

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Oct/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.683	2365.570	1) Gujrat	8.533	202.158
2) Hydro	10.427	171.573	2) Madhya Pradesh	5.539	128.115
3) Gas	2.172	44.308	3) Chattisgarh	5.180	108.020
Total MSPGCL	129.282	2581.451	4) Maharashtra	161.228	3212.792
B) 1) APLM	66.217	1072.754	5) Goa (Amona)	-1.457	-26.033
2) JSWEL	14.309	309.275	Total	179.023	3625.052
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.620	675.923
4) RPL(AMT)	25.019	468.236	b) Mumbai Drawl	41.247	739.827
5) SWPGPL	7.461	145.943	c) MSEDCL Bilateral *	50.397	1315.678
6) Other IPP	10.852	157.456	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.620	675.912
C) 1) TPCL Thermal	11.673	205.868	Include PX	0.000	0.000
2) TPCL Hydro	4.604	81.339	Standby	0.000	0.012
3) TPCL Gas	2.617	49.785	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.007	187.982	1) MSEDCL	393.545	7832.269
D) STATE			2) Mumbai Discoms	69.148	1264.778
1) Thermal	261.221	4913.084	3) Other Discoms	9.378	184.400
(A1+C1+C4+(B1-B6))			TOTAL STATE	472.071	9281.447
2) Hydro	15.031	252.912			
(A2+C2)					
3) Gas	4.789	94.093			
(A3+B7+C3)					
4) Wind	3.168	207.106			
6) SOLAR	8.839	189.223			
TOTAL STATE	293.048	5656.418			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4753	5302	5203	4919
MSPGCL Hydro	276	592	1848	176
MSPGCL Gas	92	90	88	92
MSPGCL Total Generation	5121	5984	7139	5187
Central Sector Receipt	8065	7280	7456	6384
WIND	99	124	83	118
CPP / IPP Thermal	5161	5734	5963	4903
CPP / IPP Gas	0	0	0	0
SOLAR	962	96	0	0
Exchange with Mumbai	-1815	-2050	-1652	-1315
MSEDCL DEMAND MET	17184	16733	18559	14970
Load Shedding	0	0	0	0
MSEDCL DEMAND	17184	16733	18559	14970
TPCL GENERATION	884	872	997	534
AEML GENERATION	478	320	484	285
MUMBAI DEMAND	3177	3242	3133	2134
OTHER DISCOM DEMAND	409	435	430	307
STATE DEMAND MET	20770	20410	22122	17411
STATE DEMAND	20770	20410	22122	17411
Frequency (Hz)	50.02	50.00	50.06	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 10.35 Hrs	49.86 Hz at 21.50 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 20/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.56	38.65	195	80
Unit 7	0.00	0.00	0	0
Unit 8	11.36	154.48	550	351
Unit 9	0.00	59.24	0	0
Unit 10	9.46	193.36	401	380
Total	24.39	445.73		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	8.80	159.42	425	280
Unit 5	0.00	145.12	0	0
Total	8.80	337.07		
Parli				
Unit 6	4.10	81.39	230	145
Unit 7	4.05	69.26	227	144
Unit 8	3.64	55.78	188	130
Total	11.78	206.42		
Chandrapur				
Unit 3	0.00	49.32	0	0
Unit 4	3.29	56.00	158	125
Unit 5	6.18	134.57	295	180
Unit 6	6.14	143.98	330	160
Unit 7	6.96	142.32	312	247
Unit 8	7.59	72.88	459	0
Unit 9	9.18	170.58	434	281
Total	39.33	769.64		
Paras				
Unit 3	4.17	82.54	206	144
Unit 4	0.00	0.00	0	0
Total	4.17	82.54		
Khaparkheda				
Unit 1	2.75	56.24	135	55
Unit 2	3.17	56.96	140	110
Unit 3	3.78	68.42	173	126
Unit 4	3.15	63.76	142	125
Unit 5	9.83	161.48	480	270
Total	22.68	406.87		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	2.83	61.32	131	102
Unit 5	2.72	30.65	126	94
Total	5.54	117.30		
Uran				
All Units	2.17	44.31	93	85
Total	2.17	44.31		
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)	0.59	11.87	25	24
Total	0.59	11.87		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.36	42.82	425	40
Stage 4	2.47	38.18	891	0
Stage 3	1.16	19.68	240	0
Total	5.99	100.67		
Hydro				
KDPH	0.31	6.26	18	0
VTRNA	0.59	3.04	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.30	5.48	77	0
SMLHY_PTN	2.37	40.07	104	90
GHATGHAR	0.28	4.18	125	0
Total	3.85	59.03		
Wind				
Total	3.17	207.11	0	0
Total	3.17	207.11		
CPP				
APML(Mus)	66.22	1072.75	0	0
JSWEL(Mus)	14.31	309.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.02	468.24	0	0
SWPGPL-Mus	7.46	145.94	0	0
Other(Mus)	10.85	157.46	0	0
Total	123.86	2153.66		
SOLAR				
Total	8.84	189.22	0	0
Total	8.84	189.22		
Tata				
Trombay 5	7.94	131.66	467	263
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	28.00	107	35
Trombay 7B	1.13	21.78	64	34
TATA Hydro	4.60	81.34	360	23
Trombay 8	3.74	74.20	222	130
Total	18.89	336.99		
AEML				
DTPS U-1&2	9.01	187.98	497	285
Total	9.01	187.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.68	2365.57	MSPGCL Total	129.28	2581.45
			MSPGCL Thml+Gas	118.86	2409.88	Koyna 1,2 & 4 Total	4.83	80.99
			MSPGCL Hydro	10.43	171.57	State Total	293.05	5656.42

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Oct/2022

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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	4836	269	92	5197	166	5045	0	0	6573	6711	-1644	15141	0	15141	2590	334	18065	49.98
2	4845	178	92	5115	158	5138	0	0	6438	6374	-1500	14964	0	14964	2392	321	17677	49.97
3	4891	177	93	5161	122	5050	0	0	6385	6485	-1383	15132	0	15132	2223	303	17658	49.99
4	4919	176	92	5187	118	4903	0	0	6339	6384	-1315	14970	0	14970	2134	307	17411	50.00
5	5057	178	92	5327	117	5207	0	0	6491	6612	-1276	15684	0	15684	2094	303	18081	50.00
6	5184	178	92	5454	133	5413	0	0	7022	6817	-1305	16173	0	16173	2179	339	18691	49.99
7	5242	178	93	5513	179	5507	0	39	7615	7459	-1403	16919	0	16919	2279	375	19573	50.02
8	5194	272	92	5558	181	5533	0	229	7705	8020	-1614	17506	0	17506	2493	401	20400	50.02
9	4966	397	92	5455	214	5384	0	607	7862	7961	-1863	17332	0	17332	2826	426	20584	49.98
10	4753	276	92	5121	99	5161	0	962	8094	8065	-1815	17184	0	17184	3177	409	20770	50.02
11	4344	283	91	4718	89	4616	0	1178	8540	8681	-1952	16907	0	16907	3414	423	20744	50.04
12	4346	286	89	4721	100	4619	0	1263	8381	8085	-2022	16346	0	16346	3472	420	20238	50.03
13	4281	249	89	4619	177	4292	0	1318	8366	7822	-2014	15793	0	15793	3443	421	19657	50.01
14	4191	245	89	4525	110	4032	0	1238	8275	8543	-2054	15968	0	15968	3320	426	19714	50.04
15	4373	244	89	4706	106	3945	0	929	8428	8425	-2112	15586	0	15586	3353	413	19352	50.02
16	4852	242	85	5179	141	4760	0	654	8366	7762	-1919	16165	0	16165	3408	412	19985	50.02
17	5082	244	88	5414	105	5107	0	326	7916	7922	-1842	16601	0	16601	3369	431	20401	50.01
18	5302	592	90	5984	124	5734	0	96	7538	7280	-2050	16733	0	16733	3242	435	20410	50.00
19	5371	1731	88	7190	88	5846	0	0	7233	7221	-1802	18107	0	18107	3249	436	21792	50.00
20	5203	1848	88	7139	83	5963	0	0	7065	7456	-1652	18559	0	18559	3133	430	22122	50.06
21	4956	1044	89	6089	134	5642	0	0	7569	7624	-1727	17330	0	17330	2982	432	20744	50.02
22	4876	587	91	5554	153	5659	0	0	7483	7523	-1713	16769	0	16769	2858	407	20034	50.00
23	4831	341	92	5264	134	5651	0	0	7194	7244	-1662	16235	0	16235	2778	396	19409	50.00
24	4788	212	92	5092	137	5651	0	0	6840	6547	-1608	15443	0	15443	2740	376	18559	49.99
MUs	116.68	10.43	2.17	129.28	3.17	123.86	0.00	8.84	179.72	179.02	-41.25	393.54	0.00	393.54	69.15	9.38	472.07	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 20/Oct/2022

Position as on 6.30 Hrs of 21/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	22/10/2022
MSPGCL	Paras Unit 4	250	21/09/2022	00:08		Continued.	Annual Overhaul	22/10/2022
MSPGCL	Bhusawal Unit 3	210	15/10/2022	15:10		Continued.	ZERO SCHEDULE	22/10/2022
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	22/10/2022
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	21/10/2022
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		Continued.	Lube oil Pressure Low due to AOP tripping	21/10/2022
MSPGCL	Chandrapur Unit 3	210	17/10/2022	07:28		Continued.	Boiler Tube Leakage	22/10/2022
MSPGCL	Bhusawal Unit 5	500	18/10/2022	10:00		Continued.	Boiler Tube Leakage	22/10/2022
MSPGCL	Koradi Unit 9	660	18/10/2022	17:15		Continued.	Boiler Tube Leakage	22/10/2022
MSPGCL	Chandrapur Unit 8	500	20/10/2022	20:03		Continued.	Boiler Tube Leakage	22/10/2022
IPP	SWPGPL U-3	135	21/10/2022	01:33		Continued.	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
TIE BAY 418 OF ICT-1 @ LONIKAND 2	IntraState	20/10/2022	09:56	20/10/2022	13:20	PO	Diagnostic testing and Maintenance.
TIE BAY (408) OF STATION TF 8B & FUTURE CKT - 2 @ CHANDRAPUR SWG S/S	IntraState	20/10/2022	10:06	20/10/2022	15:33	PO	Diagnostic testing & allied bay maintenance work
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							
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.
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	20/10/2022	10:29	20/10/2022	16:03	PO	Line CVT & CT Tan-d, Routine Bay Maintenance Works
DHULE- - BABLESHWAR - I	IntraState	20/10/2022	12:34	20/10/2022	19:52	PO	Chemical Cleaning of Insulator string and Routine Line maintenance. CT Tan Delta work. Quarterly Bay Maintenance
KHADKA-AURANGABAD (WALUJ)	IntraState	20/10/2022	22:04			HT	H/T FOR O/V
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 3 @ KHARGHAR	IntraState	19/10/2022	23:50	20/10/2022	04:34	EO	1) Bph LV CT Hotspot attending work. 2) Rph HV Bushing hotspot attending work
MAIN BAY (419) OF 400/220/33kV 500MVA ICT-I @ LONIKAND 2	IntraState	20/10/2022	09:56	20/10/2022	13:20	PO	Diagnostic testing and Maintenance.
220 KV TBC Outages/Trippings							
TBC @ VERSOVA (AEML)	IntraState	20/10/2022	09:24	20/10/2022	20:38	PO	For safety purpose during outage of 220kV Versova-Gorai Line for annual maintenance of Bay.
BUS COUPLER @ JEJURI	IntraState	20/10/2022	15:31	20/10/2022	16:44	PO	220kv Bus Coupler CB overhauling & PID detected faulty insulator string replacement.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	08/10/2022	22:52			HT	For load management
GHATGHAR - JINDAL	IntraState	17/10/2022	13:06			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			PO	Conductor replacement work under Scheme from Loc No.19-28 (Yph & Bph).
LAMBOTI - SOLAPUR 2(BALE) CKT - 1	IntraState	20/10/2022	02:03	20/10/2022	10:19	T	Tripped on Dist. Protection, Ph-Ph fault
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	20/10/2022	02:17	20/10/2022	23:01	HT	H/T TO CONTROL LINE LOADING
BAPGAON - KALWA	IntraState	20/10/2022	04:53	20/10/2022	09:32	EO	To attend Hot spot at Loc No. 390.
BAPGAON - KALWA	IntraState	20/10/2022	04:53	20/10/2022	09:32	EO	To attend Hot spot at Loc No. 390.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WALCHANDNAGAR-LONI DEOKAR	IntraState	20/10/2022	06:12	20/10/2022	07:06	T	Tripped on dist. protection at Walchandnagar end only
TROMBAY - SALSETTE CKT - 1	IntraState	20/10/2022	08:49	20/10/2022	20:11	PO	Project work-Work in vicinity to shifting of A Ph conductor from tower body to A Ph cross arm tip on 220 kV TDS RoW Bottom Circuits in span 47A to 52 for completing overhead conductor stringing of 110 kV Dharavi Powai line and 110 kV Dharavi Vikhroli line.
VERSOVA - GORAI	IntraState	20/10/2022	08:51	20/10/2022	20:54	PO	Annual Maintenance work of the bay.
NERLE - PEDAMBE	IntraState	20/10/2022	09:15	20/10/2022	18:15	PO	For replacement of damaged conductor at loc no. 60B-R,Y,B Phs Pedhambe & Nerle side respectively.
KARAD - VITA CKT- 1	IntraState	20/10/2022	09:43	20/10/2022	13:29	PO	Diagnostic testing work
KARAD - WATHAR	IntraState	20/10/2022	10:19	20/10/2022	17:53	PO	Relay testing Works and Quarterly maint Works
BHIGWAN - SHIRSHUPHAL CKT	IntraState	20/10/2022	11:14	20/10/2022	13:02	PO	DIAGNOSTIC TESTING & MAINTENANCE WORK.
APTA - KALWA	IntraState	20/10/2022	12:17	20/10/2022	16:44	PO	For safety purpose during emergency tree cutting work in between Loc. No. 677-678 & 679-680.
MIRAJ - MHAISHAL	IntraState	20/10/2022	14:21	20/10/2022	18:18	PO	String replacement work at loc no.127
BOMBAY DYEING - SAHARA	IntraState	20/10/2022	14:59	20/10/2022	15:42	T	AR successful at SAHARA end and Tripped at Bombay dyeing end
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
220/22 KV 50 MVA PTR 2 @ LONIKAND	IntraState	20/10/2022	09:47	20/10/2022	14:20	PO	Transformer OLTC overhauling work to be carried out.
220/22 KV 50 MVA PTR 1 @ LONIKAND	IntraState	20/10/2022	14:38	20/10/2022	19:37	PO	Transformer OLTC overhauling work to be carried out.
132 KV LINE Outages/Trippings							
SOLAPUR 2(BALE)-NALDURG	IntraState	20/10/2022	16:49	20/10/2022	23:28	PO	Fixing of trip ckt supervision relay & Annunciation & Qtr maintenance work
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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
TATA BORIVLI MSETCL BORIVLI 1	IntraState	20/10/2022	10:46	20/10/2022	17:54	PO	For attending to Grough GOD at BMC Bhandup

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