

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Oct/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.175	2891.131	1) Gujrat	3.786	221.713
2) Hydro	7.103	205.305	2) Madhya Pradesh	1.373	131.866
3) Gas	2.222	55.269	3) Chattisgarh	3.930	130.260
Total MSPGCL	97.500	3151.705	4) Maharashtra	125.129	3913.739
B) 1) APLM	50.347	1357.425	5) Goa (Amona)	-2.006	-34.006
2) JSWEL	14.039	379.553	Total	132.212	4363.572
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.626	839.865
4) RPL(AMT)	20.871	584.588	b) Mumbai Drawl	34.889	924.264
5) SWPGPL	4.599	168.370	c) MSEDCL Bilateral *	64.195	1650.228
6) Other IPP	13.388	220.294	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.626	839.854
C) 1) TPCL Thermal	9.174	252.302	Include PX	0.000	0.000
2) TPCL Hydro	2.374	98.357	Standby	0.000	0.012
3) TPCL Gas	2.003	60.094	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.293	227.879	1) MSEDCL	307.090	9577.348
D) STATE			2) Mumbai Discoms	55.733	1562.874
1) Thermal	207.886	6081.542	3) Other Discoms	8.525	228.333
(A1+C1+C4+(B1-B6))			TOTAL STATE	371.348	11368.555
2) Hydro (A2+C2)	9.477	303.662			
3) Gas (A3+B7+C3)	4.225	115.363			
4) Wind	4.022	253.799			
6) SOLAR	13.526	250.639			
TOTAL STATE	239.136	7005.005			

* 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	3580	3567	4308	3605
MSPGCL Hydro	202	263	1321	161
MSPGCL Gas	95	89	91	94
MSPGCL Total Generation	3877	3919	5720	3860
Central Sector Receipt	5812	6039	5999	4660
WIND	185	148	265	158
CPP / IPP Thermal	4549	4644	5239	3771
CPP / IPP Gas	0	0	0	0
SOLAR	1052	72	0	0
Exchange with Mumbai	-1336	-1562	-1438	-1065
MSEDCL DEMAND MET	13757	12868	15390	11135
Load Shedding	0	0	0	0
MSEDCL DEMAND	13757	12868	15390	11135
TPCL GENERATION	567	573	789	509
AEML GENERATION	307	288	363	323
MUMBAI DEMAND	2210	2423	2590	1897
OTHER DISCOM DEMAND	382	392	395	249
STATE DEMAND MET	16349	15683	18375	13281
STATE DEMAND	16349	15683	18375	13281
Frequency (Hz)	50.00	49.96	50.07	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.32 Hz at 14.04 Hrs	49.53 Hz at 18.13 Hrs	50.02	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 25/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.21	56.70	180	95
Unit 7	0.00	0.00	0	0
Unit 8	10.10	209.00	477	376
Unit 9	0.00	59.24	0	0
Unit 10	9.27	236.79	400	375
Total	22.58	561.73		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	7.30	199.95	390	200
Unit 5	7.76	174.56	405	280
Total	15.06	407.04		
Parli				
Unit 6	0.00	89.52	0	0
Unit 7	0.00	77.24	0	0
Unit 8	0.00	64.89	0	0
Total	0.00	231.65		
Chandrapur				
Unit 3	0.00	55.60	0	0
Unit 4	0.00	66.19	0	0
Unit 5	0.00	157.99	0	0
Unit 6	0.00	167.31	0	0
Unit 7	7.33	177.76	320	283
Unit 8	7.33	95.86	434	276
Unit 9	8.02	211.29	422	287
Total	22.69	932.00		
Paras				
Unit 3	4.56	105.24	223	140
Unit 4	0.00	0.16	0	0
Total	4.56	105.40		
Khaparkheda				
Unit 1	1.97	67.76	100	70
Unit 2	2.90	71.74	140	110
Unit 3	3.17	85.21	142	126
Unit 4	2.38	78.87	130	0
Unit 5	7.20	203.02	420	270
Total	17.62	506.59		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	2.90	76.44	154	109
Unit 5	2.77	44.95	153	106
Total	5.67	146.72		
Uran				
All Units	2.22	55.27	96	88
Total	2.22	55.27		
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	14.87	27	23
Total	0.60	14.87		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.93	51.29	575	40
Stage 4	1.35	41.72	638	0
Stage 3	0.85	22.61	240	0
Total	4.12	115.62		
Hydro				
KDPH	0.00	6.26	0	0
VTRNA	0.00	4.54	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.22	6.88	77	0
SMLHY_PTN	2.16	52.06	96	85
GHATGHAR	0.00	5.07	0	0
Total	2.38	74.81		
Wind				
Total	4.02	253.80	0	0
Total	4.02	253.80		
CPP				
APML(Mus)	50.35	1357.42	0	0
JSWEL(Mus)	14.04	379.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.87	584.59	0	0
SWPGPL-Mus	4.60	168.37	0	0
Other(Mus)	13.39	220.29	0	0
Total	103.24	2710.23		
SOLAR				
Total	13.53	250.64	0	0
Total	13.53	250.64		
Tata				
Trombay 5	6.10	161.46	265	245
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	33.58	107	36
Trombay 7B	0.92	26.52	64	34
TATA Hydro	2.37	98.36	236	34
Trombay 8	3.08	90.84	132	123
Total	13.55	410.75		
AEML				
DTPS U-1&2	7.29	227.88	363	281
Total	7.29	227.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	88.18	2891.13	MSPGCL Total	97.50	3151.70
			MSPGCL Thml+Gas	90.40	2946.40	Koyna 1,2 & 4 Total	3.28	93.01
			MSPGCL Hydro	7.10	205.30	State Total	239.14	7005.00

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/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	3566	162	94	3822	115	3900	0	0	5071	5015	-1373	11185	0	11185	2250	294	13729	50.07
2	3548	162	95	3805	157	3877	0	0	4982	4911	-1250	11233	0	11233	2107	267	13607	50.07
3	3586	168	95	3849	175	3825	0	0	4822	4748	-1133	11217	0	11217	1978	247	13442	50.00
4	3605	161	94	3860	158	3771	0	0	4655	4660	-1065	11135	0	11135	1897	249	13281	49.99
5	3682	161	95	3938	153	3896	0	0	4789	5219	-1033	11910	0	11910	1858	263	14031	50.00
6	3801	157	95	4053	185	4469	0	0	5406	5651	-1060	13007	0	13007	1899	291	15197	50.03
7	3880	161	93	4134	222	4667	0	65	6212	6071	-1047	13796	0	13796	1923	316	16035	50.01
8	3892	176	95	4163	222	4747	0	506	6052	6058	-1132	14220	0	14220	2006	344	16570	49.99
9	3580	202	95	3877	185	4549	0	1052	5817	5812	-1336	13757	0	13757	2210	382	16349	50.00
10	3486	232	95	3813	125	3871	0	1465	5835	5949	-1499	13336	0	13336	2392	388	16116	49.99
11	3676	187	93	3956	151	3899	0	1786	5263	5528	-1690	13106	0	13106	2555	524	16185	50.05
12	3582	156	91	3829	133	4207	0	1839	4879	5067	-1797	12898	0	12898	2624	380	15902	50.10
13	3424	151	90	3665	112	3946	0	1879	5090	5179	-1827	12583	0	12583	2600	371	15554	50.11
14	3353	150	88	3591	113	3765	0	1783	4938	5340	-1778	12445	0	12445	2558	369	15372	50.15
15	3316	151	88	3555	106	3768	0	1477	5103	5279	-1750	12051	0	12051	2546	384	14981	50.06
16	3349	151	88	3588	105	3798	0	1090	5618	5843	-1762	12269	0	12269	2526	393	15188	49.99
17	3508	151	89	3748	140	4232	0	502	5812	5652	-1685	12202	0	12202	2464	387	15053	49.99
18	3567	263	89	3919	148	4644	0	72	6145	6039	-1562	12868	0	12868	2423	392	15683	49.96
19	4103	1446	90	5639	220	4948	0	10	6305	6342	-1671	15103	0	15103	2631	385	18119	49.83
20	4308	1321	91	5720	265	5239	0	0	5904	5999	-1438	15390	0	15390	2590	395	18375	50.07
21	4130	365	93	4588	204	5261	0	0	5706	5750	-1442	13970	0	13970	2512	391	16873	50.11
22	4077	311	95	4483	214	4829	0	0	5618	5395	-1559	12985	0	12985	2452	377	15814	50.02
23	3686	313	95	4094	228	4743	0	0	5573	5261	-1526	12427	0	12427	2395	373	15195	49.99
24	3470	245	96	3811	186	4393	0	0	5504	5443	-1474	11999	0	11999	2337	360	14696	49.98
MUs	88.17	7.10	2.22	97.50	4.02	103.24	0.00	13.53	131.10	132.21	-34.89	307.09	0.00	307.09	55.73	8.52	371.35	50.02

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 25/Oct/2022

Position as on 6.30 Hrs of 26/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 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	
MSPGCL	Koradi Unit 9	660	18/10/2022	17:15		Continued.	Boiler Tube Leakage	27/10/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Oct/2022

Position as on 6.30 Hrs of 26/Oct/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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
IPP	SWPGPL U-1	135	23/10/2022	20:29		Continued.	PA Fan Vibration Problem	26/10/2022
MSPGCL	Khaparkheda Unit 4	210	25/10/2022	13:17	25/10/2022	17:53	Governing problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 26/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.
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							
DHULE - SSNNL CKT - 1	InterState	24/10/2022	22:04	25/10/2022	05:47	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
PADGHE - NAGOTHANE CKT - 1	IntraState	24/10/2022	21:50	26/10/2022	06:36	HT	Overvoltage
LONIKAND I - KOYNA STAGE-IV	IntraState	24/10/2022	23:48	25/10/2022	08:17	HT	HT for Overvoltage control
NEW KOYNA - DABHOL CKT - 1	IntraState	25/10/2022	19:38			T	Tripped due to Overvoltage
LONIKAND I - KOYNA STAGE-IV	IntraState	25/10/2022	23:25		Continued.	HT	HT for Overvoltage Control
NAGOTHANE - DABHOL CKT - 2	IntraState	26/10/2022	06:00	26/10/2022	14:12	T	Tripped on DP
220 KV LINE Outages/Trippings							
GOREGAON - AAREY CKT - 2	IntraState	23/10/2022	00:23	25/10/2022	17:18	EO	Hot spot observed on Y phase CB 252 Connector Pad
BIDRI - SAWANTWADI	IntraState	24/10/2022	15:10	25/10/2022	08:50	HT	H/T For voltage control
AAREY - MSETCL BORIVALI CKT - 2	IntraState	24/10/2022	22:53			T	R-ph Differential Protection
HALKARNI - TILARI LINE	IntraState	25/10/2022	10:02	25/10/2022	13:55	PO	For attending hot spot at Loc. No. 287 B Ph
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	25/10/2022	14:04	25/10/2022	16:21	EO	Replacement of R ph string at loc No. 98 (As line was AR on dt 24.10.2022, found during vertical patrolling)
BHUGAON - WARDHA (PG)	IntraState	25/10/2022	18:24	25/10/2022	19:52	HT	H/T due to low frequency
BIDRI - SAWANTWADI	IntraState	25/10/2022	19:45	26/10/2022	09:19	HT	For control Over voltage
BIDRI - SAWANTWADI	IntraState	26/10/2022	21:12			HT	HAND TRIPPED FOR OVER VOLTAGES.
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							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 26/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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