

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Oct/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.328	2984.459	1) Gujrat	2.768	224.481
2) Hydro	5.650	210.955	2) Madhya Pradesh	-0.454	131.412
3) Gas	2.243	57.512	3) Chattisgarh	4.500	134.760
Total MSPGCL	101.221	3252.926	4) Maharashtra	124.343	4038.082
B) 1) APLM	54.787	1412.212	5) Goa (Amona)	-2.284	-36.290
2) JSWEL	14.648	394.201	Total	128.873	4492.445
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.490	869.356
4) RPL(AMT)	23.791	608.379	b) Mumbai Drawl	33.191	957.455
5) SWPGPL	4.784	173.154	c) MSEDCL Bilateral *	64.184	1714.412
6) Other IPP	13.946	234.240	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.490	869.344
C) 1) TPCL Thermal	9.474	261.776	Include PX	0.000	0.000
2) TPCL Hydro	1.672	100.029	Standby	0.000	0.012
3) TPCL Gas	2.051	62.145	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.421	235.300	1) MSEDCL	319.255	9896.603
D) STATE			2) Mumbai Discoms	53.809	1616.683
1) Thermal	222.179	6303.721	3) Other Discoms	9.133	237.466
(A1+C1+C4+(B1-B6))			TOTAL STATE	382.197	11750.752
2) Hydro (A2+C2)	7.322	310.984			
3) Gas (A3+B7+C3)	4.294	119.657			
4) Wind	6.326	260.125			
6) SOLAR	13.203	263.842			
TOTAL STATE	253.324	7258.329			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	3989	4495	4628	3605
MSPGCL Hydro	208	160	539	158
MSPGCL Gas	95	88	88	97
MSPGCL Total Generation	4292	4743	5255	3860
Central Sector Receipt	6034	5178	5397	4864
WIND	161	167	220	231
CPP / IPP Thermal	4960	5056	5609	4111
CPP / IPP Gas	0	0	0	0
SOLAR	943	110	3	0
Exchange with Mumbai	-1352	-1434	-1314	-1274
MSEDCL DEMAND MET	14632	13416	14748	11478
Load Shedding	0	0	0	0
MSEDCL DEMAND	14632	13416	14748	11478
TPCL GENERATION	503	575	724	496
AEML GENERATION	321	334	438	306
MUMBAI DEMAND	2176	2343	2476	2076
OTHER DISCOM DEMAND	406	404	422	314
STATE DEMAND MET	17214	16163	17646	13868
STATE DEMAND	17214	16163	17646	13868
Frequency (Hz)	50.01	50.03	50.05	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 10:55 Hrs	49.75 Hz at 23:06 Hrs	49.98	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 26/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.90	60.60	195	95
Unit 7	0.00	0.00	0	0
Unit 8	10.90	219.91	504	384
Unit 9	0.00	59.24	0	0
Unit 10	9.23	246.02	397	350
Total	24.04	585.77		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	7.78	207.74	415	225
Unit 5	8.16	182.72	430	280
Total	15.95	422.99		
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	7.29	185.05	326	286
Unit 8	8.11	103.97	454	277
Unit 9	7.96	219.25	424	283
Total	23.36	955.36		
Paras				
Unit 3	5.14	110.38	245	152
Unit 4	0.00	0.16	0	0
Total	5.14	110.54		
Khaparkheda				
Unit 1	1.82	69.58	90	25
Unit 2	2.82	74.56	130	100
Unit 3	3.20	88.40	147	126
Unit 4	3.15	82.02	144	112
Unit 5	7.95	210.97	450	275
Total	18.93	525.52		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	3.07	79.52	169	115
Unit 5	2.84	47.78	159	100
Total	5.91	152.63		
Uran				
All Units	2.24	57.51	98	87
Total	2.24	57.51		
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)	0.47	15.34	26	0
Total	0.47	15.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.06	53.35	290	40
Stage 4	0.10	41.82	102	0
Stage 3	0.42	23.03	154	0
Total	2.58	118.20		
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.	0.16	7.04	40	0
SMLHY_PTN	2.31	54.37	102	89
GHATGHAR	0.12	5.19	80	0
Total	2.60	77.41		
Wind				
Total	6.33	260.12	0	0
Total	6.33	260.12		
CPP				
APML(Mus)	54.79	1412.21	0	0
JSWEL(Mus)	14.65	394.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.79	608.38	0	0
SWPGPL-Mus	4.78	173.15	0	0
Other(Mus)	13.95	234.24	0	0
Total	111.96	2822.19		
SOLAR				
Total	13.20	263.84	0	0
Total	13.20	263.84		
Tata				
Trombay 5	6.35	167.81	276	258
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.12	34.70	107	36
Trombay 7B	0.93	27.45	64	34
TATA Hydro	1.67	100.03	219	25
Trombay 8	3.12	93.96	134	127
Total	13.20	423.95		
AEMIL				
DTPS U-1&2	7.42	235.30	438	280
Total	7.42	235.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.33	2984.46	MSPGCL Total	101.22	3252.93
			MSPGCL Thml+Gas	95.57	3041.97	Koyna 1,2 & 4 Total	2.16	95.17
			MSPGCL Hydro	5.65	210.96	State Total	253.32	7258.33

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	3588	155	96	3839	179	4480	0	0	5062	4986	-1405	11739	0	11739	2233	340	14312	49.99
2	3605	158	97	3860	231	4111	0	0	4999	4864	-1274	11478	0	11478	2076	314	13868	49.91
3	3644	159	97	3900	271	4247	0	0	4814	4793	-1180	11725	0	11725	1962	306	13993	49.94
4	3660	159	96	3915	262	4323	0	0	4658	4712	-1074	11848	0	11848	1865	290	14003	49.94
5	4053	163	96	4312	309	4655	0	0	4707	4833	-1050	12745	0	12745	1842	314	14901	49.95
6	4233	338	97	4668	294	5079	0	0	5133	5288	-1103	13883	0	13883	1907	343	16133	49.92
7	4372	408	98	4878	252	5553	0	48	5474	5534	-1083	14800	0	14800	1938	382	17120	49.93
8	4286	331	97	4714	171	5473	0	406	5634	5769	-1163	14966	0	14966	2021	404	17391	50.00
9	3989	208	95	4292	161	4960	0	943	5826	6034	-1352	14632	0	14632	2176	406	17214	50.01
10	3554	204	92	3850	202	4381	0	1418	5938	6118	-1530	14021	0	14021	2335	418	16774	50.03
11	3570	181	92	3843	407	4312	0	1695	5760	5942	-1611	14176	0	14176	2445	412	17033	50.09
12	3540	145	92	3777	486	4116	0	1839	5730	5611	-1664	13740	0	13740	2442	425	16607	50.04
13	3475	139	91	3705	329	3805	0	1841	5676	5450	-1659	13074	0	13074	2435	397	15906	50.03
14	3512	140	91	3743	233	3803	0	1746	5097	5354	-1592	12883	0	12883	2369	404	15656	49.99
15	3594	165	89	3848	207	4236	0	1494	5138	5237	-1552	13070	0	13070	2343	400	15813	49.90
16	3649	158	87	3894	157	4316	0	1088	5787	5613	-1571	13069	0	13069	2362	428	15859	49.98
17	3763	151	89	4003	138	4453	0	572	5890	5835	-1542	13043	0	13043	2356	416	15815	49.99
18	4495	160	88	4743	167	5056	0	110	5720	5178	-1434	13416	0	13416	2343	404	16163	50.03
19	4628	539	88	5255	220	5609	0	3	5487	5397	-1314	14748	0	14748	2476	422	17646	50.05
20	4581	381	92	5054	299	5633	0	0	5896	5475	-1320	14714	0	14714	2487	427	17628	50.02
21	3972	468	95	4535	291	4976	0	0	5789	5708	-1400	13692	0	13692	2441	418	16551	49.90
22	4198	246	96	4540	265	4977	0	0	5157	4959	-1384	12958	0	12958	2375	399	15732	50.03
23	3852	170	96	4118	368	4858	0	0	5248	5092	-1494	12593	0	12593	2308	349	15250	50.01
24	3515	324	96	3935	427	4546	0	0	5115	5091	-1440	12245	0	12245	2272	314	14831	49.90
MUs	93.33	5.65	2.24	101.22	6.33	111.96	0.00	13.20	129.74	128.87	-33.19	319.26	0.00	319.26	53.81	9.13	382.20	49.98

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 26/Oct/2022

Position as on 6.30 Hrs of 27/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	
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 26/Oct/2022

Position as on 6.30 Hrs of 27/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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 27/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
MAIN BAY (401) OF ICT - 1 @ KORADI 3	IntraState	27/10/2022	08:46			PO	Annual maintenance of Bay Equipments.
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.
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
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	27/10/2022	09:32	HT	HT for Overvoltage Control
NAGOTHANE - DABHOL CKT - 2	IntraState	26/10/2022	06:00	26/10/2022	14:12	T	Tripped on DP
PADGHE - NAGOTHANE CKT - 2	IntraState	27/10/2022	01:41	27/10/2022	08:40	HT	For Over Voltage control
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 1 @ JEJURI	IntraState	27/10/2022	09:49			PO	For replacement of OTI & WTI and Oil filtration work.
220 KV LINE Outages/Trippings							
AAREY - MSETCL BORIVALI CKT - 2	IntraState	24/10/2022	22:53			T	R-ph Differential Protection
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.
INFOSYS - PEGASUS	IntraState	27/10/2022	01:32			T	Due to R-ph. CT Burst of Bus sectionalizer
TALANDGE - SAWANTWADI	IntraState	27/10/2022	09:07			PO	for conversion of SSN to DSN at LOcation 68& 72
NAGOTHANE - SPCL	IntraState	27/10/2022	10:00			PO	DIAGNOSTIC TESTING AND MAINTENANCE WORK
JEJURI-LONAND	IntraState	27/10/2022	10:04			PO	RELAY & DIAGNOSTIC TESTING WORK.MAINTENACE WORK.
NERLE - PEDAMBE	IntraState	27/10/2022	10:05			PO	Outage for replacement of damaged conductor at loc no. 40B 2 R,Y,B Pedhambe side 01 & R,Y, B phase Nerale side 02
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 26/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 27/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.
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.
KALWA KALYAN	IntraState	27/10/2022	07:56			PO	CONDUCTOR REPAIRS IN SPAN 139-140

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