

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.908	1451.492	1) Gujrat	-5.945	-39.678
2) Hydro	14.068	181.011	2) Madhya Pradesh	5.340	70.045
3) Gas	9.875	60.359	3) Chattisgarh	3.870	37.290
Total MSPGCL	195.851	1692.862	4) Maharashtra	197.502	1723.995
B) 1) APML	58.170	617.871	5) Goa (Amona)	-1.572	-14.095
2) JSWEL	20.815	175.044	Total	199.195	1777.557
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.330	307.660
4) RPL(AMT)	31.394	265.783	b) Mumbai Drawl	38.445	334.311
5) SWPGPL	7.435	80.191	c) MSEDCL Bilateral *	77.811	675.154
6) Other IPP	21.748	211.913	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.330	307.660
C) 1) TPCL Thermal	14.898	131.559	Include PX	0.000	0.000
2) TPCL Hydro	3.063	27.454	Standby	0.000	0.000
3) TPCL Gas	4.233	29.649	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.617	103.969	1) MSEDCL	526.767	4699.994
D) STATE			2) Mumbai Discoms	72.256	626.941
1) Thermal	337.985	3037.822	3) Other Discoms	9.941	84.309
(A1+C1+C4+(B1-B6))			TOTAL STATE	608.964	5411.244
2) Hydro	17.131	208.465			
(A2+C2)					
3) Gas	14.108	90.008			
(A3+B7+C3)					
4) Wind	31.545	211.090			
6) SOLAR	9.000	86.303			
TOTAL STATE	409.769	3633.688			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	7302	7246	7036	7151
MSPGCL Hydro	403	396	695	574
MSPGCL Gas	398	398	412	414
MSPGCL Total Generation	8103	8040	8143	8139
Central Sector Receipt	10115	9654	7520	7770
WIND	1217	1170	1992	807
CPP / IPP Thermal	5271	5677	5925	5812
CPP / IPP Gas	0	0	0	0
SOLAR	1234	1250	0	268
Exchange with Mumbai	-2143	-2120	-1507	-1332
MSEDCL DEMAND MET	23345	23213	21605	21063
Load Shedding	0	0	0	0
MSEDCL DEMAND	23345	23213	21605	21063
TPCL GENERATION	867	876	1130	647
AEML GENERATION	480	495	475	475
MUMBAI DEMAND	3490	3491	3112	2454
OTHER DISCOM DEMAND	452	458	468	401
STATE DEMAND MET	27287	27162	25185	23918
STATE DEMAND	27287	27162	25185	23918
Frequency (Hz)	49.99	50.00	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 06.01 Hrs	49.79 Hz at 22.22 Hrs	50	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/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.37	37.11	190	170
Unit 7	0.00	0.00	0	0
Unit 8	13.60	119.89	589	530
Unit 9	12.56	109.47	535	510
Unit 10	13.30	118.07	575	535
Total	43.83	384.54		
Bhusawal				
Unit 3	3.09	27.86	140	115
Unit 4	10.27	42.72	460	360
Unit 5	9.51	77.08	460	355
Total	22.87	147.66		
Parli				
Unit 6	5.22	20.44	250	173
Unit 7	4.89	35.71	234	169
Unit 8	0.00	21.19	0	0
Total	10.11	77.34		
Chandrapur				
Unit 3	3.72	35.98	182	130
Unit 4	3.80	33.66	169	130
Unit 5	8.61	75.68	380	320
Unit 6	9.51	57.31	405	360
Unit 7	8.22	82.22	358	323
Unit 8	10.94	76.33	460	442
Unit 9	10.18	90.47	440	392
Total	54.98	451.65		
Paras				
Unit 3	2.02	38.91	219	0
Unit 4	2.54	37.08	177	0
Total	4.57	75.99		
Khaparkheda				
Unit 1	2.68	24.80	130	85
Unit 2	3.52	31.52	155	125
Unit 3	4.25	24.78	181	150
Unit 4	3.41	31.28	150	133
Unit 5	11.34	100.30	475	455
Total	25.20	212.68		
Nasik				
Unit 3	3.90	35.51	186	130
Unit 4	4.00	34.87	188	142
Unit 5	2.45	31.25	181	0
Total	10.35	101.64		
Uran				
All Units	9.88	60.36	425	387
Total	9.88	60.36		
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)	0.14	1.02	23	0
Total	0.14	1.02		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.74	37.21	510	40
Stage 4	2.07	52.67	692	0
Stage 3	1.04	20.03	150	0
Total	6.85	109.92		
Hydro				
KDPH	0.36	3.94	15	15
VTRNA	0.83	7.58	60	0
TILLARI	0.57	5.20	58	0
BHIRA T.R.	0.08	1.07	57	0
SMLHY_PTN	5.11	48.05	222	203
GHATGHAR	0.14	4.24	125	0
Total	7.08	70.07		
Wind				
Total	31.54	211.09	0	0
Total	31.54	211.09		
CPP				
APML(Mus)	58.17	617.87	0	0
JSWEL(Mus)	20.82	175.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.39	265.78	0	0
SWPGPL-Mus	7.44	80.19	0	0
Other(Mus)	21.75	211.91	0	0
Total	139.56	1350.80		
SOLAR				
Total	9.00	86.30	0	0
Total	9.00	86.30		
Tata				
Trombay 5	9.74	86.40	435	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.67	17.68	114	110
Trombay 7B	1.56	11.97	66	65
TATA Hydro	3.06	27.45	305	0
Trombay 8	5.16	45.16	236	130
Total	22.19	188.66		
AEML				
DTPS U-1&2	11.62	103.97	500	459
Total	11.62	103.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.91	1451.49	MSPGCL Total	195.85	1692.86
			MSPGCL Thml+Gas	181.78	1511.85	Koyna 1,2 & 4 Total	5.81	89.88
			MSPGCL Hydro	14.07	181.01	State Total	409.77	3633.69

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/May/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	7473	1128	424	9025	1143	6062	0	0	7437	7525	-1435	21979	0	21979	2943	341	25263	50.00
2	7361	1048	415	8824	1228	6067	0	0	7357	7398	-1309	21885	0	21885	2765	323	24973	50.03
3	7329	809	414	8552	1375	6032	0	0	7318	7345	-1172	21828	0	21828	2578	304	24710	50.02
4	7224	400	425	8049	1128	6003	0	0	7668	7533	-1086	21331	0	21331	2458	296	24085	50.00
5	7180	346	416	7942	1069	6029	0	0	7878	7635	-1069	21284	0	21284	2389	322	23995	50.01
6	7166	357	425	7948	1071	6045	0	1	8134	7821	-1050	21488	0	21488	2391	348	24227	50.02
7	7222	400	417	8039	1024	5984	0	61	7911	8558	-1192	22105	0	22105	2359	369	24833	50.05
8	7151	574	414	8139	807	5812	0	268	7266	7770	-1332	21063	0	21063	2454	401	23918	50.02
9	7273	333	404	8010	847	5893	0	601	7796	8091	-1655	21347	0	21347	2745	440	24532	50.06
10	7204	442	411	8057	988	5581	0	897	8461	8592	-1824	21835	0	21835	3109	456	25400	50.03
11	7006	417	409	7832	1077	5287	0	1162	9465	9587	-2039	22447	0	22447	3370	459	26276	49.99
12	7302	403	398	8103	1217	5271	0	1234	9931	10115	-2143	23345	0	23345	3490	452	27287	49.99
13	7246	396	398	8040	1170	5677	0	1250	9647	9654	-2120	23213	0	23213	3491	458	27162	50.00
14	7113	391	397	7901	1146	5430	0	1155	9628	9803	-2008	22985	0	22985	3405	442	26832	49.99
15	7199	620	397	8216	1125	5606	0	920	9516	9805	-2034	23175	0	23175	3513	463	27151	49.93
16	7241	467	387	8095	1155	5885	0	753	9772	9703	-2115	23003	0	23003	3571	473	27047	49.98
17	7102	492	410	8004	1219	5897	0	474	8782	9186	-1885	22413	0	22413	3491	482	26386	50.05
18	7046	394	410	7850	1515	5879	0	188	8116	8421	-1790	21572	0	21572	3336	491	25399	50.06
19	7035	427	411	7873	1830	5781	0	36	7490	7666	-1593	21118	0	21118	3145	475	24738	49.95
20	7036	695	412	8143	1992	5925	0	0	7342	7520	-1507	21605	0	21605	3112	468	25185	49.99
21	6953	417	423	7793	2001	5827	0	0	7186	7383	-1471	21078	0	21078	3044	455	24577	50.03
22	6955	481	422	7858	1929	5836	0	0	7223	7317	-1479	21023	0	21023	2961	438	24422	49.97
23	7073	1103	413	8589	1808	5881	0	0	7309	7388	-1543	21714	0	21714	3035	409	25158	49.92
24	7018	1528	423	8969	1681	5872	0	0	7447	7379	-1594	21931	0	21931	3101	376	25408	49.95
MUs	171.91	14.07	9.87	195.85	31.54	139.56	0.00	9.00	196.08	199.19	-38.45	526.77	0.00	526.77	72.26	9.94	608.96	50.00

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/May/2022

Position as on 6.30 Hrs of 10/May/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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		Continued.	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	
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)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	03/05/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 8	250	07/05/2022	12:25		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	08/05/2022	08:48		Continued.	APH-A high vibration and gearbox abnormal sound	
IPP	SWPGPL U-3	135	09/05/2022	09:30		Continued.	due to Boiler SSC chain broken problem	
MSPGCL	Paras Unit 4	250	09/05/2022	12:15	09/05/2022	15:12	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	09/05/2022	12:29		Continued.	ATTEND HP BYPASS BP2 V/V HEAVY GLAND LEAKAGE .	
MSPGCL	Nasik Unit 5	210	09/05/2022	16:15		Continued.	Generator protection	

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

Statement-VII

Position as on 6.30 Hrs of 10/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (704) OF EKTUNI CKT - 1 @ AKOLA 2	IntraState	09/05/2022	09:42	09/05/2022	16:28	PO	Circuit Breaker SF6 gas analysis
765 KV BR Outages/Trippings							
Main bay 711 of 765 kv Bus Reactor @ Ektuni	IntraState	09/05/2022	15:06	09/05/2022	18:02	PO	Diagnostic Testing of CT & Routine Maintenance
400 KV TIEBAY Outages/Trippings							
TIE BAY (418) OF CHANDRAPUR CKT & STATION TF - B @ KHAPARKHEDA	IntraState	09/05/2022	11:48	09/05/2022	12:41	PO	Tie Bay CTs Diagnostic Testing Work
400 KV MAINBAY Outages/Trippings							
MAIN BAY (417) OF CHANDRAPUR CKT @ KHAPARKHEDA	IntraState	09/05/2022	10:25	09/05/2022	11:36	PO	Main Bay CTs Diagnostic Testing Work
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
PADGHE - KALWA CKT - 1	IntraState	08/05/2022	22:36	09/05/2022	05:28	EO	Cold line and chemical cleaning of insulators at various locations in Mumbra Hill, Shilfata, Diagar area
NAGOTHANE - DABHOL CKT - 1	IntraState	09/05/2022	05:15	09/05/2022	06:14	T	Distance Tripped from Dabhol end only AR success from Nagothane side. Dabhol indication- 5.5 KM, 15 KAm, B-Phase.
JAIGAD - KARAD CKT - 2	IntraState	09/05/2022	10:45			PO	BAY MAINTENANCE WORK AT MSETCL KARAD
KARAD - TALANDGE CKT - 1	IntraState	09/05/2022	19:48			EO	To attend hot spot
400 KV ICT Outages/Trippings							
400/220/33 KV 500MVA ICT - 2 @ DEEPNAGAR	IntraState	10/05/2022	07:03			PO	FOR PRE-MONSOON MAINTENANCE WORK ALONG WITH DIAGNOSTIC TESTING WORK.
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.
BOISAR II - TARAPUR	IntraState	30/04/2022	11:32			PO	Replacement of existing 0.5 ACSR MOOSE Conductor at loc. No. 11- 28, replacement of heavily Rusted Hardware , heavily rusted earth-wire and all insulator strings of the line
TALANDGE - SAWANTWADI	IntraState	09/05/2022	08:17	09/05/2022	17:51	PO	Cold washing of line insulators.
CHEMBUR (AEML) - NERUL (M)	IntraState	09/05/2022	09:30	09/05/2022	22:26	T	DP
NAGOTHANE - MSL	IntraState	09/05/2022	09:36	09/05/2022	22:40	PO	R ph metering CT replacement work at consumer end
NAGOTHANE - MSL	IntraState	09/05/2022	09:36	09/05/2022	22:40	PO	CONSUMER END METERING CT REPLACEMENT WORK WILL BE. CARRIED OUT. LINE IS RADIAL.
LAMBOTI - TULJAPUR CKT - 1	IntraState	09/05/2022	11:50	09/05/2022	18:00	PO	CB overhauling work to be done from external agency.
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.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kv K'gaon S/s
220/22 KV 50 MVA PTR 2 @ MAHAD	IntraState	09/05/2022	08:27	09/05/2022	18:28	PO	Premonsoon maintance work & painting work.Daignosis test work.

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

Statement-VII

Position as on 6.30 Hrs of 10/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33-33KV 100MVA TF- 2 @ ICHALKARANJI - II	IntraState	09/05/2022	09:13	09/05/2022	16:55	PO	1)Quarterly bay maintenance work of TF and 33 kV Bus section II and its outgoing feeders 2) Diagnostic testing work of TF and bay equipment 3) Hot spot attending work
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	09/05/2022	09:38	09/05/2022	16:32	PO	TO check auxiliary protection & Q.M.W
132 KV LINE Outages/Trippings							
SOLAPUR 2(BALE)-NALDURG	IntraState	09/05/2022	16:25	09/05/2022	20:38	PO	DI Replacement at loc. no. 153R,Y phase,154 y phase
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	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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