

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.613	251.203	1) Gujrat	9.977	18.624
2) Hydro	5.115	12.177	2) Madhya Pradesh	3.955	6.734
3) Gas	2.107	4.189	3) Chattisgarh	3.490	7.970
Total MSPGCL	133.835	267.569	4) Maharashtra	157.367	315.371
B) 1) APLM	50.561	105.866	5) Goa (Amona)	-0.871	-2.361
2) JSWEL	17.234	34.719	Total	173.918	346.338
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.914	61.386
4) RPL(AMT)	23.730	48.050	b) Mumbai Drawl	33.242	63.868
5) SWPGPL	7.310	15.086	c) MSEDCL Bilateral *	70.710	143.618
6) Other IPP	4.964	10.052	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.914	61.386
C) 1) TPCL Thermal	10.956	22.199	Include PX	0.000	0.000
2) TPCL Hydro	0.975	5.663	Standby	0.000	0.000
3) TPCL Gas	2.440	4.830	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.941	18.779	1) MSEDCL	396.407	802.941
D) STATE			2) Mumbai Discoms	56.554	115.315
1) Thermal	250.309	505.954	3) Other Discoms	8.978	18.416
(A1+C1+C4+(B1-B6))			TOTAL STATE	461.939	936.672
2) Hydro (A2+C2)	6.090	17.840			
3) Gas (A3+B7+C3)	4.547	9.019			
4) Wind	14.575	32.927			
6) SOLAR	12.500	24.618			
TOTAL STATE	288.021	590.358			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4839	4949	5889	5382
MSPGCL Hydro	225	192	643	130
MSPGCL Gas	87	83	88	90
MSPGCL Total Generation	5151	5224	6620	5602
Central Sector Receipt	8076	7431	7402	6316
WIND	468	421	545	852
CPP / IPP Thermal	3798	4261	5025	4372
CPP / IPP Gas	0	0	0	0
SOLAR	1688	1390	0	0
Exchange with Mumbai	-1574	-1491	-1311	-1259
MSEDCL DEMAND MET	17208	16858	17860	15588
Load Shedding	0	0	0	0
MSEDCL DEMAND	17208	16858	17860	15588
TPCL GENERATION	553	570	877	527
AEML GENERATION	404	399	388	326
MUMBAI DEMAND	2531	2460	2576	2112
OTHER DISCOM DEMAND	399	378	421	295
STATE DEMAND MET	20138	19696	20857	17995
STATE DEMAND	20138	19696	20857	17995
Frequency (Hz)	50.01	50.03	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 06.01 Hrs	49.89 Hz at 15.50 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 02/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.99	20.31	458	370
Unit 9	9.87	19.51	470	370
Unit 10	9.89	19.94	476	370
Total	29.75	59.76		
Bhusawal				
Unit 3	2.62	5.17	140	80
Unit 4	8.03	15.12	425	255
Unit 5	8.42	16.44	445	235
Total	19.06	36.72		
Parli				
Unit 6	3.64	7.59	200	135
Unit 7	4.07	7.78	202	140
Unit 8	3.47	6.62	160	132
Total	11.18	22.00		
Chandrapur				
Unit 3	2.76	5.57	135	100
Unit 4	3.01	6.07	155	118
Unit 5	6.81	13.76	305	275
Unit 6	6.99	14.15	325	270
Unit 7	7.75	15.10	353	303
Unit 8	0.00	0.00	0	0
Unit 9	8.28	16.38	412	277
Total	35.61	71.02		
Paras				
Unit 3	4.77	9.24	235	144
Unit 4	0.00	0.00	0	0
Total	4.77	9.24		
Khaparkheda				
Unit 1	2.92	5.84	145	105
Unit 2	2.70	5.44	130	90
Unit 3	3.34	6.60	175	126
Unit 4	2.99	6.24	135	118
Unit 5	8.01	16.01	440	240
Total	19.98	40.12		
Nasik				
Unit 3	3.22	6.42	148	124
Unit 4	3.05	5.93	147	101
Unit 5	0.00	0.00	0	0
Total	6.26	12.35		
Uran				
All Units	2.11	4.19	93	82
Total	2.11	4.19		
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	1.18	25	24
Total	0.59	1.18		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.18	3.40	180	35
Stage 4	0.42	1.29	295	0
Stage 3	0.51	1.32	160	0
Total	2.10	6.02		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.65	1.44	61	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	0.54	77	0
SMLHY_PTN	1.54	3.00	69	60
GHATGHAR	0.00	0.00	0	0
Total	2.42	4.98		
Wind				
Total	14.58	32.93	0	0
Total	14.58	32.93		
CPP				
APML(Mus)	50.56	105.87	0	0
JSWEL(Mus)	17.23	34.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.73	48.05	0	0
SWPGPL-Mus	7.31	15.09	0	0
Other(Mus)	4.96	10.05	0	0
Total	103.80	213.77		
SOLAR				
Total	12.50	24.62	0	0
Total	12.50	24.62		
Tata				
Trombay 5	7.69	15.08	418	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	2.68	92	41
Trombay 7B	1.08	2.15	59	36
TATA Hydro	0.98	5.66	173	0
Trombay 8	3.26	7.12	161	133
Total	14.37	32.69		
AEMIL				
DTPS U-1&2	8.94	18.78	468	291
Total	8.94	18.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.61	251.20	MSPGCL Total	133.84	267.57
			MSPGCL Thml+Gas	128.72	255.39	Koyna 1,2 & 4 Total	1.60	4.70
			MSPGCL Hydro	5.12	12.18	State Total	288.02	590.36

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	5187	153	90	5430	839	4319	0	0	7032	6939	-1565	15610	0	15610	2413	352	18375	50.01
2	4894	125	90	5109	888	4318	0	0	6828	6982	-1371	15605	0	15605	2265	321	18191	50.02
3	5382	130	90	5602	852	4372	0	0	6376	6316	-1259	15588	0	15588	2112	295	17995	50.00
4	5388	125	90	5603	797	4375	0	0	6525	6538	-1197	15826	0	15826	2012	290	18128	50.00
5	5303	125	90	5518	802	4355	0	0	6930	7103	-1172	16285	0	16285	1987	320	18593	49.99
6	5607	123	91	5821	803	4646	0	0	6973	7262	-1212	16979	0	16979	2029	341	19349	50.04
7	5612	124	91	5827	842	4976	0	54	7843	7356	-1255	17428	0	17428	2046	372	19846	50.07
8	5391	151	91	5633	679	4472	0	434	7860	7607	-1291	17148	0	17148	2096	386	19630	50.02
9	4954	173	93	5220	611	4275	0	964	7652	7426	-1245	16847	0	16847	2249	404	19500	50.04
10	5148	166	88	5402	590	3975	0	1391	7503	7367	-1356	16952	0	16952	2409	417	19778	50.04
11	4839	225	87	5151	468	3798	0	1688	7726	8076	-1574	17208	0	17208	2531	399	20138	50.01
12	4869	187	84	5140	397	4072	0	1715	7727	7728	-1578	17100	0	17100	2569	374	20043	50.01
13	4788	186	83	5057	395	3701	0	1635	7695	7618	-1535	16499	0	16499	2550	372	19421	50.02
14	4825	182	83	5090	389	3915	0	1577	7633	7434	-1474	16575	0	16575	2471	355	19402	50.03
15	4949	192	83	5224	421	4261	0	1390	7635	7431	-1491	16858	0	16858	2460	378	19696	50.03
16	4964	182	82	5228	514	4186	0	981	7779	7171	-1394	16299	0	16299	2456	387	19142	50.00
17	4898	181	85	5164	469	4297	0	515	7527	7600	-1274	16362	0	16362	2422	409	19193	50.01
18	5332	182	86	5600	487	4352	0	151	7325	6932	-1275	15822	0	15822	2401	425	18648	50.03
19	5769	441	86	6296	554	4455	0	5	7300	7124	-1198	16823	0	16823	2489	414	19725	50.06
20	5889	643	88	6620	545	5025	0	0	7128	7402	-1311	17860	0	17860	2576	421	20857	50.03
21	5586	424	89	6099	531	4627	0	0	7203	7426	-1569	16726	0	16726	2554	388	19668	50.00
22	5712	426	89	6227	534	4387	0	0	6960	7119	-1490	16385	0	16385	2520	391	19297	50.02
23	5712	149	89	5950	565	4355	0	0	7048	6979	-1559	15896	0	15896	2476	394	18766	50.01
24	5615	120	89	5824	603	4286	0	0	6983	6982	-1597	15724	0	15724	2461	373	18559	49.99
MUs	126.61	5.11	2.11	133.83	14.58	103.80	0.00	12.50	175.19	173.92	-33.24	396.41	0.00	396.41	56.55	8.98	461.94	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 02/Oct/2022

Position as on 6.30 Hrs of 03/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	01/10/2022
MSPGCL	Koyna Unit 4	70	05/08/2022	17:20		Continued.	Generator winding differential protection	02/10/2022
MSPGCL	Chandrapur Unit 8	500	06/09/2022	00:52		Continued.	COH	10/10/2022
MSPGCL	Koradi Unit 6	210	14/09/2022	14:35		Continued.	Tripped on Furnace Pressure High(converted to Overhaul)	03/10/2022
MSPGCL	Paras Unit 4	250	21/09/2022	00:08		Continued.	Annual Overhaul	16/10/2022
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	IEPL Unit 1	270	28/08/2018	21.26	02/10/2022	22:57	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	15/10/2022
MSPGCL	Uran Unit B0	120	27/08/2022	15:26		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	30/09/2022
MSPGCL	Uran Unit 8	108	01/09/2022	00:00		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
IPP	RPL(AMT) U-2	270	18/09/2022	13:44		Continued.	Bottom Ash Evacuation problem.	03/10/2022
MSPGCL	Uran Unit 5	108	27/09/2022	17:11		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	29/09/2022	21:00		Continued.	Seal Trough Leakage(converted to Critical Coal Stock w.e.f.21.00 Hrs Dt.30-09-	
IPP	Adani U-5	660	01/10/2022	14:38		Continued.	APH-A hot PA below Leakage	
MSPGCL	Koradi Unit 9	660	03/10/2022	03:12		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 03/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	02/10/2022	01:18	02/10/2022	05:05	EO	to attend the Hotspots
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	02/10/2022	07:38	02/10/2022	19:24	PO	Addition jumpuring work by using fire wedge type connector
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	27/09/2022	10:25			HT	for load management
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	03/10/2022	06:26			PO	Replacement of Disc Insulator Strings by Long Rod Porcelain strings
400 KV ICT Outages/Trippings							
STATION TRANSFORMER - 8A @ CHANDRAPUR SWITCHING SS	IntraState	26/09/2022	11:32				Oil filtration, Oil leakage attending, Electrical Testing and painting of Station Transformer -8A Station Transformer -8A Bus duct servicing, maintenance and below replacement
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	26/09/2022	07:44			HT	for load management on Nashik BBLR
MAHALAXMI - BACKBAY	IntraState	01/10/2022	09:39	02/10/2022	17:36	PO	Cable shifting work at Marine drive for Coastal road project work by BMC
BAPGAON - KALWA	IntraState	02/10/2022	14:31			PO	CB pole O/H work line will be in service through in TBC
EKLAHARE (OCR) - PADGHE	IntraState	03/10/2022	08:09			HT	For load management
KALWA - AIROLI KNOWLEDGE PARK	IntraState	03/10/2022	08:40			HT	For load management
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.

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