

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	170.555	2490.884	1) Gujrat	-6.575	-90.308
2) Hydro	22.686	290.928	2) Madhya Pradesh	5.222	83.382
3) Gas	5.172	108.078	3) Chattisgarh	2.780	54.560
Total MSPGCL	198.413	2889.890	4) Maharashtra	181.043	2849.458
B) 1) APLM	57.748	992.273	5) Goa (Amona)	-0.724	-21.841
2) JSWEL	20.009	295.261	Total	181.746	2875.251
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.229	515.317
4) RPL(AMT)	25.026	425.715	b) Mumbai Drawl	31.493	549.116
5) SWPGPL	9.263	122.844	c) MSEDCL Bilateral *	73.325	1106.187
6) Other IPP	18.409	329.130	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.229	515.266
C) 1) TPCL Thermal	14.496	217.135	Include PX	0.000	0.000
2) TPCL Hydro	2.656	55.474	Standby	0.000	0.051
3) TPCL Gas	2.334	50.227	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.312	170.176	1) MSEDCL	506.499	7800.238
D) STATE			2) Mumbai Discoms	62.291	1042.112
1) Thermal	326.818	5043.418	3) Other Discoms	9.148	140.475
(A1+C1+C4+(B1-B6))			TOTAL STATE	577.938	8982.825
2) Hydro (A2+C2)	25.342	346.402			
3) Gas (A3+B7+C3)	7.506	158.305			
4) Wind	27.139	422.216			
6) SOLAR	9.387	137.249			
TOTAL STATE	396.192	6107.590			

* 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	6879	6974	7067	7161
MSPGCL Hydro	466	1082	732	434
MSPGCL Gas	217	218	219	217
MSPGCL Total Generation	7562	8274	8018	7812
Central Sector Receipt	8593	8621	7050	7395
WIND	627	827	1521	1273
CPP / IPP Thermal	5305	5574	5545	5264
CPP / IPP Gas	0	0	0	0
SOLAR	1266	751	0	285
Exchange with Mumbai	-1306	-1514	-1127	-1379
MSEDCL DEMAND MET	21656	22148	20588	20257
Load Shedding	0	0	0	0
MSEDCL DEMAND	21656	22148	20588	20257
TPCL GENERATION	737	743	996	533
AEML GENERATION	499	499	499	362
MUMBAI DEMAND	2542	2756	2622	2274
OTHER DISCOM DEMAND	391	385	419	393
STATE DEMAND MET	24590	25290	23628	22924
STATE DEMAND	24590	25290	23628	22924
Frequency (Hz)	50.00	50.00	50.00	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.24 Hz at 08:02 Hrs	49.62 Hz at 20:23 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 15/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.83	60.58	170	150
Unit 7	0.00	0.00	0	0
Unit 8	11.58	198.97	510	445
Unit 9	11.11	181.35	508	406
Unit 10	11.04	194.08	480	425
Total	37.57	634.98		
Bhusawal				
Unit 3	3.09	47.14	140	110
Unit 4	8.88	102.79	480	280
Unit 5	8.12	130.24	415	280
Total	20.08	280.18		
Parli				
Unit 6	5.48	50.00	250	174
Unit 7	2.99	55.51	227	108
Unit 8	3.00	36.37	137	116
Total	11.46	141.88		
Chandrapur				
Unit 3	4.01	55.40	180	142
Unit 4	3.29	54.04	143	127
Unit 5	8.88	127.51	375	365
Unit 6	9.09	113.73	410	350
Unit 7	9.24	135.10	403	345
Unit 8	10.96	142.18	465	438
Unit 9	10.17	150.48	432	418
Total	55.64	778.44		
Paras				
Unit 3	4.57	60.69	223	138
Unit 4	4.45	64.25	218	146
Total	9.02	124.94		
Khaparkheda				
Unit 1	3.56	43.06	160	130
Unit 2	3.66	53.38	165	140
Unit 3	4.24	48.46	182	170
Unit 4	3.46	51.67	149	140
Unit 5	10.75	166.54	475	425
Total	25.67	363.11		
Nasik				
Unit 3	3.30	57.59	181	67
Unit 4	3.95	58.04	193	138
Unit 5	3.87	51.74	192	113
Total	11.12	167.36		
Uran				
All Units	5.17	108.08	233	199
Total	5.17	108.08		
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)	0.00	1.58	0	0
Total	0.00	1.58		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.58	62.33	505	40
Stage 4	6.95	77.93	1005	0
Stage 3	3.06	31.59	320	0
Total	14.59	171.84		
Hydro				
KDPH	0.68	6.95	29	29
VTRNA	0.81	12.52	60	0
TILLARI	0.38	7.83	58	0
BHIRA T.R.	0.20	2.51	80	0
SMLHY_PTN	5.88	81.60	262	230
GHATGHAR	0.14	6.10	125	0
Total	8.09	117.51		
Wind				
Total	27.14	422.22	0	0
Total	27.14	422.22		
CPP				
APML(Mus)	57.75	992.27	0	0
JSWEL(Mus)	20.01	295.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.03	425.72	0	0
SWPGPL-Mus	9.26	122.84	0	0
Other(Mus)	18.41	329.13	0	0
Total	130.46	2165.22		
SOLAR				
Total	9.39	137.25	0	0
Total	9.39	137.25		
Tata				
Trombay 5	9.43	143.03	425	292
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	30.14	72	49
Trombay 7B	1.05	20.08	53	41
TATA Hydro	2.66	55.47	380	0
Trombay 8	5.06	74.11	241	130
Total	19.49	322.84		
AEML				
DTPS U-1&2	11.31	170.18	501	360
Total	11.31	170.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	170.56	2490.88	MSPGCL Total	198.41	2889.89
			MSPGCL Thml+Gas	175.73	2598.96	Koyna 1,2 & 4 Total	11.53	140.26
			MSPGCL Hydro	22.69	290.93	State Total	396.19	6107.59

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	7397	2112	233	9742	1077	5665	0	0	6929	6873	-1406	21619	0	21619	2923	332	24874	50.00
2	7383	1628	216	9228	1036	5605	0	0	7603	7425	-1336	21640	0	21640	2765	317	24722	50.00
3	7334	2026	217	9576	962	5600	0	0	7074	7349	-1224	21936	0	21936	2603	328	24866	49.99
4	7307	1762	217	9286	1042	5585	0	0	6931	6530	-1150	20973	0	20973	2473	321	23767	50.01
5	7281	1486	217	8984	1458	5604	0	0	7030	7109	-1040	21787	0	21787	2357	327	24471	50.00
6	7304	1344	217	8864	1688	5578	0	0	7169	6952	-1043	21687	0	21687	2377	353	24416	50.00
7	7323	724	218	8264	1736	5580	0	68	7343	7178	-1301	21142	0	21142	2274	384	23800	50.01
8	7161	434	217	7812	1273	5264	0	285	7287	7395	-1379	20257	0	20257	2274	393	22924	50.06
9	6971	360	218	7550	920	4892	0	664	7719	8001	-1294	20320	0	20320	2341	413	23074	50.11
10	6886	514	218	7618	705	4764	0	906	8168	8173	-1181	20583	0	20583	2383	402	23368	50.01
11	6874	514	208	7596	576	5298	0	1149	8453	8305	-1215	21315	0	21315	2460	394	24168	50.05
12	6879	466	217	7562	627	5305	0	1266	8802	8593	-1306	21656	0	21656	2542	391	24590	50.00
13	6920	424	206	7550	627	5546	0	1324	8896	8500	-1417	21749	0	21749	2653	381	24782	50.00
14	6836	432	207	7476	712	5105	0	1234	8903	9188	-1422	21926	0	21926	2666	366	24958	49.99
15	6940	852	216	8008	672	5301	0	1077	8904	8720	-1509	21888	0	21888	2744	381	25012	49.93
16	6974	1082	218	8274	827	5574	0	751	8578	8621	-1514	22148	0	22148	2756	385	25290	50.00
17	6944	670	199	7814	992	5537	0	449	8271	8101	-1434	21047	0	21047	2687	411	24146	50.03
18	6922	586	218	7726	1032	5488	0	188	7650	7452	-1310	20147	0	20147	2638	430	23214	50.09
19	6941	440	219	7600	1163	5430	0	26	7205	7486	-1236	20047	0	20047	2572	423	23042	50.06
20	7067	732	219	8018	1521	5545	0	0	6991	7050	-1127	20588	0	20588	2622	419	23628	50.00
21	7105	1066	199	8370	1570	5547	0	0	6739	6522	-1462	20130	0	20130	2679	416	23226	49.82
22	7159	1118	219	8496	1733	5569	0	0	6233	6204	-1373	20221	0	20221	2770	408	23400	49.99
23	7380	794	219	8394	1559	5549	0	0	6488	6821	-1338	20583	0	20583	2819	402	23804	50.05
24	7267	1118	220	8606	1631	5524	0	0	6715	7198	-1476	21112	0	21112	2913	371	24396	50.09
MUs	170.56	22.69	5.17	198.41	27.14	130.46	0.00	9.39	182.08	181.75	-31.49	506.50	0.00	506.50	62.29	9.15	577.94	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 15/May/2022

Position as on 6.30 Hrs of 16/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	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	11/05/2022	21:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit 8	108	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
IPP	Adani U-2	660	13/05/2022	14:24		Continued.	Leakage Work.	16/05/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2022

Statement-VII

Position as on 6.30 Hrs of 16/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	16/05/2022	00:28	16/05/2022	05:27	EO	HVDC TL O&M Sub-Division, Junnar:- 1. Chemical Cleaning & cold line washing of dust contaminated insulator string from location no.1777 to 1789 in Manikdoh Area.
400 KV LINE Outages/Trippings							
PARLI(MS) - PARLI (PG) CKT -1	InterState	14/05/2022	19:53	15/05/2022	00:43	EO	To attend Hotspots at Y & B Phase CTs of PGCIL Ckt-1 & R & Y Phase CTs of TBC Bay at Girwali. PGCIL Ckt-1 is on TBC.
DHULE - KHANDWA CKT - 2	InterState	15/05/2022	10:48	15/05/2022	11:15	HT	To take line reactor in service at 400KV Khandwa s/s
CHANDRAPUR - BHADRAVATI CKT - 4	InterState	15/05/2022	20:15	15/05/2022	22:20	T	Winds with Lightening observed
CHANDRAPUR - BHADRAVATI CKT - 3	InterState	15/05/2022	20:15	15/05/2022	22:22	T	Winds with Lightening observed
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21	15/05/2022	15:18	HT	HT for Load Management
PADGHE - KALWA CKT - 2	IntraState	14/05/2022	23:05	15/05/2022	05:44	PO	Cold line cleaning, Chemical cleaning of Insulators and Routine Maintenance Activity
BABHALESHWAR - PADGHE CKT-1	IntraState	15/05/2022	14:53	15/05/2022	19:42	PO	A] HVDC TL O&M Sub-Division, Padghe:- 1.Stringing of Earthwire at Loc. No. 919 - 920 (R-phase side). 2.To attend Broken/Faulty Disc Insulators replacement at Towers. Loc. No. 55, 951, 989, 884. 3.Fixing of Corona Rings at 6 Locs. (989, 981, 956, 916, 892, 884) 4.Jumper Nut-Bolt Tightening of Cut-Point Location � 40 locs. 5.Chemical Cleaning at Tower Locations � 21 nos. of Bird shit/ Dust pollution Area / Highway Raod Crossing. B] HVDC TL O&M Sub-Division, Junnar :- 1.To attend broken Disc Insulators replacement at Towers. Loc. No. 820,822,825,827 under HVDC Junnar Lines Sub Division. 2.Jumper Nut-Bolt Tightening of Cut-Point Location � 13 locs. Fixing of corona ring at Loc Nos.861,851,849.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	15/05/2022	20:15	16/05/2022	05:15	T	Earthwire of Bhadravati-Ramgundam Line fell on Chandrapur-2 Warora Lines
CHANDRAPUR 2 - WARORA CKT-2	IntraState	15/05/2022	20:15	16/05/2022	06:25	T	Earthwire of Bhadravati-Ramgundam Fell on these lines
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	15/05/2022	23:42			HT	For Load Management on Mumbai Supply Lines during the Outage of HVDC Pole-2
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	16/05/2022	06:25			PO	String replacement work will be carried out during outage are 21R, 23R, 26R, 27Y, 58R, 58Y, 89RYB, 86R, 82Y, 76B, 64Y. Total 13 strings
400 KV ICT Outages/Trippings							
400/132 KV 200 MVA ICT - 1 @ KHADKA	IntraState	16/05/2022	06:36			PO	for OLTC overhauling and Pre monsoon Maintenance work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2022

Statement-VII

Position as on 6.30 Hrs of 16/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
NEW KOYNA - LOTEPARSHURAM	IntraState	15/05/2022	04:50	15/05/2022	11:16	PO	For replacement of damaged tower (during flood at Chiplun) at Loc. No. 56 of 220kV New Koyna & Lote & 220kV Pophali & Kandalgaon D/C Line.
KANDALGAON - KOYNA (POPHALI)	IntraState	15/05/2022	05:07	15/05/2022	11:35	PO	For replacement of damaged tower during flood at Chiplun at Loc. No. 56 of 220kV New Koyna & Lote & 220kV Pophali & Kandalgaon D/C Line.
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 1 @ MALEGAON	IntraState	13/05/2022	09:46			HT	smoke observed through 132KV I.C 1 B ph CT
220/22 KV 50 MVA PTR 1 @ MULUND	IntraState	15/05/2022	06:27	15/05/2022	07:42	PO	FOR FIXING OF BIRD GUARD ON BUS GANTRY & PLASTIC WRAPPING WORK.
220/22 KV 50 MVA PTR 2 @ MULUND	IntraState	15/05/2022	07:44	15/05/2022	08:34	PO	FOR FIXING OF BIRD GUARD ON BUS GANTRY & PLASTIC WRAPPING WORK.
220/22-22 KV 50 MVA PTR 4 @ MULUND	IntraState	15/05/2022	08:40	15/05/2022	09:56	PO	FOR FIXING OF BIRD GUARD ON BUS GANTRY& PLASTIC WRAPPING WORK.
220 / 110 / 33kV 250MVA ICT 9 @ DHARAVI	IntraState	15/05/2022	09:23	15/05/2022	16:31	PO	R/M AND TESTING
220/110/33KV 250 MVA ICT-5 @ MAHALAXMI GIS (T)	IntraState	15/05/2022	10:16	15/05/2022	20:06	PO	R/M AND TESTING
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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2022

Statement-VII

Position as on 6.30 Hrs of 16/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.

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