Towers.4. Re-stringing of conductors & OPGW cable.
TPC BORIVALI - AAREY	IntraState	20/01/2022	09:32			PO	For shifting to new GIS with cable extension with transition joint
KANDALGAON - PIRANGUT	IntraState	23/01/2022	04:57	23/01/2022	05:55	T	TRIPPED ON DIST PROTN
BORIVALI - TARAPUR	IntraState	23/01/2022	06:07	23/01/2022	16:12	PO	For safety purposeonly caution permit will be taken . no work will be carried out .

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 24/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KAMBA - VASAI	IntraState	23/01/2022	07:10	23/01/2022	14:47	PO	1) 220V Kamba-Vasai Line & 220KV Borivali-PGCIL was Temporarily converted to 220KV PGCIL-Vasai Line for ORC work of DFCCIL makingtapping amangement at loc no.204. 2) Now work is completed and Circuit is to be normalized by Availing outage on Temporarily formed 220KV PGCIL-Vasai Line for removal of tapping arrangement at Loc no. 204 between 220KV Borivali-PGCIL & 220KV Kamba-Vasai Line and reconnecting jumper at loc no. 205. 3) After removal of tapping two line will be separated and it will become 220KV PGCIL-Borivali line and 220KV Kamba-Vasai line as before & same to be taken in service.
220 KV ICT Outages/Trippings							
220 / 110 / 22KV 250 MVA ICT 2 @ SALSETTE	IntraState	10/10/2020	07:39			PO	FOR CRP PANEL REPLACEMENT
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/12/2021	14:32			PO	Replacement of existing 100 MVA ICT 02 by new 200 MVA ICT 02
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220/110/33KV 250 MVA ICT-5 @ MAHALAXMI GIS (T)	IntraState	23/01/2022	12:02	23/01/2022	16:47	PO	FOR SILICON COATING
220/22 KV 50 MVA PTR 2 @ VASAI	IntraState	23/01/2022	14:25			EO	For attending hot spot on Bph LV bushing of 50VA T/F no.2 (Temp: 99.9 deg c)
220/132KV 100MVA ICT 1@ PETH	IntraState	24/01/2022	09:10			PO	LV R Ph CT oil leakage attending work
220 KV BUSBAR Outages/Trippings							
BUS - B @ PADGHE	IntraState	22/01/2022	01:05	24/01/2022	04:29	PO	For making Stub Bus Twin arrangement of 220Kv Padghe-Temghar-2 Line above the A Bus at Padghe end.

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