

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/May/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	176.462	1796.599	1) Gujrat	-10.039	-57.570
2) Hydro	16.108	211.963	2) Madhya Pradesh	0.795	73.743
3) Gas	9.832	80.087	3) Chattisgarh	2.620	42.740
Total MSPGCL	202.402	2088.649	4) Maharashtra	192.085	2116.093
B) 1) APML	67.555	742.695	5) Goa (Amona)	-1.406	-17.143
2) JSWEL	19.762	215.095	Total	184.055	2157.863
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.652	378.215
4) RPL(AMT)	29.963	326.929	b) Mumbai Drawl	34.186	408.382
5) SWPGPL	6.341	92.792	c) MSEDCL Bilateral *	37.355	800.922
6) Other IPP	20.192	253.160	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.624	378.188
C) 1) TPCL Thermal	14.935	160.443	Include PX	0.000	0.000
2) TPCL Hydro	6.869	37.823	Standby	0.028	0.028
3) TPCL Gas	3.966	37.893	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.696	125.967	1) MSEDCL	528.051	5752.326
D) STATE			2) Mumbai Discoms	71.649	770.501
1) Thermal	346.906	3713.680	3) Other Discoms	10.161	104.613
(A1+C1+C4+(B1-B6))			TOTAL STATE	609.861	6627.440
2) Hydro (A2+C2)	22.977	249.786			
3) Gas (A3+B7+C3)	13.798	117.980			
4) Wind	34.589	285.385			
6) SOLAR	7.539	102.753			
TOTAL STATE	425.809	4469.584			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	7343	7302	6925	7535
MSPGCL Hydro	796	1204	716	366
MSPGCL Gas	401	389	403	416
MSPGCL Total Generation	8540	8895	8044	8316
Central Sector Receipt	9165	8742	7508	7345
WIND	564	1607	1762	1026
CPP / IPP Thermal	6181	6386	5837	5722
CPP / IPP Gas	0	0	0	0
SOLAR	1114	381	0	264
Exchange with Mumbai	-1906	-1758	-1432	-882
MSEDCL DEMAND MET	23186	23804	21257	21360
Load Shedding	0	0	0	0
MSEDCL DEMAND	23186	23804	21257	21360
TPCL GENERATION	1045	1240	1197	1114
AEML GENERATION	486	491	474	500
MUMBAI DEMAND	3437	3489	3103	2496
OTHER DISCOM DEMAND	472	449	462	431
STATE DEMAND MET	27095	27742	24822	24287
STATE DEMAND	27095	27742	24822	24287
Frequency (Hz)	49.98	49.99	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 18.01 Hrs	49.77 Hz at 13.43 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 11/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.90	45.26	185	145
Unit 7	0.00	0.00	0	0
Unit 8	13.37	146.70	587	535
Unit 9	12.91	132.10	550	505
Unit 10	13.00	143.97	559	526
Total	43.18	468.04		
Bhusawal				
Unit 3	3.41	34.50	155	125
Unit 4	10.95	64.12	485	415
Unit 5	9.54	95.62	435	365
Total	23.90	194.22		
Parli				
Unit 6	5.69	31.46	250	187
Unit 7	3.11	43.94	220	104
Unit 8	3.00	24.60	133	111
Total	11.80	100.00		
Chandrapur				
Unit 3	2.74	42.42	177	0
Unit 4	3.60	40.68	158	145
Unit 5	8.94	93.32	380	345
Unit 6	9.44	76.31	401	380
Unit 7	8.64	99.54	400	338
Unit 8	10.87	98.09	455	450
Unit 9	9.88	110.22	442	372
Total	54.10	560.58		
Paras				
Unit 3	3.44	42.36	228	0
Unit 4	4.78	46.15	224	163
Total	8.23	88.51		
Khaparkheda				
Unit 1	2.98	30.78	135	100
Unit 2	3.64	38.92	155	145
Unit 3	2.39	31.46	182	0
Unit 4	3.47	38.18	150	136
Unit 5	11.03	122.61	475	430
Total	23.52	261.95		
Nasik				
Unit 3	3.89	43.29	181	124
Unit 4	3.97	42.92	190	136
Unit 5	3.87	37.08	192	119
Total	11.72	123.30		
Uran				
All Units	9.83	80.09	435	366
Total	9.83	80.09		
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)	0.18	1.38	25	0
Total	0.18	1.38		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.05	45.34	460	40
Stage 4	1.26	56.75	483	0
Stage 3	1.70	23.24	160	0
Total	8.01	125.32		
Hydro				
KDPH	0.20	4.49	15	0
VTRNA	0.83	9.24	60	0
TILLARI	0.58	6.36	58	0
BHIRA T.R.	0.18	1.35	77	0
SMLHY_PTN	5.51	58.48	247	215
GHATGHAR	0.62	5.34	125	0
Total	7.92	85.26		
Wind				
Total	34.59	285.38	0	0
Total	34.59	285.38		
CPP				
APML(Mus)	67.56	742.70	0	0
JSWEL(Mus)	19.76	215.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.96	326.93	0	0
SWPGPL-Mus	6.34	92.79	0	0
Other(Mus)	20.19	253.16	0	0
Total	143.81	1630.67		
SOLAR				
Total	7.54	102.75	0	0
Total	7.54	102.75		
Tata				
Trombay 5	9.83	105.51	438	326
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.47	22.85	113	61
Trombay 7B	1.50	15.04	66	50
TATA Hydro	6.87	37.82	421	71
Trombay 8	5.10	54.93	232	130
Total	25.77	236.16		
AEML				
DTPS U-1&2	11.70	125.97	500	453
Total	11.70	125.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	176.46	1796.60	MSPGCL Total	202.40	2088.65
			MSPGCL Thml+Gas	186.29	1876.69	Koyna 1,2 & 4 Total	6.31	102.08
			MSPGCL Hydro	16.11	211.96	State Total	425.81	4469.58

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	7568	710	414	8692	1902	5806	0	0	6916	6761	-1369	21431	0	21431	2950	360	24741	50.00
2	7591	568	426	8586	1770	5758	0	0	7062	7010	-1094	21684	0	21684	2749	346	24779	50.03
3	7546	936	435	8916	1649	5774	0	0	6642	7057	-1104	21963	0	21963	2574	329	24866	50.01
4	7581	830	416	8826	1687	5731	0	0	6859	7008	-1058	21868	0	21868	2451	326	24645	50.03
5	7534	676	415	8626	1410	5762	0	0	7074	7320	-997	21784	0	21784	2379	337	24500	50.00
6	7557	946	426	8930	1372	5782	0	0	7232	7402	-954	22157	0	22157	2402	374	24934	49.94
7	7577	702	427	8706	1198	5764	0	74	7457	7120	-686	21763	0	21763	2403	413	24579	49.99
8	7535	366	416	8316	1026	5722	0	264	7157	7345	-882	21360	0	21360	2496	431	24287	50.01
9	7364	580	415	8360	861	5394	0	544	7493	7700	-1257	21141	0	21141	2764	460	24365	49.98
10	7434	754	414	8602	707	5761	0	827	7917	8376	-1673	22134	0	22134	3075	466	25675	49.95
11	7474	548	403	8424	576	5989	0	1005	8466	8712	-1836	22396	0	22396	3326	474	26196	49.99
12	7343	796	401	8540	564	6181	0	1114	9144	9165	-1906	23186	0	23186	3437	472	27095	49.98
13	7304	656	410	8370	646	6326	0	1179	9127	9193	-1889	23372	0	23372	3422	452	27246	49.95
14	7333	422	388	8142	842	6381	0	1034	9006	9022	-1777	23194	0	23194	3356	451	27001	49.93
15	7297	773	410	8480	992	6378	0	785	8940	9009	-1841	23350	0	23350	3435	452	27238	49.98
16	7302	1204	389	8895	1607	6386	0	381	8590	8742	-1758	23804	0	23804	3489	449	27742	49.99
17	7240	562	366	8168	1818	6358	0	213	8207	8081	-1698	22470	0	22470	3412	470	26352	50.04
18	7107	508	391	8006	2090	6268	0	104	7504	7239	-1598	21633	0	21633	3290	476	25399	50.03
19	6842	483	412	7737	2386	5841	0	15	7047	6898	-1451	20948	0	20948	3120	478	24546	50.02
20	6925	716	403	8044	1762	5837	0	0	7059	7508	-1432	21257	0	21257	3103	462	24822	49.96
21	7090	771	423	8284	1806	6145	0	0	6524	6551	-1390	20951	0	20951	3040	444	24436	50.01
22	7209	552	404	8165	2043	6098	0	0	6672	6632	-1452	21055	0	21055	2968	431	24454	50.05
23	7259	478	413	8150	1901	6169	0	0	7176	7170	-1496	21474	0	21474	2980	420	24874	50.02
24	7450	574	415	8439	1974	6202	0	0	7335	7034	-1588	21675	0	21675	3031	386	25092	49.99
MUs	176.46	16.11	9.83	202.40	34.59	143.81	0.00	7.54	182.61	184.05	-34.19	528.05	0.00	528.05	71.65	10.16	609.86	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 11/May/2022

Position as on 6.30 Hrs of 12/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	
IPP	Adani U-2	660	08/05/2022	08:48	11/05/2022	08:02	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	13/05/2022
MSPGCL	Paras Unit 3	250	09/05/2022	12:29	11/05/2022	05:26	ATTEND HP BYPASS BP2 V/V HEAVY GLAND LEAKAGE .	
MSPGCL	Khaparkheda Unit 3	210	11/05/2022	10:54	11/05/2022	20:13	Sparking on B Phase of GT -3	
MSPGCL	Chandrapur Unit 3	210	11/05/2022	17:25		Continued.	BOILER FEED PUMP FAILED HENCE DRUM LEVEL LOW.	
IPP	RPL(AMT) U-1	270	11/05/2022	21:00		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2022

Statement-VII

Position as on 6.30 Hrs of 12/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
KALWA - TALEGAON (PG)	InterState	11/05/2022	00:46	11/05/2022	06:26	EO	Chemical cleaning of insulators in the fog prone region loc no 1-10 (DC)
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
JAIGAD - KARAD CKT - 2	IntraState	09/05/2022	10:45			PO	BAY MAINTENANCE WORK AT MSETCL KARAD
KHARGHAR - TALEGAON (PG)	IntraState	11/05/2022	05:37	11/05/2022	08:40	T	DP
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	11/05/2022	12:27	11/05/2022	19:05	PO	String replacement work will be carried out on 400 kv Akola-Nandgaonpeth line. Also work of tightening of Spacers cum Vibration Dampers, providing of corona ring & arcing horn will be carried out.
PARLI-SOLAPUR (LAMBOTI)	IntraState	11/05/2022	16:12	11/05/2022	22:09	PO	(1) Hardware Tightening & Fitting Work
NAGOTHANE - DABHOL CKT - 1	IntraState	11/05/2022	18:53	11/05/2022	20:55	T	TRIPPED ON DIST.PROTN
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	12/05/2022	06:38			PO	String replacement work will be carried out on 400 kv Akola-Nandgaonpeth line. Also work of tightening of Spacers cum Vibration Dampers, providing of corona ring & arcing horn will be carried out.
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 2 @ NAGOTHANE	IntraState	11/05/2022	10:27	11/05/2022	12:50	PO	premonsoon diagnostic testing work
400 KV BUSBAR Outages/Trippings							
BUSBAR PROTECTION @ BABHALESHWAR	IntraState	10/05/2022	10:55	11/05/2022	21:30	PO	"Permission to shift LBB protection wire from 400kv RADS & 400kv ZIV Numerical Busbar .Bus Bar protection Out, outage required 400kv RADSS & 400kv Numerical Busbar@BBLR"
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	11/05/2022	23:50	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
TROMBAY - CARNAC - 7	IntraState	10/05/2022	23:12	11/05/2022	03:35	PO	GOD ALIGNMENT AT TROMBAY
KHAREPATAN -PAWAS LINE	IntraState	11/05/2022	09:15	11/05/2022	16:58	PO	For cold washing of line insulator.
URAN - APTA CKT - 1	IntraState	11/05/2022	09:48	11/05/2022	18:17	PO	Replacement of flashover insulators at Loc No. 25 by EHV Lines S/Dn Panvel and taking AR in service
PARLI (OLD GCR) - PARLI (PG) CKT 2	IntraState	11/05/2022	12:25	11/05/2022	16:54	PO	Hardware Tightening & Fitting work
CHITEGAON- CHITEPIMPALGAON (PG) CKT - 2	IntraState	11/05/2022	12:27	11/05/2022	16:00	PO	Diagonestic testing & routine maint. work is to be carried out.
APTA - TAMBATI	IntraState	11/05/2022	12:30	11/05/2022	17:55	PO	Shifting on TBC to to take Auto Reclose into service

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2022

Statement-VII

Position as on 6.30 Hrs of 12/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
VILE BHAGAD - KANDHALGAON	IntraState	11/05/2022	15:00	11/05/2022	19:15	PO	Outage tree cutting work at various location and other line maintenance work.
KHAREPATAN -PAWAS LINE	IntraState	11/05/2022	21:33			T	Distance Protection
BORIVALI - TARAPUR	IntraState	11/05/2022	21:44	11/05/2022	22:55	T	Distance Protection
BABLESHWAR- ALEPHATA CKT - 1	IntraState	11/05/2022	22:33	12/05/2022	06:11	EO	Attending Red Hot Spot on 29 D, Wave Trap
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 dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 2@ BALE(SOLAPUR)	IntraState	11/05/2022	10:10	11/05/2022	15:51	PO	Outage is required for Quarterly Maintenance
220/132KV 100 MVA ICT 2@ PETH	IntraState	11/05/2022	15:06	11/05/2022	18:02	PO	Premonsoon maintenance work & diagnostic testing of HV LV CB
220/33 KV 50 MVA PTR 3 @ SONKAR	IntraState	12/05/2022	06:37			PO	Premonsoon maintenance, LA Meggering, vidar test, water Cooling arrangement for T/f 3.
132 KV LINE Outages/Trippings							
NALDURG-WAGHDARI CKT	IntraState	11/05/2022	15:50	11/05/2022	18:10	PO	Outage is required for Quarterly Maintenance
132 KV BUSBAR Outages/Trippings							
MAIN BUS - 2 @ WAGHDARI	IntraState	11/05/2022	15:50	11/05/2022	18:10	PO	Outage is required for Quarterly Maintenance
110 KV LINE Outages/Trippings							
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.
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.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2022

Statement-VII

Position as on 6.30 Hrs of 12/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KALYAN KALWA SALSETTE 1	IntraState	11/05/2022	09:30	11/05/2022	17:51	PO	ATTENDING HOT SPOT AT LOC -111

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