

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Oct/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.201	1075.763	1) Gujrat	12.177	91.877
2) Hydro	6.293	62.091	2) Madhya Pradesh	9.461	61.860
3) Gas	2.065	20.492	3) Chattisgarh	5.040	49.530
Total MSPGCL	129.559	1158.346	4) Maharashtra	150.615	1520.103
B) 1) APML	49.577	405.020	5) Goa (Amona)	-1.162	-12.107
2) JSWEL	16.771	154.970	Total	176.131	1711.263
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.745	294.745
4) RPL(AMT)	22.826	203.206	b) Mumbai Drawl	30.948	321.327
5) SWPGPL	7.760	62.387	c) MSEDCL Bilateral *	60.223	655.369
6) Other IPP	8.130	67.927	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.745	294.739
C) 1) TPCL Thermal	9.991	94.701	Include PX	0.000	0.000
2) TPCL Hydro	2.040	26.599	Standby	0.000	0.007
3) TPCL Gas	2.537	19.932	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.367	80.615	1) MSEDCL	383.706	3583.277
D) STATE			2) Mumbai Discoms	54.883	543.150
1) Thermal	245.623	2144.589	3) Other Discoms	8.863	82.582
(A1+C1+C4+(B1-B6))			TOTAL STATE	447.452	4209.009
2) Hydro (A2+C2)	8.333	88.690			
3) Gas (A3+B7+C3)	4.602	40.424			
4) Wind	2.936	134.669			
6) SOLAR	9.827	89.398			
TOTAL STATE	271.321	2497.770			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4585	4632	5728	4708
MSPGCL Hydro	501	141	580	155
MSPGCL Gas	121	41	84	127
MSPGCL Total Generation	5207	4814	6392	4990
Central Sector Receipt	7821	7525	7629	6658
WIND	67	66	138	145
CPP / IPP Thermal	4136	4149	4961	4422
CPP / IPP Gas	0	0	0	0
SOLAR	1300	1253	0	0
Exchange with Mumbai	-1328	-1523	-1305	-1123
MSEDCL DEMAND MET	16832	15914	17406	14793
Load Shedding	0	0	0	0
MSEDCL DEMAND	16832	15914	17406	14793
TPCL GENERATION	572	531	790	546
AEML GENERATION	488	462	415	311
MUMBAI DEMAND	2388	2516	2510	1980
OTHER DISCOM DEMAND	371	370	409	299
STATE DEMAND MET	19591	18800	20325	17072
STATE DEMAND	19591	18800	20325	17072
Frequency (Hz)	50.02	50.03	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 18.50 Hrs	49.8 Hz at 14.56 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 09/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.30	0.30	95	0
Unit 7	0.00	0.00	0	0
Unit 8	9.81	94.32	486	307
Unit 9	9.35	35.02	417	377
Unit 10	9.46	89.44	425	345
Total	28.91	219.08		
Bhusawal				
Unit 3	2.72	17.10	135	90
Unit 4	8.57	75.50	425	275
Unit 5	8.86	71.18	430	280
Total	20.16	163.78		
Parli				
Unit 6	4.14	35.40	219	150
Unit 7	4.18	36.02	223	148
Unit 8	3.12	28.23	136	127
Total	11.44	99.64		
Chandrapur				
Unit 3	3.17	26.60	167	120
Unit 4	2.92	22.19	138	100
Unit 5	6.68	59.98	320	177
Unit 6	7.17	66.39	365	275
Unit 7	7.36	67.96	343	285
Unit 8	0.00	0.00	0	0
Unit 9	8.67	77.50	432	281
Total	35.98	320.62		
Paras				
Unit 3	0.72	33.15	180	0
Unit 4	0.00	0.00	0	0
Total	0.72	33.15		
Khaparkheda				
Unit 1	2.98	26.36	140	115
Unit 2	2.98	26.00	140	120
Unit 3	3.48	32.19	180	126
Unit 4	3.23	28.96	153	125
Unit 5	7.84	72.74	425	272
Total	20.52	186.25		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	3.47	27.92	160	115
Unit 5	0.00	0.00	0	0
Total	3.47	53.24		
Uran				
All Units	2.06	20.49	127	0
Total	2.06	20.49		
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	5.35	25	24
Total	0.59	5.35		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.26	18.10	325	40
Stage 4	1.25	10.06	295	0
Stage 3	0.58	7.19	160	0
Total	3.10	35.35		
Hydro				
KDPH	0.16	2.43	18	0
VTRNA	0.00	1.82	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.26	2.20	77	0
SMLHY_PTN	1.87	13.50	88	72
GHATGHAR	0.31	1.43	125	0
Total	2.60	21.39		
Wind				
Total	2.94	134.67	0	0
Total	2.94	134.67		
CPP				
APML(Mus)	49.58	405.02	0	0
JSWEL(Mus)	16.77	154.97	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.83	203.21	0	0
SWPGPL-Mus	7.76	62.39	0	0
Other(Mus)	8.13	67.93	0	0
Total	105.06	893.51		
SOLAR				
Total	9.83	89.40	0	0
Total	9.83	89.40		
Tata				
Trombay 5	6.87	64.12	363	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	10.93	110	37
Trombay 7B	1.07	9.00	65	33
TATA Hydro	2.04	26.60	213	7
Trombay 8	3.12	30.58	136	126
Total	14.57	141.23		
AEML				
DTPS U-1&2	9.37	80.62	492	290
Total	9.37	80.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.20	1075.76	MSPGCL Total	129.56	1158.35
			MSPGCL Thml+Gas	123.27	1096.26	Koyna 1,2 & 4 Total	2.51	28.16
			MSPGCL Hydro	6.29	62.09	State Total	271.32	2497.77

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	4873	157	125	5155	179	4398	0	0	6751	6750	-1290	14846	0	14846	2237	346	17429	49.98
2	4719	156	127	5002	143	4395	0	0	6836	6770	-1184	14806	0	14806	2098	320	17224	49.97
3	4708	155	127	4990	145	4422	0	0	6612	6658	-1123	14793	0	14793	1980	299	17072	50.00
4	5108	156	126	5390	120	4499	0	0	6605	6561	-1054	15220	0	15220	1899	296	17415	50.00
5	5169	157	127	5453	114	4487	0	0	6884	6731	-1050	15429	0	15429	1879	306	17614	49.99
6	5317	158	127	5602	134	4730	0	0	7450	7219	-1102	16247	0	16247	1923	336	18506	50.00
7	5431	157	124	5712	114	4869	0	53	7870	7505	-1069	16826	0	16826	1978	358	19162	50.00
8	5385	174	122	5681	79	4716	0	389	7603	7452	-1010	16932	0	16932	2102	375	19409	50.01
9	4751	453	122	5326	72	4484	0	892	7763	7538	-1219	16686	0	16686	2258	407	19351	50.01
10	4585	501	121	5207	67	4136	0	1300	7887	7821	-1328	16832	0	16832	2388	371	19591	50.02
11	4621	523	122	5266	68	4014	0	1435	7989	7818	-1516	16734	0	16734	2502	351	19587	50.01
12	4760	266	116	5142	77	4046	0	1323	7869	7729	-1523	16390	0	16390	2534	404	19328	50.01
13	4632	141	41	4814	66	4149	0	1253	7754	7525	-1523	15914	0	15914	2516	370	18800	50.03
14	4555	139	0	4694	75	3935	0	1013	7913	7736	-1458	15630	0	15630	2459	365	18454	50.00
15	4596	144	0	4740	89	3849	0	938	7995	7640	-1466	15395	0	15395	2427	395	18217	49.93
16	4757	144	0	4901	101	4002	0	714	7903	7790	-1433	15692	0	15692	2399	383	18474	50.03
17	4869	148	0	5017	127	4264	0	383	7448	7371	-1306	15456	0	15456	2360	400	18216	50.00
18	5323	149	35	5507	116	4345	0	125	7326	7284	-1204	15747	0	15747	2337	426	18510	50.02
19	5444	900	84	6428	172	4513	0	9	7394	7853	-1235	17326	0	17326	2487	414	20227	50.04
20	5728	580	84	6392	138	4961	0	0	7718	7629	-1305	17406	0	17406	2510	409	20325	50.04
21	5564	312	84	5960	167	4648	0	0	7662	7583	-1404	16556	0	16556	2457	398	19411	50.01
22	5622	307	83	6012	187	4406	0	0	7304	7377	-1403	16182	0	16182	2427	397	19006	50.03
23	5422	163	84	5669	193	4410	0	0	7261	7068	-1382	15580	0	15580	2379	378	18337	50.00
24	5262	153	84	5499	193	4386	0	0	7084	6723	-1361	15082	0	15082	2347	358	17787	49.99
MUs	121.20	6.29	2.07	129.56	2.94	105.06	0.00	9.83	178.88	176.13	-30.95	383.71	0.00	383.71	54.88	8.86	447.45	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 09/Oct/2022

Position as on 6.30 Hrs of 10/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	22/10/2022
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	09/10/2022	18:38	Tripped on Furnace Pressure High(converted to Overhaul)	08/10/2022
MSPGCL	Paras Unit 4	250	21/09/2022	00:08		Continued.	Annual Overhaul	16/10/2022
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	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
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	10/10/2022
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	
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-4	660	04/10/2022	12:05		Continued.	due to APH-A hot PA bellow leakage.	10/10/2022
IPP	RPL(AMT) U-5	270	06/10/2022	21:33		Continued.	Furnace Pressure High	10/10/2022
MSPGCL	Paras Unit 3	250	07/10/2022	17:30	09/10/2022	18:48	High pressure heater leakage	10/10/2022
MSPGCL	Uran Unit 6	108	08/10/2022	13:01	09/10/2022	17:05	Gas shortage	
MSPGCL	Nasik Unit 3	210	08/10/2022	20:05		Continued.	PA FAN 3B motor replacement work	10/10/2022
IPP	RPL(AMT) U-1	270	09/10/2022	11:00	09/10/2022	15:47	M.S. PIPE LEAKAGE	09/10/2022
MSPGCL	Uran Unit B0	120	09/10/2022	11:53		Continued.	TURBINE PROTECTION OPERATED	
MSPGCL	Uran Unit 8	108	09/10/2022	12:30		Continued.	BOILER PROBLEM	10/10/2022
MSPGCL	Ghatghar Unit-2	125	10/10/2022	02:50		Continued.	Excitation Transformer problem.	
MSPGCL	Paras Unit 3	250	10/10/2022	07:35		Continued.	CHP coal feeding problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Oct/2022

Position as on 6.30 Hrs of 10/Oct/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	10/10/2022	07:43		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 10/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	27/09/2022	10:25			HT	for load management
KHADKA-AURANGABAD (WALUJ)	IntraState	08/10/2022	22:17	09/10/2022	05:48	HT	H/T on overvoltage
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	09/10/2022	06:00	09/10/2022	17:54	PO	Replacement of Disc Insulator Strings by Long Rod Porcelain strings
KHARGHAR - TALEGAON (PG)	IntraState	09/10/2022	06:48	09/10/2022	21:05	PO	Additional Jumpering at cut point locations by using Fired Wedge type Connector
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	09/10/2022	17:54			PO	Distance Protection
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	09/10/2022	6	09/10/2022	17:35		Disc Insulator string Replacement by Long Rod Porcelain string
220 KV LINE Outages/Trippings							
BOISAR - VERSOVA	IntraState	06/10/2022	08:15			PO	Bunching of lines at location no.SS 82 to facilitate the following project work: NHSRCL project: Relocation of existing Tr. Towers and lines at Vasai area - Tower no SS 221 & SS 223. DFCCIL project : Shifting of lines on temporary towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.
DAHANU - VERSOVA	IntraState	06/10/2022	08:22			PO	Bunching of lines at location no.SS 82 to facilitate the following project work:NHSRCL project: Relocation of existing Tr. Towers and lines at Vasai area - Tower no SS 221 & SS 223.DFCCIL project : Shifting of lines on temporary towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.
EKLAHARE (OCR) - PADGHE	IntraState	08/10/2022	22:52			HT	For load management
KAMBA - VASAI	IntraState	09/10/2022	10:47	09/10/2022	13:44	EO	Shifting of 220kv Kamba Vasai line on TBC for attending hot spot on 89D Yph Isolator CB side.
KANDALGAON - PIRANGUT	IntraState	09/10/2022	10:50	09/10/2022	17:10	PO	Replacement of Flashover & deteriorated polymer insulator at Loc.No.33 & 32 and other line maintenance work.
WAGHIVALI - DHARAVI 7	IntraState	09/10/2022	10:54	09/10/2022	11:28	T	TRIPPED ON DISTANCE PROTECTION.
KAMBA - VASAI	IntraState	09/10/2022	11:28	09/10/2022	13:44	HT	Due to heavy sparking observed at 89c isolator at vasai end
BUS - 1 @ TROMBAY	IntraState	10/10/2022	00:18	10/10/2022	06:45	PO	For attending Main bus isolator of ST-5 and ST-5 (CT Replacement, Relay replacement work, Transformer device relay replacement work, Bushing testing work)
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	10/10/2022	07:09			HT	H/T TO CONTROL NASIK-BABHLESHWAR DC LINE LOADING

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 10/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
220/33 KV 50 MVA PTR - 1 @ PHALTAN MIDC	IntraState	09/10/2022	08:08	09/10/2022	17:42	PO	Oil leakage attending work by Powerseal method & SFRA,DFRA testing 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.
WAGHIVALI - CHEMBUR	IntraState	09/10/2022	11:04	09/10/2022	19:20	EO	Third Party work-Construction of 400KV Kharghar-Vikhroli Line by AEML: Loc. No: 56 (Un-installation of Crane used for Tower Erection and Shifting of Crane from site.)

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