

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.273	158.273	1) Gujrat	-4.377	-4.377
2) Hydro	12.484	12.484	2) Madhya Pradesh	4.560	4.560
3) Gas	6.112	6.112	3) Chattisgarh	3.120	3.120
Total MSPGCL	176.869	176.869	4) Maharashtra	170.258	170.258
B) 1) APLM	64.763	64.763	5) Goa (Amona)	-1.554	-1.554
2) JSWEL	21.982	21.982	Total	172.007	172.007
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.478	34.478
4) RPL(AMT)	28.592	28.592	b) Mumbai Drawl	35.576	35.576
5) SWPGPL	8.049	8.049	c) MSEDCL Bilateral *	77.545	77.545
6) Other IPP	25.821	25.821	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.478	34.478
C) 1) TPCL Thermal	13.049	13.049	Include PX	0.000	0.000
2) TPCL Hydro	1.638	1.638	Standby	0.000	0.000
3) TPCL Gas	2.920	2.920	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.186	11.186	1) MSEDCL	497.363	497.363
D) STATE			2) Mumbai Discoms	64.369	64.369
1) Thermal	331.715	331.715	3) Other Discoms	8.856	8.856
(A1+C1+C4+(B1-B6))			TOTAL STATE	570.588	570.588
2) Hydro (A2+C2)	14.122	14.122			
3) Gas (A3+B7+C3)	9.032	9.032			
4) Wind	33.600	33.600			
6) SOLAR	10.112	10.112			
TOTAL STATE	398.581	398.581			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6579	6655	6491	6624
MSPGCL Hydro	458	364	458	282
MSPGCL Gas	257	247	247	257
MSPGCL Total Generation	7294	7266	7196	7164
Central Sector Receipt	7853	7952	6460	6868
WIND	825	943	1885	1101
CPP / IPP Thermal	5475	6096	5980	6417
CPP / IPP Gas	0	0	0	0
SOLAR	1338	1128	0	347
Exchange with Mumbai	-1617	-1703	-1713	-1098
MSEDCL DEMAND MET	20772	21306	19426	20428
Load Shedding	0	0	0	0
MSEDCL DEMAND	20772	21306	19426	20428
TPCL GENERATION	550	622	665	819
AEML GENERATION	472	456	483	457
MUMBAI DEMAND	2639	2781	2861	2374
OTHER DISCOM DEMAND	395	377	381	370
STATE DEMAND MET	23806	24464	22668	23172
STATE DEMAND	23806	24464	22668	23172
Frequency (Hz)	49.92	50.02	49.96	50.22

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.33 Hz at 07.59 Hrs	49.78 Hz at 12.39 Hrs	50.02	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/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.30	4.30	205	125
Unit 7	0.00	0.00	0	0
Unit 8	13.91	13.91	603	489
Unit 9	13.47	13.47	590	503
Unit 10	13.22	13.22	596	485
Total	44.89	44.89		
Bhusawal				
Unit 3	2.82	2.82	130	105
Unit 4	7.98	7.98	370	280
Unit 5	7.82	7.82	355	280
Total	18.62	18.62		
Parli				
Unit 6	3.85	3.85	244	0
Unit 7	0.80	0.80	151	0
Unit 8	3.26	3.26	146	130
Total	7.91	7.91		
Chandrapur				
Unit 3	3.85	3.85	188	119
Unit 4	3.49	3.49	166	125
Unit 5	8.19	8.19	380	285
Unit 6	0.00	0.00	0	0
Unit 7	8.40	8.40	396	283
Unit 8	11.37	11.37	490	434
Unit 9	10.18	10.18	439	394
Total	45.48	45.48		
Paras				
Unit 3	4.09	4.09	223	132
Unit 4	4.06	4.06	216	135
Total	8.15	8.15		
Khaparkheda				
Unit 1	2.68	2.68	125	100
Unit 2	3.51	3.51	160	125
Unit 3	3.93	3.93	183	129
Unit 4	3.37	3.37	153	125
Unit 5	10.80	10.80	480	340
Total	24.29	24.29		
Nasik				
Unit 3	3.44	3.44	180	117
Unit 4	2.37	2.37	158	0
Unit 5	3.12	3.12	150	115
Total	8.94	8.94		
Uran				
All Units	6.11	6.11	267	236
Total	6.11	6.11		
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)	0.01	0.01	13	0
Total	0.01	0.01		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.41	2.41	500	40
Stage 4	1.40	1.40	482	0
Stage 3	1.02	1.02	160	0
Total	4.83	4.83		
Hydro				
KDPH	0.37	0.37	16	16
VTRNA	0.84	0.84	60	0
TILLARI	0.60	0.60	58	0
BHIRA T.R.	0.15	0.15	77	0
SMLHY_PTN	4.98	4.98	225	186
GHATGHAR	0.70	0.70	125	0
Total	7.64	7.64		
Wind				
Total	33.60	33.60	0	0
Total	33.60	33.60		
CPP				
APML(Mus)	64.76	64.76	0	0
JSWEL(Mus)	21.98	21.98	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.59	28.59	0	0
SWPGPL-Mus	8.05	8.05	0	0
Other(Mus)	25.82	25.82	0	0
Total	149.21	149.21		
SOLAR				
Total	10.11	10.11	0	0
Total	10.11	10.11		
Tata				
Trombay 5	8.95	8.95	436	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.69	1.69	88	50
Trombay 7B	1.23	1.23	58	42
TATA Hydro	1.64	1.64	205	0
Trombay 8	4.10	4.10	233	133
Total	17.61	17.61		
AEML				
DTPS U-1&2	11.19	11.19	494	385
Total	11.19	11.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.27	158.27	MSPGCL Total	176.87	176.87
			MSPGCL Thml+Gas	164.38	164.38	Koyna 1,2 & 4 Total	3.81	3.81
			MSPGCL Hydro	12.48	12.48	State Total	398.58	398.58

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	6669	1482	247	8398	1720	6979	0	0	7502	7624	-1563	22810	0	22810	3050	347	26208	49.91
2	6744	1090	267	8100	1626	6977	0	0	7692	7667	-1449	22598	0	22598	2867	323	25788	49.99
3	6925	748	257	7930	1776	6949	0	0	7433	7556	-1296	22629	0	22629	2685	286	25600	50.01
4	6965	568	266	7798	1638	6961	0	0	7076	7400	-1162	22341	0	22341	2564	295	25200	50.02
5	6959	754	257	7970	1576	6966	0	0	6950	7364	-1124	22441	0	22441	2478	310	25230	50.01
6	6962	900	247	8108	1475	6984	0	0	7118	7392	-1158	22467	0	22467	2493	335	25294	50.02
7	6982	566	267	7814	1256	6881	0	77	7007	7059	-1117	21608	0	21608	2417	362	24388	50.08
8	6624	282	257	7164	1101	6417	0	347	6646	6868	-1098	20428	0	20428	2374	370	23172	50.22
9	6133	294	257	6684	896	5865	0	710	6600	6952	-1252	19460	0	19460	2410	396	22265	50.15
10	6112	448	256	6816	744	5368	0	983	7075	7180	-1433	19255	0	19255	2469	402	22127	50.04
11	6099	410	257	6766	721	5371	0	1234	7438	7671	-1536	19824	0	19824	2560	402	22786	49.97
12	6579	458	257	7294	825	5475	0	1338	7729	7853	-1617	20772	0	20772	2639	395	23806	49.92
13	6841	366	237	7444	819	5983	0	1375	7944	7439	-1614	21053	0	21053	2667	393	24113	49.90
14	6293	362	266	6920	825	5945	0	1272	7872	7826	-1658	20755	0	20755	2686	376	23816	49.93
15	6655	364	247	7266	943	6096	0	1128	7945	7952	-1703	21306	0	21306	2781	377	24464	50.02
16	6840	360	237	7436	1200	6354	0	850	7752	7431	-1731	21152	0	21152	2827	389	24368	50.02
17	6443	362	266	7070	1597	5960	0	525	7293	6897	-1665	19985	0	19985	2765	399	23150	50.10
18	5924	378	247	6550	1764	5632	0	239	6680	6948	-1513	19220	0	19220	2662	400	22282	50.09
19	5903	380	257	6540	1833	5305	0	33	6318	6769	-1478	18598	0	18598	2602	405	21604	50.04
20	6231	492	247	6970	1870	5742	0	0	6032	6555	-1497	19237	0	19237	2739	404	22380	49.96
21	6761	336	266	7362	1900	5997	0	0	6028	6033	-1653	19236	0	19236	2807	404	22446	50.00
22	6491	458	247	7196	1885	5980	0	0	6313	6460	-1713	19426	0	19426	2861	381	22668	49.96
23	6994	326	267	7588	1836	6232	0	0	6747	6828	-1832	20293	0	20293	2920	359	23572	50.00
24	7144	304	236	7684	1774	6788	0	0	6799	6283	-1714	20468	0	20468	3046	346	23860	50.03
MUs	158.27	12.48	6.11	176.87	33.60	149.21	0.00	10.11	169.99	172.01	-35.58	497.36	0.00	497.36	64.37	8.86	570.59	50.02

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/May/2022

Position as on 6.30 Hrs of 02/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 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	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	Uran Unit 5	108	20/04/2022	16::27		Continued.	Gas shortage	
MSPGCL	Parli Unit 6	250	28/04/2022	05:35	01/05/2022	01:15	Boiler Tube Leakage	30/04/2022
MSPGCL	Chandrapur Unit 6	500	29/04/2022	00:15		Continued.	Boiler Tube Leakage	02/05/2022
MSPGCL	Nasik Unit 4	210	30/04/2022	11:46	01/05/2022	06:17	Main Steam Line Leakage	
MSPGCL	Parli Unit 7	250	01/05/2022	05:22		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U3	300	02/05/2022	01:46		Continued.	Withdrawn	
IPP	RPL(AMT) U-1	270	02/05/2022	07:15		Continued.	CW line below leakage	

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

Statement-VII

Position as on 6.30 Hrs of 02/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY - 402 OF BUS REACTOR @ ALKUD	IntraState	29/04/2022	15:25			EO	For breaker replacement work
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	01/05/2022	13:47	01/05/2022	20:02	T	Tripped on Distance Protection.
CHANDRAPUR - BHADRAVATI CKT - 4	InterState	01/05/2022	16:28	01/05/2022	18:51	T	Tripped on Distance Protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
PARLI-SOLAPUR (LAMBOTI)	IntraState	01/05/2022	09:35	01/05/2022	17:04	EO	Flashover is observed on middle phase of location-219
LONIKAND I - KOYNA STAGE-IV	IntraState	01/05/2022	10:26	01/05/2022	10:57	T	TRIPPED ON DIST.PROTECTION
JEJURI- KOYNA STAGE-IV	IntraState	01/05/2022	10:30	01/05/2022	11:01	T	TRIPPED ON DIST.PROTECTION
CHANDRAPUR 2 - WARORA CKT-2	IntraState	01/05/2022	16:15	01/05/2022	18:28	T	Tripped on Distance Protection.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	01/05/2022	16:21	01/05/2022	17:49	T	Tripped on Distance Protection.
400 KV ICT Outages/Trippings							
400/220/20 KV 500MVA ICT - 3 @ KALWA	IntraState	01/05/2022	07:07	01/05/2022	19:36	PO	All diagnostic testing work, RTV coating required to avoid NDR tripping.
400/220 KV 500MVA ICT - 4 @ KALWA	IntraState	01/05/2022	20:15	01/05/2022	22:24	EO	Error observed in LV back up relay; needs to be attended urgently
400 KV BR Outages/Trippings							
80 MVAr Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
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
CHAKAN - CHINCHWAD 2	IntraState	01/05/2022	00:20	01/05/2022	20:30	PO	Erection of two nos of monopole (without cross arm) at loc 19 & 20 within corridor of DC line. Outage needed for safety clearance only. No destringing or restringing will be done.
CHINCHWAD-2 - TELCO	IntraState	01/05/2022	00:44	01/05/2022	21:34	PO	Erection of two nos of monopole (without cross arm) at loc 19 & 20 within corridor of DC line. Outage needed for safety clearance only. No destringing or restringing will be done.
ANANDNAGAR - PALAVA	IntraState	01/05/2022	05:02	01/05/2022	09:30	PO	For R-Phase Wave Trap bottom side Critical hot spot attending work and bay R& M work
ONGC URAN - JNPT	IntraState	01/05/2022	09:02	01/05/2022	14:19	EO	Annual Shutdown Maintenance work of M/s JNPT and MSETCL will carry out work under opportunity outage
URAN - JNPT	IntraState	01/05/2022	09:02	01/05/2022	14:19	EO	M/s JNPT has proposed annual shutdown for their maintenance work. In opportunity outage MSETCL will carry out maintenace work
RAYMOND - TKEC	IntraState	01/05/2022	09:15	01/05/2022	16:15	PO	Maintenance work at consumer end.

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

Statement-VII

Position as on 6.30 Hrs of 02/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KAMBA - VASAI	IntraState	01/05/2022	09:17	01/05/2022	14:22	EO	1) Loc No.3-4 DP 2 Y-PH insulator string replacement work due to spark observed on 1st string. (Image Attached) 2) Cold Line washing near Sureksha city,Vasai area. (For Y- phase identified LA IR test, bay maintenance work will be carried out in opportunity at 220KV Vasai ss)
ADLABS - PEDAMBE	IntraState	01/05/2022	10:30	01/05/2022	20:11	PO	Outage trre cutting work at Loc.No.163-164,184-186,199-200,211-213,279-280,281-282,290-291,293-294,298-302 and other line maintenance work.
RANJANGAON - U TECH SUGAR CKT	IntraState	01/05/2022	12:18	01/05/2022	17:45	PO	Work of attending Hot Spots at various Locations (All Hot Spots between 70 to 90 deg) & Fixing of Repair Sleeves to conductor.
RANJANGAON-FIAT 1	IntraState	01/05/2022	12:50	01/05/2022	16:25	PO	For Annual Relay testing work at consumer End
RANJANGAON-FIAT 2	IntraState	01/05/2022	16:40	01/05/2022	18:20	PO	For Annual Relay testing work at consumer End
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
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/22 KV 50 MVA PTR 1 @ MULUND	IntraState	01/05/2022	05:18	01/05/2022	10:29	EO	1. EMERGENCY OUTAGE FOR 50MVA T/F- 1 LV 2B PH DROPPER JUMER HOTSPOT ATTENDING WORK.
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 - 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.

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

Statement-VII

Position as on 6.30 Hrs of 02/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
TATA AMBERNATH MSETCL NERAL	IntraState	01/05/2022	00:45	01/05/2022	02:48	HT	Emergency Outage for Attending Hotspots.

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