

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Oct/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.165	3083.624	1) Gujrat	0.529	225.010
2) Hydro	9.130	220.085	2) Madhya Pradesh	-0.697	130.715
3) Gas	2.238	59.750	3) Chattisgarh	5.140	139.900
Total MSPGCL	110.533	3363.459	4) Maharashtra	135.781	4173.863
B) 1) APML	59.208	1471.420	5) Goa (Amona)	-1.857	-38.147
2) JSWEL	13.035	407.236	Total	138.896	4631.341
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.623	900.978
4) RPL(AMT)	23.914	632.293	b) Mumbai Drawl	34.986	992.441
5) SWPGPL	5.136	178.290	c) MSEDCL Bilateral *	66.453	1780.865
6) Other IPP	14.929	249.169	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.623	900.966
C) 1) TPCL Thermal	10.414	272.190	Include PX	0.000	0.000
2) TPCL Hydro	2.788	102.817	Standby	0.000	0.012
3) TPCL Gas	2.473	64.618	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.517	243.817	1) MSEDCL	343.647	10240.250
D) STATE			2) Mumbai Discoms	59.178	1675.861
1) Thermal	234.318	6538.039	3) Other Discoms	9.522	246.988
(A1+C1+C4+(B1-B6))			TOTAL STATE	412.347	12163.099
2) Hydro	11.918	322.902			
(A2+C2)					
3) Gas	4.711	124.368			
(A3+B7+C3)					
4) Wind	9.484	269.609			
6) SOLAR	13.020	276.862			
TOTAL STATE	273.451	7531.780			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3787	4669	4790	3649
MSPGCL Hydro	168	746	1218	164
MSPGCL Gas	93	90	92	96
MSPGCL Total Generation	4048	5505	6100	3909
Central Sector Receipt	6744	5543	5958	4518
WIND	622	222	369	519
CPP / IPP Thermal	4649	5756	5867	4474
CPP / IPP Gas	0	0	0	0
SOLAR	1675	79	0	0
Exchange with Mumbai	-1733	-1656	-1298	-1153
MSEDCL DEMAND MET	15557	15021	16555	11962
Load Shedding	0	0	0	0
MSEDCL DEMAND	15557	15021	16555	11962
TPCL GENERATION	691	706	973	492
AEML GENERATION	485	432	465	298
MUMBAI DEMAND	2909	2794	2736	1943
OTHER DISCOM DEMAND	448	428	441	305
STATE DEMAND MET	18914	18243	19732	14210
STATE DEMAND	18914	18243	19732	14210
Frequency (Hz)	49.99	49.91	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 16:30 Hrs	49.75 Hz at 17:44 Hrs	49.96	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 27/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	64.47	200	80
Unit 7	0.00	0.00	0	0
Unit 8	11.46	231.37	520	379
Unit 9	0.00	59.24	0	0
Unit 10	9.44	255.47	402	375
Total	24.77	610.54		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	8.36	216.10	420	280
Unit 5	9.36	192.08	500	275
Total	17.72	440.70		
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	2.53	160.53	315	0
Unit 6	1.87	169.18	260	0
Unit 7	7.30	192.35	321	278
Unit 8	4.35	108.33	449	0
Unit 9	8.78	228.03	444	285
Total	24.84	980.20		
Paras				
Unit 3	4.89	115.27	247	0
Unit 4	0.00	0.16	0	0
Total	4.89	115.44		
Khaparkheda				
Unit 1	2.28	71.86	115	80
Unit 2	2.96	77.52	135	100
Unit 3	3.58	91.99	174	127
Unit 4	3.19	85.21	153	112
Unit 5	8.88	219.85	460	275
Total	20.91	546.42		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	3.10	82.61	162	114
Unit 5	2.95	50.73	154	110
Total	6.04	158.67		
Uran				
All Units	2.24	59.75	98	88
Total	2.24	59.75		
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	15.94	25	25
Total	0.60	15.94		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.05	56.40	460	40
Stage 4	1.96	43.78	874	0
Stage 3	1.13	24.16	230	0
Total	6.13	124.34		
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.	0.14	7.18	40	0
SMLHY_PTN	2.02	56.39	100	71
GHATGHAR	0.24	5.43	125	0
Total	2.40	79.81		
Wind				
Total	9.48	269.61	0	0
Total	9.48	269.61		
CPP				
APML(Mus)	59.21	1471.42	0	0
JSWEL(Mus)	13.04	407.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.91	632.29	0	0
SWPGPL-Mus	5.14	178.29	0	0
Other(Mus)	14.93	249.17	0	0
Total	116.22	2938.41		
SOLAR				
Total	13.02	276.86	0	0
Total	13.02	276.86		
Tata				
Trombay 5	7.08	174.89	382	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.40	36.09	107	37
Trombay 7B	1.08	28.53	64	33
TATA Hydro	2.79	102.82	290	14
Trombay 8	3.33	97.30	171	129
Total	15.68	439.62		
AEML				
DTPS U-1&2	8.52	243.82	487	281
Total	8.52	243.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.16	3083.62	MSPGCL Total	110.53	3363.46
			MSPGCL Thml+Gas	101.40	3143.37	Koyna 1,2 & 4 Total	5.01	100.18
			MSPGCL Hydro	9.13	220.08	State Total	273.45	7531.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	3517	239	95	3851	454	3998	0	0	5049	5215	-1328	11843	0	11843	2185	347	14375	49.95
2	3643	200	96	3939	459	4427	0	0	4794	4772	-1227	12054	0	12054	2048	316	14418	49.98
3	3649	164	96	3909	519	4474	0	0	4683	4518	-1153	11962	0	11962	1943	305	14210	49.99
4	3684	169	95	3948	502	4111	0	0	4780	4901	-1065	12102	0	12102	1850	295	14247	49.92
5	4005	296	96	4397	478	4417	0	0	4805	5033	-1061	12936	0	12936	1834	328	15098	49.95
6	4324	209	96	4629	449	4896	0	0	5105	5325	-1094	13863	0	13863	1891	342	16096	49.98
7	4348	622	97	5067	399	4941	0	46	5552	5642	-1020	14703	0	14703	1942	372	17017	49.91
8	4463	250	98	4811	283	5484	0	443	5733	5806	-1155	15278	0	15278	2089	394	17761	49.98
9	4330	299	97	4726	215	5328	0	974	5810	5836	-1414	15250	0	15250	2385	415	18050	49.92
10	4042	338	94	4474	361	4784	0	1451	6277	6329	-1483	15479	0	15479	2693	437	18609	49.96
11	3787	168	93	4048	622	4649	0	1675	6849	6744	-1733	15557	0	15557	2909	448	18914	49.99
12	3532	307	91	3930	636	3906	0	1838	6970	6865	-1821	14911	0	14911	2975	443	18329	49.96
13	3555	461	89	4105	493	3968	0	1834	6671	6584	-1847	14715	0	14715	2929	422	18066	49.91
14	3499	261	89	3849	418	3786	0	1701	6756	7007	-1972	14369	0	14369	2831	420	17620	49.99
15	3774	295	88	4157	323	4389	0	1416	6755	6933	-1947	14855	0	14855	2844	416	18115	49.99
16	4295	145	88	4528	241	4767	0	1053	6633	6711	-1967	14895	0	14895	2859	438	18192	49.92
17	4583	189	89	4861	189	5361	0	509	6315	6083	-1910	14654	0	14654	2839	439	17932	49.95
18	4669	746	90	5505	222	5756	0	79	5830	5543	-1656	15021	0	15021	2794	428	18243	49.91
19	4783	1760	90	6633	307	5866	0	1	5371	5300	-1394	16274	0	16274	2829	439	19542	49.99
20	4790	1218	92	6100	369	5867	0	0	5502	5958	-1298	16555	0	16555	2736	441	19732	50.02
21	4729	220	94	5043	397	5515	0	0	5750	5830	-1369	14982	0	14982	2600	434	18016	50.01
22	4577	235	95	4907	392	5342	0	0	5233	5487	-1365	14342	0	14342	2477	421	17240	50.02
23	4503	186	95	4784	376	5234	0	0	5227	5094	-1344	13747	0	13747	2383	397	16527	49.95
24	4084	156	95	4335	380	4956	0	0	5255	5377	-1363	13302	0	13302	2313	384	15998	50.00
MUs	99.16	9.13	2.24	110.53	9.48	116.22	0.00	13.02	137.71	138.90	-34.99	343.65	0.00	343.65	59.18	9.52	412.35	49.96

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 27/Oct/2022

Position as on 6.30 Hrs of 28/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	27/10/2022	14:12	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	27/10/2022	15:23	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 27/Oct/2022

Position as on 6.30 Hrs of 28/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	Chandrapur Unit 8	500	27/10/2022	13:14		Continued.	Electrical Protection Operated.	
MSPGCL	Paras Unit 3	250	27/10/2022	21:40	28/10/2022	00:47	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 28/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	27/10/2022	18:17	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	27/10/2022	10:46	HT	H/T to control Over Voltage.
KHADKA-AURANGABAD (WALUJ)	IntraState	22/10/2022	23:41	27/10/2022	10:17	HT	To control 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
PADGHE - NAGOTHANE CKT - 2	IntraState	27/10/2022	01:41	27/10/2022	08:40	HT	For Over Voltage control
KHADKA-AURANGABAD (WALUJ)	IntraState	27/10/2022	20:35			HT	H/T FOR O/V
JAIGAD - KARAD CKT - 2	IntraState	27/10/2022	22:03			HT	To control Over Voltage
PADGHE - NAGOTHANE CKT - 1	IntraState	28/10/2022	00:26			HT	To control Over Voltage
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	28/10/2022	05:57			T	Tripped on Dist Protection
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 1 @ JEJURI	IntraState	27/10/2022	09:49	27/10/2022	19:03	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	26/10/2022	21:12			HT	HAND TRIPPED FOR OVER VOLTAGES.
INFOSYS - PEGASUS	IntraState	27/10/2022	01:32	27/10/2022	19:28	T	Due to R-ph. CT Burst of Bus sectionalizer
TALANDGE - SAWANTWADI	IntraState	27/10/2022	09:07	27/10/2022	14:37	PO	for conversion of SSN to DSN at Location 68& 72
NAGOTHANE - SPCL	IntraState	27/10/2022	10:00	27/10/2022	16:30	PO	DIAGNOSTIC TESTING AND MAINTENANCE WORK
JEJURI-LONAND	IntraState	27/10/2022	10:04	27/10/2022	18:28	PO	RELAY & DIAGNOSTIC TESTING WORK.MAINTENACE WORK.
NERLE - PEDAMBE	IntraState	27/10/2022	10:05	27/10/2022	16:27	PO	Outage for replacement of damaged conductor at loc no. 40B ĳ R,Y,B Pedhambe side 01 & R,Y, B phase Nerale side 02
TALANDAGE - CHIKODI	IntraState	27/10/2022	13:25	27/10/2022	15:12	T	TRIPPED ON DISTANCE PROTECTION
BIDRI - SAWANTWADI	IntraState	27/10/2022	22:03			HT	To control Over Voltage
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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220/22KV 50 MVA PTR - 3 @ AKP	IntraState	27/10/2022	10:14	27/10/2022	11:50	T	Tripped due to Rph LV side LA burst
220 KV BUSBAR Outages/Trippings							
BUS SECTION - 2 @ PIGASUS	IntraState	27/10/2022	11:32	27/10/2022	19:28	EO	For replacement of R phase CT of 220kV Bus sectionliser and Bus sectionliser 89 B isolator maintenance work
BUS SECTION - 3 (7M3) @ CHINCHWAD	IntraState	27/10/2022	23:05	28/10/2022	05:17		Earth wire replacement on 220KV Bus and 220KV Bus isolator maintenance work
BUS SECTION - 1 (7M1) @ CHINCHWAD	IntraState	27/10/2022	23:05	28/10/2022	05:17		Earth wire replacement on 220KV Bus and 220KV Bus isolator maintenance work
BUS SECTION - 2 (7M2) @ CHINCHWAD	IntraState	27/10/2022	23:05	28/10/2022	05:17		Earth wire replacement on 220KV Bus and 220KV Bus isolator maintenance work
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.
KALWA KALYAN	IntraState	27/10/2022	07:56	27/10/2022	15:38	PO	CONDUCTOR REPAIRS IN SPAN 139-140

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