

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/May/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	180.135	2852.332	1) Gujrat	-4.128	-99.008
2) Hydro	36.178	357.475	2) Madhya Pradesh	8.396	99.028
3) Gas	3.220	115.528	3) Chattisgarh	3.740	62.140
Total MSPGCL	219.533	3325.335	4) Maharashtra	191.411	3226.348
B) 1) APML	64.908	1118.720	5) Goa (Amona)	-1.016	-23.964
2) JSWEL	15.358	325.380	Total	198.403	3264.544
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.183	588.473
4) RPL(AMT)	19.220	470.138	b) Mumbai Drawl	40.186	626.988
5) SWPGPL	9.447	141.732	c) MSEDCL Bilateral *	65.614	1238.258
6) Other IPP	17.683	364.219	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.153	588.393
C) 1) TPCL Thermal	15.069	247.153	Include PX	0.000	0.000
2) TPCL Hydro	5.958	66.213	Standby	0.029	0.080
3) TPCL Gas	0.007	52.412	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.432	193.308	1) MSEDCL	522.547	8839.029
D) STATE			2) Mumbai Discoms	72.652	1186.057
1) Thermal	333.252	5712.982	3) Other Discoms	9.553	159.761
(A1+C1+C4+(B1-B6))			TOTAL STATE	604.752	10184.847
2) Hydro (A2+C2)	42.136	423.688			
3) Gas (A3+B7+C3)	3.227	167.940			
4) Wind	18.559	460.283			
6) SOLAR	9.175	155.427			
TOTAL STATE	406.349	6920.320			

* 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	7470	7347	7443	7554
MSPGCL Hydro	1559	2084	1342	1626
MSPGCL Gas	130	120	130	130
MSPGCL Total Generation	9159	9551	8915	9310
Central Sector Receipt	9433	9674	7435	8082
WIND	369	661	1488	490
CPP / IPP Thermal	5068	5062	5231	5063
CPP / IPP Gas	0	0	0	0
SOLAR	1266	760	0	306
Exchange with Mumbai	-2152	-2176	-1560	-1586
MSEDCL DEMAND MET	22700	23095	21079	21243
Load Shedding	0	0	0	0
MSEDCL DEMAND	22700	23095	21079	21243
TPCL GENERATION	810	925	1088	548
AEML GENERATION	471	473	498	367
MUMBAI DEMAND	3433	3574	3146	2501
OTHER DISCOM DEMAND	444	438	430	422
STATE DEMAND MET	26576	27106	24655	24166
STATE DEMAND	26576	27106	24655	24166
Frequency (Hz)	49.97	50.00	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 18:02 Hrs	49.73 Hz at 05:11 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 17/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.88	68.28	170	150
Unit 7	0.00	0.00	0	0
Unit 8	13.13	224.86	582	452
Unit 9	13.04	206.98	586	515
Unit 10	13.25	220.11	576	535
Total	43.29	720.23		
Bhusawal				
Unit 3	2.78	53.28	150	0
Unit 4	9.69	121.86	450	350
Unit 5	9.18	148.34	435	330
Total	21.64	323.47		
Parli				
Unit 6	4.79	60.36	248	0
Unit 7	5.12	65.36	223	198
Unit 8	2.96	42.37	131	115
Total	12.87	168.09		
Chandrapur				
Unit 3	4.03	63.27	177	158
Unit 4	3.14	60.35	136	125
Unit 5	8.81	145.14	376	355
Unit 6	9.04	132.32	412	310
Unit 7	9.06	153.80	403	290
Unit 8	11.12	164.47	470	446
Unit 9	9.86	170.62	437	380
Total	55.06	889.99		
Paras				
Unit 3	5.08	70.84	230	182
Unit 4	4.93	74.30	223	186
Total	10.00	145.14		
Khaparkheda				
Unit 1	3.04	49.42	135	115
Unit 2	3.65	60.64	155	150
Unit 3	4.24	56.93	185	172
Unit 4	3.46	58.48	150	138
Unit 5	11.36	189.18	478	465
Total	25.75	414.65		
Nasik				
Unit 3	3.81	65.29	181	0
Unit 4	3.94	66.05	189	141
Unit 5	3.76	59.44	171	133
Total	11.52	190.77		
Uran				
All Units	3.22	115.53	150	120
Total	3.22	115.53		
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)	0.12	1.78	24	0
Total	0.12	1.78		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.84	75.04	510	40
Stage 4	17.13	106.07	1007	185
Stage 3	5.08	40.62	318	146
Total	28.05	221.73		
Hydro				
KDPH	0.67	8.29	28	28
VTRNA	0.81	14.18	60	0
TILLARI	0.00	8.24	0	0
BHIRA T.R.	0.26	2.94	77	0
SMLHY_PTN	5.62	92.93	253	210
GHATGHAR	0.65	7.39	125	0
Total	8.01	133.97		
Wind				
Total	18.56	460.28	0	0
Total	18.56	460.28		
CPP				
APML(Mus)	64.91	1118.72	0	0
JSWEL(Mus)	15.36	325.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.22	470.14	0	0
SWPGPL-Mus	9.45	141.73	0	0
Other(Mus)	17.68	364.22	0	0
Total	126.62	2420.19		
SOLAR				
Total	9.18	155.43	0	0
Total	9.18	155.43		
Tata				
Trombay 5	9.58	162.20	437	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.01	31.34	7	0
Trombay 7B	0.00	21.07	0	0
TATA Hydro	5.96	66.21	439	72
Trombay 8	5.49	84.96	237	202
Total	21.03	365.78		
AEML				
DTPS U-1&2	11.43	193.31	500	367
Total	11.43	193.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	180.14	2852.33	MSPGCL Total	219.53	3325.34
			MSPGCL Thml+Gas	183.36	2967.86	Koyna 1,2 & 4 Total	22.97	181.11
			MSPGCL Hydro	36.18	357.48	State Total	406.35	6920.32

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	7635	1982	130	9747	777	5722	0	0	7704	7727	-1526	22113	0	22113	3015	334	25462	50.00
2	7646	1795	140	9581	751	5710	0	0	7731	7530	-1390	21856	0	21856	2806	326	24988	49.99
3	7641	1425	140	9206	842	5689	0	0	7588	7506	-1231	21722	0	21722	2612	290	24624	49.95
4	7621	1136	140	8897	852	5709	0	0	7826	7476	-1205	21443	0	21443	2499	286	24228	49.99
5	7616	1121	140	8877	933	5704	0	0	7738	7618	-1168	21648	0	21648	2430	316	24394	49.88
6	7646	1304	130	9080	781	5718	0	0	7769	7840	-1166	21922	0	21922	2425	331	24678	49.86
7	7657	1596	150	9403	716	5356	0	91	7669	7656	-1403	21438	0	21438	2402	381	24221	50.02
8	7554	1626	130	9310	490	5063	0	306	7584	8082	-1586	21243	0	21243	2501	422	24166	50.04
9	7511	1265	140	8916	468	5055	0	627	8442	8467	-1772	21322	0	21322	2786	440	24547	50.03
10	7406	1363	130	8899	412	5012	0	894	9157	8540	-1809	21500	0	21500	3138	448	25086	50.00
11	7357	1593	140	9090	425	5052	0	1130	9022	9017	-2066	22198	0	22198	3356	450	26004	49.99
12	7470	1559	130	9159	369	5068	0	1266	9327	9433	-2152	22700	0	22700	3433	444	26576	49.97
13	7400	1338	120	8858	436	5053	0	1231	9795	9801	-2112	22843	0	22843	3461	424	26728	49.98
14	7396	1236	140	8772	437	5106	0	1119	9763	9638	-2079	22575	0	22575	3416	418	26409	49.96
15	7298	1594	130	9022	560	5080	0	1034	9780	9881	-2177	22968	0	22968	3521	432	26921	49.98
16	7347	2084	120	9551	661	5062	0	760	9696	9674	-2176	23095	0	23095	3574	438	27106	50.00
17	7328	2050	140	9518	740	5065	0	480	9107	9072	-2101	22347	0	22347	3514	427	26288	50.01
18	7388	1629	130	9147	963	5067	0	201	8722	8496	-1982	21444	0	21444	3360	448	25252	50.03
19	7418	830	130	8378	1421	5066	0	35	8193	7904	-1650	20702	0	20702	3174	452	24328	50.00
20	7443	1342	130	8915	1488	5231	0	0	7445	7435	-1560	21079	0	21079	3146	430	24655	49.96
21	7502	1133	130	8765	1257	5232	0	0	7278	7227	-1526	20529	0	20529	3043	426	23998	49.99
22	7549	1186	140	8875	1240	5256	0	0	7148	7181	-1443	20693	0	20693	2981	416	24090	50.00
23	7599	1833	130	9562	730	5240	0	0	7317	7647	-1427	21355	0	21355	3001	397	24753	49.93
24	7707	2158	140	10005	810	5300	0	0	7306	7555	-1479	21812	0	21812	3058	379	25249	49.91
MUs	180.14	36.18	3.22	219.53	18.56	126.62	0.00	9.18	199.11	198.40	-40.19	522.55	0.00	522.55	72.65	9.55	604.75	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 17/May/2022

Position as on 6.30 Hrs of 18/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 8	108	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 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 5	108	16/05/2022	12:59		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	16/05/2022	23:53		Continued.	Coal Shortage	
TPC-G	Trombay 7B	60	16/05/2022	23:59		Continued.	Non availability of APM gas.	19/05/2022
TPC-G	Trombay 7A	120	17/05/2022	00:14		Continued.	Non availability of APM gas.	19/05/2022
IPP	Adani U-2	660	17/05/2022	06:31		Continued.	Withdrawn	
MSPGCL	Bhusawal Unit 3	210	17/05/2022	07:20	17/05/2022	11:14	Furnace Pressure High	17/05/2022
MSPGCL	Nasik Unit 3	210	17/05/2022	11:55	17/05/2022	13:35	boiler feed pump tripped.	
MSPGCL	Parli Unit 6	250	17/05/2022	13:37	17/05/2022	16:36	Furnace Pressure High	
MSPGCL	Parli Unit 6	250	18/05/2022	04:20	18/05/2022	07:32	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2022

Statement-VII

Position as on 6.30 Hrs of 18/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 - 701 OF 765/400kV 1500MVA ICT @ AKOLA 2	IntraState	17/05/2022	09:42	17/05/2022	14:39	PO	Circuit Breaker SF6 gas analysis
765 KV BR Outages/Trippings							
Main bay 711 of 765 kv Bus Reactor @ Ektuni	IntraState	17/05/2022	10:32	17/05/2022	12:21	PO	Diagnostic Testing of CB & Routine Maintenance
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	17/05/2022	00:34	17/05/2022	05:37	EO	A] 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. B] HVDC TL O&M Sub-Division, Jintur:- 1.Fixing of Repair sleeve at loc 917-918 and 853-854.
400 KV LINE Outages/Trippings							
400KV NANDED(KUMBHARGAON)-PARLY CKT 2	InterState	17/05/2022	08:53	17/05/2022	18:30	PO	Attend broken conductor strands bet loc 86 87
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
JAIGAD - NEW KOYNA CKT - 1	IntraState	16/05/2022	09:23			PO	C.B. Overhauling work Shifting on TBC
JEJURI- KOYNA STAGE-IV	IntraState	16/05/2022	23:54	17/05/2022	07:48	T	insulator decapping found at Loc No 59. Distance protection. one charging trial failed
TBC @ CHAKAN	IntraState	17/05/2022	20:14			EO	Replacement of R, Y and B phases of 89B PG isolators of 400 KV TBC is to be done as their operating mechanisms are mechanically jammed and are difficult to dislodge.
NAGOTHANE - DABHOL CKT - 1	IntraState	18/05/2022	01:15	18/05/2022	02:41	T	A/& successful at Nagothane end Tripped at Dabhol end
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
220 KV TBC Outages/Trippings							
BUS SECTIONALIZER @ NERLE	IntraState	17/05/2022	10:00	17/05/2022	18:07	PO	Annual CT testing work and maintenance 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.
PADGHE - TEMGHAR - 1	IntraState	16/05/2022	23:10	17/05/2022	07:59	PO	Replacement of existing 800-400/1 ratio CT by 1600-800/1 ratio CT (03 Nos.) at Temghar SS.
MIRAJ - ICHALKARANJI	IntraState	17/05/2022	15:05	17/05/2022	16:46	EO	For attending hot spot at T.L no 15 Bph, Temp- 84 C
PHURSUNGI-PARVATI	IntraState	18/05/2022	00:45	18/05/2022	06:02	PO	flashover disc replacement
JEJURI-PHURSUNGI 1	IntraState	18/05/2022	01:15	18/05/2022	06:08	PO	flashover disc replacement at loc no. 12 R phase cp jejuri phur ckt I both ckt ob multi ckt(Top-jejuri phursungi ckt I and bottom parvati phursungi. 2) fixing of repair sleeve between loc no. 83 to 84 to 85 parvati -phursungi

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2022

Statement-VII

Position as on 6.30 Hrs of 18/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TROMBAY - CARNAC - 7	IntraState	18/05/2022	22:32	18/05/2022	02:41	PO	REPLACEMENT OF GOD ARM AT TROMBAY
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
220/22 KV 50 MVA PTR 1 @ VASAI	IntraState	17/05/2022	04:56	17/05/2022	13:37	T	Tripped on Differential Protection.
220/33 KV 50 MVA PTR 1 @ SONKAR	IntraState	17/05/2022	06:20			PO	Premonsoon maintenance, LA Meggering, RM work Earthing pit renovation, hot spot attending work.
220/110 KV 100 MVA PTR 1 @ BIDRI	IntraState	17/05/2022	09:32	17/05/2022	18:00	PO	For relay testing & premonsson maintenance work
220/132KV 100MVA ICT - 2 @ KALWAN	IntraState	17/05/2022	09:37	17/05/2022	14:30	PO	For Oil leakage Attending work by M/s. Rega Electrical
220/132 KV 200 MVA PTR NO 3 @ PHURSUNGI	IntraState	17/05/2022	20:10	17/05/2022	22:46	PO	LCM value of R Ph LA increased to 128 from 15. Considering upcoming season, needs to be replced hence outage is required
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 shfting 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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

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