

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Oct/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.589	2592.967	1) Gujrat	3.851	214.808
2) Hydro	5.921	186.521	2) Madhya Pradesh	1.663	134.189
3) Gas	2.188	48.673	3) Chattisgarh	5.100	118.440
Total MSPGCL	123.698	2828.161	4) Maharashtra	153.965	3529.770
B) 1) APLM	58.735	1199.385	5) Goa (Amona)	-1.585	-29.143
2) JSWEL	14.378	337.417	Total	162.994	3968.064
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.218	750.479
4) RPL(AMT)	23.802	517.587	b) Mumbai Drawl	41.214	824.178
5) SWPGPL	4.602	155.258	c) MSEDCL Bilateral *	72.220	1454.263
6) Other IPP	12.061	180.864	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.218	750.467
C) 1) TPCL Thermal	8.570	224.337	Include PX	0.000	0.000
2) TPCL Hydro	4.061	90.598	Standby	0.000	0.012
3) TPCL Gas	1.866	54.100	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.994	205.026	1) MSEDCL	378.460	8599.247
D) STATE			2) Mumbai Discoms	63.705	1398.216
1) Thermal	245.731	5412.841	3) Other Discoms	9.132	202.864
(A1+C1+C4+(B1-B6))			TOTAL STATE	451.297	10200.327
2) Hydro	9.982	277.119			
(A2+C2)					
3) Gas	4.054	102.773			
(A3+B7+C3)					
4) Wind	16.109	229.775			
6) SOLAR	12.427	209.778			
TOTAL STATE	288.303	6232.286			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4980	5268	5503	4548
MSPGCL Hydro	199	229	313	171
MSPGCL Gas	92	89	89	95
MSPGCL Total Generation	5271	5586	5905	4814
Central Sector Receipt	7272	6883	7140	6344
WIND	457	534	1008	470
CPP / IPP Thermal	5148	5168	5790	4753
CPP / IPP Gas	0	0	0	0
SOLAR	895	100	0	0
Exchange with Mumbai	-1655	-1794	-1655	-1389
MSEDCL DEMAND MET	16981	16051	17767	14690
Load Shedding	0	0	0	0
MSEDCL DEMAND	16981	16051	17767	14690
TPCL GENERATION	537	738	863	482
AEML GENERATION	317	284	341	297
MUMBAI DEMAND	2509	2816	2859	2168
OTHER DISCOM DEMAND	407	426	421	302
STATE DEMAND MET	19897	19293	21047	17160
STATE DEMAND	19897	19293	21047	17160
Frequency (Hz)	50.00	50.01	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 13.02 Hrs	49.86 Hz at 00.34 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 22/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.50	46.09	190	105
Unit 7	0.00	0.00	0	0
Unit 8	10.87	177.34	488	381
Unit 9	0.00	59.24	0	0
Unit 10	9.22	212.03	400	337
Total	23.59	494.70		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	8.64	177.24	425	275
Unit 5	5.83	150.95	385	0
Total	14.47	360.73		
Parli				
Unit 6	4.03	89.52	227	141
Unit 7	3.88	77.17	220	140
Unit 8	3.52	62.95	171	125
Total	11.42	229.64		
Chandrapur				
Unit 3	2.25	51.94	100	86
Unit 4	3.00	62.02	141	116
Unit 5	6.92	148.59	325	265
Unit 6	7.06	158.09	345	270
Unit 7	6.88	155.55	318	266
Unit 8	0.51	73.40	238	0
Unit 9	8.28	187.40	417	285
Total	34.92	836.97		
Paras				
Unit 3	4.65	91.57	218	153
Unit 4	0.16	0.16	74	0
Total	4.81	91.73		
Khaparkheda				
Unit 1	2.76	61.22	130	95
Unit 2	3.01	62.96	145	115
Unit 3	3.33	75.49	157	126
Unit 4	3.15	70.20	140	125
Unit 5	8.15	180.10	425	275
Total	20.40	449.97		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	3.08	67.47	159	119
Unit 5	2.90	36.42	162	108
Total	5.98	129.22		
Uran				
All Units	2.19	48.67	95	88
Total	2.19	48.67		
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	13.07	25	25
Total	0.60	13.07		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.60	46.53	350	40
Stage 4	0.00	40.07	0	0
Stage 3	0.39	20.90	80	0
Total	1.99	107.51		
Hydro				
KDPH	0.00	6.26	0	0
VTRNA	0.57	4.19	61	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.34	6.14	77	0
SMLHY_PTN	2.42	44.98	108	91
GHATGHAR	0.00	4.37	0	0
Total	3.33	65.94		
Wind				
Total	16.11	229.78	0	0
Total	16.11	229.78		
CPP				
APML(Mus)	58.74	1199.38	0	0
JSWEL(Mus)	14.38	337.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.80	517.59	0	0
SWPGPL-Mus	4.60	155.26	0	0
Other(Mus)	12.06	180.86	0	0
Total	113.58	2390.51		
SOLAR				
Total	12.43	209.78	0	0
Total	12.43	209.78		
Tata				
Trombay 5	5.28	143.32	259	203
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.98	30.35	87	36
Trombay 7B	0.88	23.75	59	33
TATA Hydro	4.06	90.60	383	24
Trombay 8	3.30	81.02	173	124
Total	14.50	369.04		
AEMIL				
DTPS U-1&2	7.99	205.03	500	284
Total	7.99	205.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.59	2592.97	MSPGCL Total	123.70	2828.16
			MSPGCL Thml+Gas	117.78	2641.64	Koyna 1,2 & 4 Total	1.60	86.60
			MSPGCL Hydro	5.92	186.52	State Total	288.30	6232.29

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 22/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	4509	212	93	4814	928	4703	0	0	6162	6358	-1690	14762	0	14762	2620	351	17733	49.98
2	4498	331	93	4922	819	4712	0	0	6113	6328	-1599	14868	0	14868	2429	314	17611	49.99
3	4464	166	94	4724	610	4695	0	0	6259	6405	-1505	14620	0	14620	2281	309	17210	49.99
4	4548	171	95	4814	470	4753	0	0	6151	6344	-1389	14690	0	14690	2168	302	17160	49.99
5	4727	165	95	4987	366	4989	0	0	6403	6420	-1345	15097	0	15097	2126	320	17543	50.00
6	4894	168	94	5156	421	5223	0	6	7031	7066	-1325	16205	0	16205	2165	342	18712	50.00
7	5127	471	93	5691	489	5524	0	41	6691	6739	-1309	16797	0	16797	2198	378	19373	50.01
8	5152	196	93	5441	532	5540	0	346	7143	7143	-1467	17141	0	17141	2289	394	19824	50.01
9	4980	199	92	5271	457	5148	0	895	7244	7272	-1655	16981	0	16981	2509	407	19897	50.00
10	4644	244	92	4980	521	4510	0	1284	7276	7152	-1689	16361	0	16361	2770	397	19528	49.99
11	4458	260	90	4808	548	3901	0	1627	7567	7570	-1971	16080	0	16080	3016	403	19499	50.02
12	4465	261	89	4815	572	3759	0	1677	7221	7169	-2080	15522	0	15522	3108	390	19020	50.06
13	4386	245	88	4719	550	3612	0	1753	6996	6824	-2051	15007	0	15007	3088	400	18495	50.00
14	4450	233	88	4771	438	3620	0	1632	6624	6873	-2088	14865	0	14865	2960	381	18206	50.07
15	4490	229	88	4807	464	3938	0	1474	6897	7164	-2145	15323	0	15323	2966	379	18668	50.00
16	4610	231	88	4929	467	4132	0	1070	7623	7336	-2159	15371	0	15371	2974	404	18749	50.02
17	4783	230	88	5101	486	4565	0	519	7372	7311	-1994	15568	0	15568	2909	420	18897	50.03
18	5268	229	89	5586	534	5168	0	100	6981	6883	-1794	16051	0	16051	2816	426	19293	50.01
19	5510	401	89	6000	785	5827	0	3	7113	7179	-1717	17655	0	17655	2881	422	20958	50.03
20	5503	313	89	5905	1008	5790	0	0	7393	7140	-1655	17767	0	17767	2859	421	21047	50.02
21	5094	276	90	5460	1121	5259	0	0	7392	6691	-1732	16389	0	16389	2768	410	19567	50.00
22	5097	250	92	5439	1215	4947	0	0	6406	6281	-1680	15809	0	15809	2673	393	18875	50.02
23	5058	250	93	5401	1161	4766	0	0	6139	5615	-1616	14941	0	14941	2598	386	17925	49.99
24	4874	190	93	5157	1147	4497	0	0	6004	5731	-1559	14591	0	14591	2534	382	17507	49.98
MUs	115.59	5.92	2.19	123.70	16.11	113.58	0.00	12.43	164.20	162.99	-41.21	378.46	0.00	378.46	63.70	9.13	451.30	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 22/Oct/2022

Position as on 6.30 Hrs of 23/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	Paras Unit 4	250	21/09/2022	00:08	22/10/2022	14:20	Annual Overhaul	22/10/2022
MSPGCL	Bhusawal Unit 3	210	15/10/2022	15:10		Continued.	ZERO SCHEDULE	
MSPGCL	Koyna Unit 8	80	21/10/2022	07:30	22/10/2022	15:50	Withdrawal for bimonthly PM	
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	
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	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 to AOP tripping	22/10/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Oct/2022

Position as on 6.30 Hrs of 23/Oct/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	18/10/2022	10:00	22/10/2022	02:18	Boiler Tube Leakage	22/10/2022
MSPGCL	Koradi Unit 9	660	18/10/2022	17:15		Continued.	Boiler Tube Leakage	27/10/2022
MSPGCL	Chandrapur Unit 8	500	20/10/2022	20:03	22/10/2022	20:38	Boiler Tube Leakage	22/10/2022
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/Trippings for 22/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 23/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/Trippings							
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
400 KV TIEBAY Outages/Trippings							
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.
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							
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.
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.
KHADKA-AURANGABAD (WALUJ)	IntraState	21/10/2022	20:51	22/10/2022	07:29	HT	to control overvoltage
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.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	08/10/2022	22:52	22/10/2022	19:32	HT	For load management
AEML BORIVALI - TPC BORIVALI LINE	IntraState	11/10/2022	11:57	23/10/2022	10:38	T	Tripped due to cable fault
GHATGHAR - JINDAL	IntraState	17/10/2022	13:06	22/10/2022	19:43	PO	1. Erection of 4 nos. of Monopole tower 2. Stringing of 9 Span 3. Stringing of OPGW 2.5 KM
BORIVALI - TARAPUR	IntraState	18/10/2022	09:21		Continued.	PO	Conductor replacement work under Scheme from Loc No.19-28 (Yph & Bph).
COLOURCHEM - TEMGHAR	IntraState	22/10/2022	04:19	22/10/2022	06:43	EO	To attend Hot Spot at Loc no.28 & 36
KALWA - TFIPL	IntraState	22/10/2022	05:57	22/10/2022	15:48	PO	Fixing 220KV LA on CTT i.e Loc no.40 and charging 220KV Power cable radially.
BORIVALI - CTRLS CKT	IntraState	22/10/2022	06:00	22/10/2022	13:28	PO	For removing of PG Clamp at LILO Tower 220KV Borivali-CTRLS Ckt.
VITA - MIRAJ	IntraState	22/10/2022	10:03	22/10/2022	14:50	PO	String replacement work at Loc No.105 R Ph
MAIN BUS SECTION - 2 @ KOLSHET	IntraState	22/10/2022	10:40	22/10/2022	11:35	EO	Outage is required only on 220KV PT-2 for 1) For checking Phase wise voltage at PT secondary 2) PT IR 3) PT Painting.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 23/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KHARGHAR - BORIVALI CKT - 2	IntraState	22/10/2022	13:58	22/10/2022	15:59	PO	Outage is required for safety purpose to work on Kalwa-TFIPL line i.e Fixing 220KV LA on CTT at Loc no. 40 and charging 220KV Power cable radially.
VITA - HIWARWADI	IntraState	22/10/2022	15:10	22/10/2022	17:04	PO	Diagnostic testing work
EKLAHARE (OCR) - PADGHE	IntraState	22/10/2022	19:32	22/10/2022	20:56	HT	For load management
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. Protection
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
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		Continued.	HT	To control overvoltage
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
110 KV LINE Outages/Trippings							
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.
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.
WAGHIVALI - CHEMBUR	IntraState	22/10/2022	11:26	22/10/2022	16:41	EO	Project Work-Work in vicinity of Construction of 400KV Kharghar-Vikhroli Line BY AEML

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