

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.818	2705.785	1) Gujrat	0.407	215.215
2) Hydro	6.453	192.974	2) Madhya Pradesh	-1.219	132.970
3) Gas	2.191	50.864	3) Chattisgarh	4.210	122.650
Total MSPGCL	121.462	2949.623	4) Maharashtra	134.770	3664.540
B) 1) APLM	55.510	1254.895	5) Goa (Amona)	-1.396	-30.539
2) JSWEL	13.888	351.305	Total	136.772	4104.836
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.500	780.978
4) RPL(AMT)	23.276	540.863	b) Mumbai Drawl	32.769	856.947
5) SWPGPL	3.891	159.149	c) MSEDCL Bilateral *	68.829	1523.093
6) Other IPP	12.820	193.684	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.500	780.967
C) 1) TPCL Thermal	9.545	233.882	Include PX	0.000	0.000
2) TPCL Hydro	2.954	93.552	Standby	0.000	0.012
3) TPCL Gas	1.848	55.948	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.371	213.397	1) MSEDCL	354.299	8953.546
D) STATE			2) Mumbai Discoms	55.488	1453.704
1) Thermal	240.119	5652.960	3) Other Discoms	8.940	211.804
(A1+C1+C4+(B1-B6))			TOTAL STATE	418.727	10619.054
2) Hydro (A2+C2)	9.407	286.526			
3) Gas (A3+B7+C3)	4.039	106.812			
4) Wind	14.542	244.317			
6) SOLAR	13.847	223.625			
TOTAL STATE	281.954	6514.240			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4175	4753	5233	4404
MSPGCL Hydro	267	305	907	188
MSPGCL Gas	93	89	90	93
MSPGCL Total Generation	4535	5147	6230	4685
Central Sector Receipt	7568	5791	6038	5265
WIND	565	364	431	351
CPP / IPP Thermal	3861	4816	5385	4682
CPP / IPP Gas	0	0	0	0
SOLAR	1506	105	1	0
Exchange with Mumbai	-1447	-1283	-1316	-1435
MSEDCL DEMAND MET	16200	14538	16363	13168
Load Shedding	0	0	0	0
MSEDCL DEMAND	16200	14538	16363	13168
TPCL GENERATION	552	681	810	656
AEML GENERATION	296	369	352	290
MUMBAI DEMAND	2295	2333	2478	2381
OTHER DISCOM DEMAND	388	402	406	380
STATE DEMAND MET	18883	17273	19247	15929
STATE DEMAND	18883	17273	19247	15929
Frequency (Hz)	50.04	50.00	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 18.16 Hrs	49.82 Hz at 00.49 Hrs	50	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/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	49.77	170	120
Unit 7	0.00	0.00	0	0
Unit 8	11.02	188.36	500	406
Unit 9	0.00	59.24	0	0
Unit 10	6.14	218.16	412	0
Total	20.83	515.52		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	7.98	185.23	420	275
Unit 5	8.29	159.24	420	280
Total	16.28	377.00		
Parli				
Unit 6	0.00	89.52	0	0
Unit 7	0.07	77.24	72	0
Unit 8	1.94	64.89	152	0
Total	2.01	231.65		
Chandrapur				
Unit 3	2.60	54.54	123	95
Unit 4	2.99	65.01	150	115
Unit 5	6.86	155.45	315	250
Unit 6	6.80	164.88	325	254
Unit 7	7.65	163.20	350	295
Unit 8	7.71	81.10	417	258
Unit 9	8.28	195.68	427	303
Total	42.89	879.86		
Paras				
Unit 3	4.62	96.20	221	145
Unit 4	0.00	0.16	0	0
Total	4.62	96.36		
Khaparkheda				
Unit 1	2.48	63.70	125	70
Unit 2	3.00	65.96	150	115
Unit 3	3.34	78.82	182	127
Unit 4	3.19	73.40	149	125
Unit 5	8.26	188.35	465	275
Total	20.27	470.24		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	3.03	70.51	162	111
Unit 5	2.88	39.31	156	105
Total	5.92	135.14		
Uran				
All Units	2.19	50.86	94	88
Total	2.19	50.86		
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)	0.60	13.67	25	25
Total	0.60	13.67		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.45	47.98	380	40
Stage 4	0.23	40.30	168	0
Stage 3	0.36	21.26	80	0
Total	2.04	109.55		
Hydro				
KDPH	0.00	6.26	0	0
VTRNA	0.35	4.54	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.30	6.44	80	0
SMLHY_PTN	2.60	47.57	111	103
GHATGHAR	0.57	4.94	125	0
Total	3.82	69.76		
Wind				
Total	14.54	244.32	0	0
Total	14.54	244.32		
CPP				
APML(Mus)	55.51	1254.90	0	0
JSWEL(Mus)	13.89	351.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.28	540.86	0	0
SWPGPL-Mus	3.89	159.15	0	0
Other(Mus)	12.82	193.68	0	0
Total	109.38	2499.90		
SOLAR				
Total	13.85	223.62	0	0
Total	13.85	223.62		
Tata				
Trombay 5	5.97	149.28	280	206
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.98	31.32	106	36
Trombay 7B	0.87	24.62	63	33
TATA Hydro	2.95	93.55	276	27
Trombay 8	3.58	84.60	220	128
Total	14.35	383.38		
AEMIL				
DTPS U-1&2	8.37	213.40	500	284
Total	8.37	213.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.82	2705.78	MSPGCL Total	121.46	2949.62
			MSPGCL Thml+Gas	115.01	2756.65	Koyna 1,2 & 4 Total	1.68	88.28
			MSPGCL Hydro	6.45	192.97	State Total	281.95	6514.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Oct/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	4703	170	92	4965	1122	4242	0	0	5717	5827	-1590	14218	0	14218	2430	348	16996	49.95
2	4647	169	93	4909	1055	4264	0	0	5672	5361	-1500	13774	0	13774	2280	315	16369	49.94
3	4663	169	93	4925	946	4181	0	0	5602	5475	-1413	13796	0	13796	2147	318	16261	49.96
4	4660	168	93	4921	815	4277	0	0	5583	5482	-1318	13887	0	13887	2038	290	16215	50.00
5	4890	176	94	5160	646	4580	0	0	5651	5772	-1251	14626	0	14626	1989	281	16896	50.01
6	5277	175	93	5545	552	4884	0	0	5833	5893	-1198	15341	0	15341	2020	335	17696	50.01
7	5252	255	94	5601	427	5157	0	63	6295	6889	-1139	16636	0	16636	2025	362	19023	50.02
8	5153	226	94	5473	303	5372	0	457	6212	6905	-1154	16987	0	16987	2057	369	19413	50.05
9	4785	215	94	5094	261	4910	0	1078	6562	6608	-1252	16299	0	16299	2157	400	18856	50.06
10	4175	267	93	4535	565	3861	0	1506	6877	7568	-1447	16200	0	16200	2295	388	18883	50.04
11	4111	274	91	4476	1162	3637	0	1777	6659	6508	-1379	15774	0	15774	2423	407	18604	50.02
12	4193	251	89	4533	1067	3715	0	1861	5685	5787	-1475	15094	0	15094	2469	394	17957	50.01
13	4150	239	89	4478	771	3691	0	1925	5257	4733	-1642	13571	0	13571	2455	385	16411	49.99
14	4097	236	88	4421	623	3815	0	1818	4687	4038	-1355	12983	0	12983	2411	377	15771	50.03
15	4260	235	88	4583	512	4373	0	1536	4617	4115	-1295	13422	0	13422	2402	402	16226	49.97
16	4435	173	89	4697	480	4369	0	1159	4946	4275	-1278	13309	0	13309	2403	393	16105	50.00
17	4750	243	88	5081	389	4660	0	561	5289	5161	-1218	14244	0	14244	2372	390	17006	49.99
18	4753	305	89	5147	364	4816	0	105	5789	5791	-1283	14538	0	14538	2333	402	17273	50.00
19	5233	907	90	6230	431	5385	0	1	5596	6038	-1316	16363	0	16363	2478	406	19247	50.04
20	5339	520	89	5948	440	5513	0	0	6263	6091	-1375	16202	0	16202	2517	415	19134	50.01
21	5008	391	91	5490	413	5295	0	0	5927	5972	-1505	15258	0	15258	2509	407	18174	50.00
22	4996	252	92	5340	434	4898	0	0	5613	5791	-1485	14585	0	14585	2470	393	17448	50.00
23	4884	250	92	5226	413	4808	0	0	5559	5426	-1466	14024	0	14024	2426	383	16833	49.98
24	4404	188	93	4685	351	4682	0	0	5546	5265	-1435	13168	0	13168	2381	380	15929	49.97
MUs	112.82	6.45	2.19	121.46	14.54	109.39	0.00	13.85	137.44	136.77	-32.77	354.30	0.00	354.30	55.49	8.94	418.73	50.00

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/Oct/2022

Position as on 6.30 Hrs of 24/Oct/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 Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	15/11/2022
MSPGCL	Bhusawal Unit 3	210	15/10/2022	15:10		Continued.	ZERO SCHEDULE	
MSPGCL	Parli Unit 6	250	23/10/2022	00:00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 7	250	23/10/2022	00:30		Continued.	Zero schedule	
MSPGCL	Parli Unit 8	250	23/10/2022	13:20		Continued.	Zero schedule	
MSPGCL	Chandrapur Unit 4	210	24/10/2022	09:13		Continued.	Zero schedule by MSEDCL	
MSPGCL	Chandrapur Unit 5	500	24/10/2022	09:16		Continued.	Zero schedule by MSEDCL	
MSPGCL	Chandrapur Unit 3	210	24/10/2022	09:27		Continued.	Zero schedule by MSEDCL	
MSPGCL	Chandrapur Unit 6	500	24/10/2022	09:30		Continued.	Zero schedule by MSEDCL	
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	30/12/2022
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	15/11/2022
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
MSPGCL	Uran Unit 5	108	27/09/2022	17:11		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	06/10/2022	21:33		Continued.	Furnace Pressure High	27/10/2022
MSPGCL	Nasik Unit 3	210	08/10/2022	20:05		Continued.	PA FAN 3B motor replacement work Unit # 3 Nashik is under tolling from 08:00 hrs of 10/10/2022 & is available (as PA FAN 3B work is completed)	
MSPGCL	Uran Unit B0	120	09/10/2022	11:53		Continued.	TURBINE PROTECTION OPERATED	28/10/2022
MSPGCL	Uran Unit 8	108	09/10/2022	12:30		Continued.	BOILER PROBLEM	28/10/2022
IPP	JSW (J) U1	300	11/10/2022	02:40		Continued.	No Schedule	
IPP	SWPGPL U-4	135	16/10/2022	14:55	23/10/2022	18:34	Lube oil Pressure Low due	22/10/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Oct/2022

Position as on 6.30 Hrs of 24/Oct/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							to AOP tripping	
MSPGCL	Koradi Unit 9	660	18/10/2022	17:15		Continued.	Boiler Tube Leakage	27/10/2022
IPP	SWPGPL U-3	135	21/10/2022	01:33		Continued.	Coal Shortage	
MSPGCL	Paras Unit 4	250	22/10/2022	16:51		Continued.	Turbine Vibration	05/11/2022
MSPGCL	Koradi Unit-10	660	23/10/2022	06:31	23/10/2022	13:17	Flame Failure	
IPP	SWPGPL U-1	135	23/10/2022	20:29		Continued.	PA Fan Vibration Problem	26/10/2022

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

Statement-VII

Position as on 6.30 Hrs of 24/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV TBC Outages/Tripping							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	22/10/2022	21:56	23/10/2022	00:44	EO	Pole I Base Filter Z1 -Z2 (200 MVAR) at HVDC Terminal Station, Chandrapur
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	24/10/2022	16:28	24/10/2022	20:19	EO	For attending oil leakage of Pole-1 R-ph Converter transformer at 3b turret
400 KV TIEBAY Outages/Tripping							
TIE BREAKER (411) OF KORADI CKT 1 AND STATION TF-2 @ NANDGAONPETH	InterState	13/10/2022	11:42			EO	SF6 Gas Replenishment in Tie breaker (411) due to low SF6 Gas Alarm is coming intermittently and Density Monitor level is showing near alarm value.
TIE BAY (405) OF PGCIL & ICT - 2 @ LAMBOTI	IntraState	24/10/2022	12:29	24/10/2022	14:00	EO	AIR LEAKAGE FROM EMERGENCY SWITCH ASSEMBY OF CB 405
400 KV MAINBAY Outages/Tripping							
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/Tripping							
KALWA - TALEGAON (PG)	InterState	23/10/2022	13:23	23/10/2022	16:30	PO	Installation of firedwedge type connectors at various locations near Gantry & substations.
DHULE - SSNNL CKT - 2	InterState	23/10/2022	13:32	23/10/2022	17:07	T	Tripped on Over Voltage.
DHULE - SSNNL CKT - 1	InterState	24/10/2022	22:04		Continued.	HT	Overvoltage
KARAD - LONIKAND I	IntraState	10/10/2022	09:28			PO	1. Errection of 315A & 316 in line tower. 2. Loc no. 315 to 315A S/C stringing. 3. Loc no. 315A to 33(D/C LILO tower) stringing. 4. Loc No. 316 to 33(D/C LILO tower) stringing. 5. Dismantling of existing in line tower at loc no 316.
JAIGAD - KARAD CKT - 1	IntraState	21/10/2022	23:47			HT	H/T to control Over Voltage.
KHADKA-AURANGABAD (WALUJ)	IntraState	22/10/2022	23:41			HT	To control overvoltage
KHARGHAR - TALEGAON (PG)	IntraState	23/10/2022	06:27	23/10/2022	12:06	PO	Installation of firedwedge type Connectors at various locations.
PADGHE - NAGOTHANE CKT - 1	IntraState	24/10/2022	21:50		Continued.	HT	Overvoltage
LONIKAND I - KOYNA STAGE-IV	IntraState	24/10/2022	23:48		Continued.	HT	HT for Overvoltage control
400 KV ICT Outages/Tripping							
400/220 KV 3X105 MVA ICT - 1 @ NAGOTHANE	IntraState	24/10/2022	16:35	24/10/2022	17:57	EO	To attained Damaged Neutral CT
220 KV LINE Outages/Tripping							
AEML BORIVALI - TPC BORIVALI LINE	IntraState	11/10/2022	11:57	23/10/2022	10:38	T	Tripped due to cable fault
BORIVALI - TARAPUR	IntraState	18/10/2022	09:21	24/10/2022	20:36	PO	Conductor replacement work under Scheme from Loc No.19-28 (Yph & Bph).
GOREGAON - AAREY CKT - 2	IntraState	23/10/2022	00:23		Continued.	EO	Hot spot observed on Y phase CB 252 Connector Pad
VITA - KHANAPUR LINE	IntraState	23/10/2022	11:01	23/10/2022	12:20	PO	Diagnostic Testing Work
BIDRI - SAWANTWADI	IntraState	23/10/2022	11:25	23/10/2022	13:50	T	Tripped on Dist. Protecton
TROMBAY - ANTOP HILL CKT - 1	IntraState	23/10/2022	11:53	23/10/2022	13:10	PO	Work in Vicinity of line for tree trimming in Span 21-22

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

Statement-VII

Position as on 6.30 Hrs of 24/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DASTURI-KANDALGAON LINE	IntraState	23/10/2022	13:31	23/10/2022	22:45	T	Distance Protection
BIDRI - SAWANTWADI	IntraState	23/10/2022	22:12	24/10/2022	09:53	HT	To control overvoltage
TROMBAY MSETCL TIE - 2	IntraState	24/10/2022	11:13	24/10/2022	15:28	EO	Oil leakage
DASTURI-KANDALGAON LINE	IntraState	24/10/2022	14:45	24/10/2022	19:30	T	Tripped on Dist. Protection
BIDRI - SAWANTWADI	IntraState	24/10/2022	15:10		Continued.	HT	H/T For voltage control
AAREY - MSETCL BORIVALI CKT - 2	IntraState	24/10/2022	22:53			T	R-ph Differential 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.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220/33kV 50MVA TF-3 @ 5 STAR MIDC	IntraState	24/10/2022	09:45	24/10/2022	14:05	PO	For diagnostic testing of TF 3 and HV CB, CTs, relay testing, quarterly maintenance.
110 KV LINE Outages/Trippings							
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.

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