

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/May/2022 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.632	942.838	1) Gujrat	-6.168	-24.383
2) Hydro	20.624	134.733	2) Madhya Pradesh	7.868	49.956
3) Gas	6.120	37.601	3) Chattisgarh	4.260	25.720
Total MSPGCL	186.376	1115.172	4) Maharashtra	195.727	1147.505
B) 1) APLM	73.557	424.242	5) Goa (Amona)	-1.431	-10.001
2) JSWEL	19.308	110.981	Total	200.256	1188.797
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.411	209.610
4) RPL(AMT)	31.295	171.825	b) Mumbai Drawl	38.066	224.861
5) SWPGPL	9.385	54.085	c) MSEDCL Bilateral *	75.321	448.518
6) Other IPP	23.170	145.333	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.411	209.610
C) 1) TPCL Thermal	15.472	88.342	Include PX	0.000	0.000
2) TPCL Hydro	3.432	20.498	Standby	0.000	0.000
3) TPCL Gas	3.110	18.741	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.835	69.465	1) MSEDCL	523.035	3123.879
D) STATE			2) Mumbai Discoms	71.915	421.906
1) Thermal	343.654	2007.111	3) Other Discoms	10.083	56.261
(A1+C1+C4+(B1-B6))			TOTAL STATE	605.033	3602.046
2) Hydro (A2+C2)	24.056	155.231			
3) Gas (A3+B7+C3)	9.230	56.342			
4) Wind	17.806	134.772			
6) SOLAR	10.031	59.794			
TOTAL STATE	404.777	2413.250			

* 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	6607	6632	7054	6603
MSPGCL Hydro	428	586	860	472
MSPGCL Gas	254	253	256	259
MSPGCL Total Generation	7289	7470	8170	7334
Central Sector Receipt	9611	10242	7276	7930
WIND	348	421	915	775
CPP / IPP Thermal	6386	6519	6588	6664
CPP / IPP Gas	0	0	0	0
SOLAR	1351	869	0	359
Exchange with Mumbai	-2237	-2210	-1589	-1118
MSEDCL DEMAND MET	22273	22841	20894	21521
Load Shedding	0	0	0	0
MSEDCL DEMAND	22273	22841	20894	21521
TPCL GENERATION	769	929	1017	828
AEML GENERATION	492	496	499	499
MUMBAI DEMAND	3498	3635	3105	2445
OTHER DISCOM DEMAND	475	471	465	423
STATE DEMAND MET	26246	26946	24464	24388
STATE DEMAND	26246	26946	24464	24388
Frequency (Hz)	50.02	50.00	49.88	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 18:03 Hrs	49.73 Hz at 22:13 Hrs	49.98	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 06/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.18	24.84	180	0
Unit 7	0.00	0.00	0	0
Unit 8	13.74	80.10	606	419
Unit 9	13.30	79.81	572	532
Unit 10	13.43	78.60	587	535
Total	43.66	263.34		
Bhusawal				
Unit 3	3.07	18.42	140	115
Unit 4	1.21	12.58	315	0
Unit 5	8.38	48.82	380	285
Total	12.66	79.82		
Parli				
Unit 6	0.00	10.99	0	0
Unit 7	4.76	20.90	227	148
Unit 8	3.24	19.55	140	124
Total	8.00	51.44		
Chandrapur				
Unit 3	3.96	24.89	180	129
Unit 4	3.67	22.60	169	136
Unit 5	7.89	51.56	345	295
Unit 6	9.23	29.61	413	344
Unit 7	9.11	54.86	400	330
Unit 8	10.04	43.67	459	139
Unit 9	10.19	60.33	451	398
Total	54.10	287.50		
Paras				
Unit 3	4.97	26.97	237	161
Unit 4	4.74	25.08	221	159
Total	9.70	52.04		
Khaparkheda				
Unit 1	2.82	16.90	140	100
Unit 2	3.68	21.52	160	145
Unit 3	0.00	15.57	0	0
Unit 4	3.53	20.83	152	140
Unit 5	11.38	66.29	478	465
Total	21.41	141.11		
Nasik				
Unit 3	4.07	23.78	186	135
Unit 4	4.10	22.85	186	138
Unit 5	1.94	20.95	188	0
Total	10.10	67.58		
Uran				
All Units	6.12	37.60	267	242
Total	6.12	37.60		
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)	0.09	0.66	15	0
Total	0.09	0.66		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.68	26.12	515	40
Stage 4	6.98	44.41	999	0
Stage 3	2.38	15.65	320	0
Total	13.04	86.17		
Hydro				
KDPH	0.35	2.88	15	15
VTRNA	0.81	5.06	60	0
TILLARI	0.55	3.47	58	0
BHIRA T.R.	0.20	0.76	80	0
SMLHY_PTN	5.28	32.20	232	208
GHATGHAR	0.30	3.53	125	0
Total	7.49	47.90		
Wind				
Total	17.81	134.77	0	0
Total	17.81	134.77		
CPP				
APML(Mus)	73.56	424.24	0	0
JSWEL(Mus)	19.31	110.98	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.30	171.82	0	0
SWPGPL-Mus	9.38	54.08	0	0
Other(Mus)	23.17	145.33	0	0
Total	156.72	906.47		
SOLAR				
Total	10.03	59.79	0	0
Total	10.03	59.79		
Tata				
Trombay 5	10.09	57.75	438	404
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	11.04	91	60
Trombay 7B	1.30	7.70	58	49
TATA Hydro	3.43	20.50	230	37
Trombay 8	5.38	30.59	232	194
Total	22.01	127.58		
AEML				
DTPS U-1&2	11.84	69.46	500	474
Total	11.84	69.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.63	942.84	MSPGCL Total	186.38	1115.17
			MSPGCL Thml+Gas	165.75	980.44	Koyna 1,2 & 4 Total	10.66	70.52
			MSPGCL Hydro	20.62	134.73	State Total	404.78	2413.25

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	6298	2020	248	8566	880	6757	0	0	7930	7921	-1539	22200	0	22200	2946	386	25532	49.91
2	6350	2104	258	8712	922	6777	0	0	7563	7511	-1284	22292	0	22292	2732	346	25370	49.98
3	6342	1938	267	8548	969	6768	0	0	7329	7544	-1046	22467	0	22467	2537	315	25320	49.98
4	6419	1476	259	8154	1024	6775	0	0	7293	7241	-923	21965	0	21965	2396	306	24668	49.97
5	6351	1340	249	7940	862	6774	0	0	7593	7565	-961	21840	0	21840	2338	341	24518	49.94
6	6492	1742	258	8492	725	6788	0	4	7576	7823	-1097	22374	0	22374	2366	362	25102	49.94
7	6591	1216	260	8068	837	6774	0	75	7789	7674	-954	22080	0	22080	2334	394	24808	50.03
8	6603	472	259	7334	775	6664	0	359	7787	7930	-1118	21521	0	21521	2445	423	24388	50.04
9	6384	467	257	7108	706	6296	0	704	7956	7566	-1366	20573	0	20573	2745	441	23759	50.01
10	6359	424	255	7038	526	5817	0	1028	8686	8677	-1615	21010	0	21010	3099	461	24570	50.03
11	6646	429	255	7330	468	6202	0	1220	9225	8989	-2030	21727	0	21727	3382	451	25561	50.02
12	6607	428	254	7289	348	6386	0	1351	9879	9611	-2237	22273	0	22273	3498	475	26246	50.02
13	6565	530	253	7348	281	6455	0	1372	9946	9836	-2179	22647	0	22647	3484	466	26598	50.03
14	6607	404	253	7264	256	6416	0	1225	9732	9937	-2064	22575	0	22575	3396	458	26430	50.02
15	6622	394	253	7270	323	6446	0	1030	10121	10447	-2097	22946	0	22946	3510	472	26928	50.00
16	6632	586	253	7470	421	6519	0	869	9936	10242	-2210	22841	0	22841	3635	471	26946	50.00
17	6704	396	251	7350	642	6531	0	527	9606	9321	-2114	21791	0	21791	3534	466	25792	50.05
18	6629	393	242	7264	734	6326	0	234	8682	8890	-1955	21030	0	21030	3364	462	24857	50.04
19	6778	403	252	7433	848	6448	0	33	7740	7921	-1686	20527	0	20527	3145	469	24142	49.99
20	7054	860	256	8170	915	6588	0	0	7592	7276	-1589	20894	0	20894	3105	465	24464	49.88
21	7082	582	257	7921	984	6491	0	0	7509	7465	-1556	20865	0	20865	3024	440	24329	49.98
22	7042	404	257	7702	1065	6457	0	0	7461	7670	-1462	21017	0	21017	2945	415	24378	49.90
23	7266	614	247	8126	1128	6616	0	0	7673	7378	-1439	21403	0	21403	2950	406	24760	49.91
24	7209	1002	267	8478	1167	6644	0	0	7736	7822	-1545	22175	0	22175	3005	391	25570	49.91
MUs	159.63	20.62	6.12	186.38	17.81	156.71	0.00	10.03	200.34	200.26	-38.07	523.03	0.00	523.03	71.92	10.08	605.03	49.98

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 06/May/2022

Position as on 6.30 Hrs of 07/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	Bhusawal Unit 4	500	02/05/2022	11:00	06/05/2022	18:25	Boiler Tube Leakage	06/05/2022
MSPGCL	Parli Unit 6	250	03/05/2022	12:13		Continued.	Boiler Tube Leakage	06/05/2022
MSPGCL	Khaparkheda Unit 3	210	05/05/2022	01:31		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	05/05/2022	17:36		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	05/05/2022	22:53	06/05/2022	11:30	Rotor Earth Fault	
MSPGCL	Koradi Unit 6	210	06/05/2022	11:28	06/05/2022	15:58	Generator Elect. Fault	
MSPGCL	Koradi Unit 9	660	07/05/2022	05:34		Continued.	Regenerative/ Rotating Air Preheater problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2022

Statement-VII

Position as on 6.30 Hrs of 07/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY - 702 OF BUS REACTOR AND 765/400kV 1500MVA ICT @ AKOLA 2	IntraState	06/05/2022	10:19	06/05/2022	14:55	PO	Circuit Breaker SF6 gas analysis
400 KV TIEBAY Outages/Trippings							
TIE BAY (411) OF DHARIWAL CKT - 2 & NANDED CKT @ CHANDRAPUR - 2	IntraState	06/05/2022	09:28	06/05/2022	11:43	PO	Diagnostic testing and allied bay maintenance work
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
KHARGHAR - TALEGAON (PG)	IntraState	06/05/2022	01:32	06/05/2022	04:47	EO	Temporary arrangement done in tripping of line in respect of suspension clamp is to be removed and replaced at Loc No 31- R phase and chemical cleaning of Insulator string to be carried out hence Outage required on said Line
KHARGHAR - TALEGAON (PG)	IntraState	06/05/2022	06:00	06/05/2022	08:50	EO	At Loc no.10- DTN (CP) R phase, out of 2 strings 1 string is decapped and 1 string shattered on which line is still in service & same is to be removed & replaced on top priority hence, outage required on said Line.
BABHALESHWAR - PADGHE CKT - 2	IntraState	07/05/2022	00:59	07/05/2022	04:40	EO	A] HVDC TL O&M Sub-Division, Junnar:- 1. Cleaning of dust contaminated insulator string from location no.845 to 854 in Naneghat Area. B] HVDC TL O&M Sub-Division, Padghe :- 1. Cleaning of dust contaminated insulator string from location no.855 to 861 in Naneghat Area.
PADGHE - PADGHE HVDC CKT- 2	IntraState	07/05/2022	05:06			EO	1) Attending hotspot on 29C Bus R-Ph PG Isolator, CT side and line isolator side. Temp. 151 degree and 108 degree resp. 2) B-Bus R-Ph PG isolator and B-Bus B-Ph PG isolator (Temp. 89 degree & 80 degree resp.)
400 KV ICT Outages/Trippings							
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	06/05/2022	09:27	06/05/2022	16:31	PO	Premansoon maint. work
220 KV TBC Outages/Trippings							
TBC @ AAREY	IntraState	06/05/2022	10:10	06/05/2022	23:16	PO	"1. As a safety measure for working on transformer 2. Annual maintenance of 889C "
TBC @ VERSOVA (AEML)	IntraState	06/05/2022	14:02	06/05/2022	15:54	EO	attending SF6 gas pressure low alarm
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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2022

Statement-VII

Position as on 6.30 Hrs of 07/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
CENTURI ENKA- BHOSARI	IntraState	05/05/2022	16:57	06/05/2022	00:11	PO	Due to high Tan delta values of CT replacement work as per LE Scheme
SHENDRA - CHITTEPIMPALGAON (PG) CKT - 1	IntraState	05/05/2022	23:03	06/05/2022	01:36	HT	H/T DUE TO O/D AT LOW FREQUENCY
BHUGAON - WARDHA (PG)	IntraState	05/05/2022	23:31	06/05/2022	01:37	HT	H/T DUE TO O/D AT LOW FREQUENCY
PADGHE - PAL DOMBIVALI	IntraState	06/05/2022	05:08	06/05/2022	12:24	PO	1)Charging of 220kV 2000 sqmm. EHV cable between Loc no. 43 & 45 on 220kV Padgha - PAL line. 2)Cut - point formation on Loc No. 43 & 45 Replacement of Existing distance relay by distance cum Differential relay (SIEMENS) at 220kV Padgha S/S & 220kV Pal S/S.
NAGOTHANE - WADKHAL (GIS) CKT-1	IntraState	06/05/2022	10:29	06/05/2022	16:09	PO	Replacement of faulty insulator found in PID testing, other routine maintenance work. Cold line cleaning & jumper nut bolt tightening work
NAGOTHANE - WADKHAL (GIS) CKT-2	IntraState	06/05/2022	16:27	06/05/2022	19:42	PO	Replacement of faulty insulator found in PID testing, other routine maintenance work. Cold line cleaning & jumper nut bolt tightening work
KHARGHAR - NERUL	IntraState	06/05/2022	18:35	06/05/2022	23:43	PO	To attend hotspot at various locations and Routine Maintenance Work
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 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17	06/05/2022	13:42	T	Differential Protection
220/22 KV 50 MVA PTR 2 @ ANANDNAGAR	IntraState	06/05/2022	06:08	06/05/2022	12:28	PO	Pre monsoon maintenance work and Bus Isolator maintenance of F. No. 7
220/100 KV 100 MVA ICT 2 @ TAMBATI	IntraState	06/05/2022	06:58	06/05/2022	11:40	PO	Hot spots attending work and R&M work
220/22 KV 50 MVA PTR 3 @ MAHAD	IntraState	06/05/2022	08:32	06/05/2022	19:04	PO	Transformer Painting Work & Diagnosis test by Testing team K'gaon and R&M work.
220/100 KV 100 MVA ICT 1 @ VASAI-II	IntraState	06/05/2022	09:36	06/05/2022	17:33	PO	For Diagnostic Testing, R ph HV LA replacement & bay maintenance work.
220/33kV 100 MVA TF 4 @ AAREY	IntraState	06/05/2022	10:08	06/05/2022	23:09	PO	"1. Replacement of NGT (Neutral Grounding Transformer) 2. Premonsoon Maintenance work"
220/33-33 KV 100 MVA PTR 2 @ BOISAR-II	IntraState	07/05/2022	06:27			T	TRIPPED ON DIFFERENTIAL PROTECTION
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2022

Statement-VII

Position as on 6.30 Hrs of 07/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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