

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.590	124.590	1) Gujrat	8.647	8.647
2) Hydro	7.062	7.062	2) Madhya Pradesh	2.779	2.779
3) Gas	2.082	2.082	3) Chattisgarh	4.480	4.480
Total MSPGCL	133.734	133.734	4) Maharashtra	158.004	158.004
B) 1) APLM	55.305	55.305	5) Goa (Amona)	-1.490	-1.490
2) JSWEL	17.485	17.485	Total	172.420	172.420
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.473	31.473
4) RPL(AMT)	24.320	24.320	b) Mumbai Drawl	30.626	30.626
5) SWPGPL	7.776	7.776			
6) Other IPP	5.088	5.088	c) MSEDCL Bilateral *	72.908	72.908
7) PGPL	0.000	0.000	Include PX	0.000	0.000
C) 1) TPCL Thermal	11.243	11.243	d) Mumbai Bilateral *	31.473	31.473
2) TPCL Hydro	4.688	4.688	Include PX	0.000	0.000
3) TPCL Gas	2.390	2.390	Standby	0.000	0.000
4) AEML Thermal	9.838	9.838			
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C4+(B1-B6))	255.645	255.645	1) MSEDCL	406.533	406.533
2) Hydro (A2+C2)	11.750	11.750	2) Mumbai Discoms	58.761	58.761
3) Gas (A3+B7+C3)	4.472	4.472	3) Other Discoms	9.439	9.439
4) Wind	18.352	18.352			
6) SOLAR	12.118	12.118	TOTAL STATE	474.733	474.733
TOTAL STATE	302.337	302.337			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4861	4840	5692	5059
MSPGCL Hydro	325	185	1169	139
MSPGCL Gas	89	82	83	91
MSPGCL Total Generation	5275	5107	6944	5289
Central Sector Receipt	7908	7259	6875	6093
WIND	514	811	1313	808
CPP / IPP Thermal	4629	4712	5200	4640
CPP / IPP Gas	0	0	0	0
SOLAR	1341	1293	0	0
Exchange with Mumbai	-1106	-1092	-1232	-1228
MSEDCL DEMAND MET	18134	17691	18671	15313
Load Shedding	0	0	0	0
MSEDCL DEMAND	18134	17691	18671	15313
TPCL GENERATION	936	1041	921	505
AEML GENERATION	490	501	477	303
MUMBAI DEMAND	2532	2634	2630	2036
OTHER DISCOM DEMAND	427	399	429	289
STATE DEMAND MET	21093	20724	21730	17638
STATE DEMAND	21093	20724	21730	17638
Frequency (Hz)	50.00	49.99	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 06.03 Hrs	49.76 Hz at 17.54 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 01/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	10.32	10.32	484	370
Unit 9	9.64	9.64	435	368
Unit 10	10.05	10.05	465	380
Total	30.01	30.01		
Bhusawal				
Unit 3	2.56	2.56	120	85
Unit 4	7.08	7.08	375	240
Unit 5	8.02	8.02	390	280
Total	17.66	17.66		
Parli				
Unit 6	3.95	3.95	191	140
Unit 7	3.71	3.71	187	112
Unit 8	3.15	3.15	151	117
Total	10.81	10.81		
Chandrapur				
Unit 3	2.81	2.81	125	96
Unit 4	3.06	3.06	160	117
Unit 5	6.95	6.95	320	275
Unit 6	7.16	7.16	385	265
Unit 7	7.34	7.34	324	290
Unit 8	0.00	0.00	0	0
Unit 9	8.10	8.10	408	282
Total	35.41	35.41		
Paras				
Unit 3	4.46	4.46	202	148
Unit 4	0.00	0.00	0	0
Total	4.46	4.46		
Khaparkheda				
Unit 1	2.91	2.91	135	110
Unit 2	2.74	2.74	125	100
Unit 3	3.26	3.26	164	121
Unit 4	3.24	3.24	158	125
Unit 5	8.01	8.01	465	275
Total	20.15	20.15		
Nasik				
Unit 3	3.20	3.20	158	120
Unit 4	2.88	2.88	144	93
Unit 5	0.00	0.00	0	0
Total	6.08	6.08		
Uran				
All Units	2.08	2.08	92	82
Total	2.08	2.08		
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	0.59	27	23
Total	0.59	0.59		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.22	2.22	305	35
Stage 4	0.88	0.88	621	0
Stage 3	0.81	0.81	160	0
Total	3.91	3.91		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.79	0.79	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.30	0.30	77	0
SMLHY_PTN	1.46	1.46	83	0
GHATGHAR	0.00	0.00	0	0
Total	2.56	2.56		
Wind				
Total	18.35	18.35	0	0
Total	18.35	18.35		
CPP				
APML(Mus)	55.30	55.30	0	0
JSWEL(Mus)	17.48	17.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.32	24.32	0	0
SWPGPL-Mus	7.78	7.78	0	0
Other(Mus)	5.09	5.09	0	0
Total	109.97	109.97		
SOLAR				
Total	12.12	12.12	0	0
Total	12.12	12.12		
Tata				
Trombay 5	7.38	7.38	420	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.32	1.32	67	48
Trombay 7B	1.07	1.07	52	40
TATA Hydro	4.69	4.69	423	12
Trombay 8	3.86	3.86	225	131
Total	18.32	18.32		
AEMIL				
DTPS U-1&2	9.84	9.84	501	292
Total	9.84	9.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.59	124.59	MSPGCL Total	133.73	133.73
			MSPGCL Thml+Gas	126.67	126.67	Koyna 1,2 & 4 Total	3.10	3.10
			MSPGCL Hydro	7.06	7.06	State Total	302.34	302.34

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	5264	145	91	5500	512	4630	0	0	6573	6745	-1275	15749	0	15749	2286	363	18398	50.01
2	5220	179	91	5490	574	4630	0	0	6529	6486	-1285	15551	0	15551	2189	344	18084	50.00
3	5286	136	91	5513	723	4617	0	0	6582	6210	-1281	15475	0	15475	2104	307	17886	50.03
4	5059	139	91	5289	808	4640	0	0	6563	6093	-1228	15313	0	15313	2036	289	17638	50.04
5	5088	138	91	5317	776	4676	0	0	6673	6598	-1229	15832	0	15832	2028	306	18166	50.02
6	5476	139	92	5707	729	4720	0	0	7139	7262	-1264	16814	0	16814	2091	340	19245	50.04
7	5376	143	90	5609	711	4678	0	59	8291	8295	-1238	17733	0	17733	2122	381	20236	50.04
8	5405	178	90	5673	567	4796	0	450	8374	7966	-1234	17814	0	17814	2163	404	20381	50.03
9	5119	241	90	5450	508	4713	0	988	7754	7502	-1114	17622	0	17622	2339	425	20386	50.02
10	4861	325	89	5275	514	4629	0	1341	7673	7908	-1106	18134	0	18134	2532	427	21093	50.00
11	4781	378	88	5247	448	4580	0	1547	7849	7551	-1086	17865	0	17865	2703	422	20990	50.03
12	4819	366	86	5271	420	4458	0	1727	8061	7492	-1208	17742	0	17742	2801	418	20961	50.00
13	4731	302	85	5118	384	4241	0	1678	7798	7607	-1091	17532	0	17532	2698	405	20635	49.94
14	4805	182	83	5070	554	4134	0	1542	7465	7268	-1018	17153	0	17153	2622	397	20172	50.02
15	4840	185	82	5107	811	4712	0	1293	7762	7259	-1092	17691	0	17691	2634	399	20724	49.99
16	5280	171	84	5535	868	4444	0	903	7895	7415	-1477	17262	0	17262	2607	426	20295	50.00
17	5039	154	85	5278	1068	4157	0	466	7984	7684	-1606	16632	0	16632	2613	415	19660	49.97
18	5238	273	84	5595	1245	4309	0	124	7629	7419	-1495	16763	0	16763	2595	434	19792	49.90
19	5696	812	85	6593	1112	4854	0	0	7254	7042	-1423	17736	0	17736	2599	442	20777	49.97
20	5692	1169	83	6944	1313	5200	0	0	6829	6875	-1232	18671	0	18671	2630	429	21730	50.01
21	5626	272	84	5982	1097	4918	0	0	6949	6842	-1467	16944	0	16944	2783	428	20155	50.04
22	5464	277	83	5824	1065	4454	0	0	7144	7214	-1486	16654	0	16654	2684	417	19755	50.06
23	5101	346	82	5529	814	4306	0	0	6907	7113	-1324	16017	0	16017	2473	421	18911	50.00
24	5324	412	82	5818	731	4478	0	0	6562	6574	-1367	15835	0	15835	2453	399	18687	49.99
MUs	124.59	7.06	2.08	133.73	18.35	109.97	0.00	12.12	176.24	172.42	-30.63	406.53	0.00	406.53	58.79	9.44	474.76	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 01/Oct/2022

Position as on 6.30 Hrs of 02/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 02/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
KHADKA-AURANGABAD (WALUJ)	IntraState	30/09/2022	22:11	01/10/2022	09:30	HT	To control Overvoltage
PADGHE - KALWA CKT - 2	IntraState	01/10/2022	06:04	01/10/2022	14:32	PO	For Temporary diversion of the 400KV Kalwa-Padgha-II line between loc no. 3 to 46 on Dead Ckt of 400KV Padgha-Kharghar Line between loc no. 88 to 132 using ERS for the Work of replacement of existing 0.5 ACSR Twin Moose Conductor by HTLS conductor of Kalwa-Padgha-II line.
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
400 KV BR Outages/Trippings							
125MVar BUS REACTOR @ WARORA	IntraState	01/10/2022	10:37	01/10/2022	16:12	PO	Bushing Tan delta ,Diagnostic testing work
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	26/09/2022	07:44			HT	for load management on Nashik BBLR
EKLAHARE (OCR) - PADGHE	IntraState	29/09/2022	10:33	01/10/2022	19:24	PO	CB overhauling work
BORIVALI - TARAPUR	IntraState	30/09/2022	18:29	01/10/2022	18:34	T	TRIPPED ON SOTF WHILE CHARGING AFTER COMPLETION OF OUTAGE
KARAD - NERLE	IntraState	01/10/2022	05:52	01/10/2022	07:54	T	Tripped on DP
NERLE- POPHALI	IntraState	01/10/2022	05:55	01/10/2022	08:45	T	Tripped from Popoali end only
NERLE - DASGAON	IntraState	01/10/2022	05:56	01/10/2022	08:11	T	Tripped from Dasgaon end
TROMBAY - ANTOP HILL CKT - 2	IntraState	01/10/2022	06:16	01/10/2022	07:44	PO	Bird nest removal at Trombay
TAMBATI - ADLABS	IntraState	01/10/2022	07:05	01/10/2022	08:40	EO	Attending hotspot at Loc no. 528 (LILO tower) top phase.
PIRANGUT - HINJAWADI 2	IntraState	01/10/2022	09:28	01/10/2022	13:05	PO	Removal of earth wire & OPGW on Tower no 1
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
BORIVALI - TARAPUR	IntraState	01/10/2022	11:50	01/10/2022	18:34	PO	Work of replacement of rusted hardware in balance span at location 28-50.
KURKUMBH - SHIRSHUPHAL CKT	IntraState	01/10/2022	14:20	01/10/2022	15:55	PO	ISOLATION OF LINE ISOLATOR BY REMOVING JUMPERS TO REPLACE ISOLATOR.
BOISAR - VERSOVA	IntraState	01/10/2022	18:51	01/10/2022	21:58	HT	HT for load management
BAPGAON - KALWA	IntraState	02/10/2022	14:31			PO	CB pole O/H work line will be in service through in TBC

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 02/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/33kV 50MVA TF-1 @ KOPARGAON	IntraState	01/10/2022	11:00	01/10/2022	14:01	PO	For Diagnostic of 220/33 KV Trafo -1 and its associated equipment (Tan Delta, CRM, CBT) and Attending Hotspot at R Ph LV Bushing
220/132KV 200MVA ICT 1 @ KURKUMBH	IntraState	01/10/2022	11:06	01/10/2022	13:58	PO	RECONNECTION OF TBC ISOLATOR OF ICT BAY.
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