

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/May/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.727	5182.461	1) Gujrat	-6.073	-182.320
2) Hydro	40.225	737.283	2) Madhya Pradesh	5.439	163.222
3) Gas	2.837	168.358	3) Chattisgarh	3.240	104.460
Total MSPGCL	208.789	6088.102	4) Maharashtra	185.033	5598.923
B) 1) APML	59.009	1979.725	5) Goa (Amona)	-1.298	-41.294
2) JSWEL	16.433	549.565	Total	186.341	5642.991
3) VIPL	0.000	0.000	a) Mumbai Schedule	40.009	1103.021
4) RPL(AMT)	17.235	729.920	b) Mumbai Drawl	42.301	1182.573
5) SWPGPL	9.449	266.154	c) MSEDCL Bilateral *	66.147	2368.445
6) Other IPP	16.525	594.860	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	40.009	1102.861
C) 1) TPCL Thermal	14.185	452.051	Include PX	0.000	0.000
2) TPCL Hydro	5.254	129.348	Standby	0.000	0.161
3) TPCL Gas	0.000	62.898	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.360	349.354	1) MSEDCL	502.821	15683.689
D) STATE			2) Mumbai Discoms	73.100	2176.211
1) Thermal	309.923	10104.090	3) Other Discoms	9.406	289.000
(A1+C1+C4+(B1-B6))			TOTAL STATE	585.327	18148.900
2) Hydro	45.479	866.631			
3) Gas	2.837	231.256			
4) Wind	31.238	1013.821			
6) SOLAR	9.509	290.124			
TOTAL STATE	398.986	12505.922			

* 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 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6954	6894	6909	7158
MSPGCL Hydro	1978	1678	1034	1900
MSPGCL Gas	123	133	81	127
MSPGCL Total Generation	9054	8706	8024	9184
Central Sector Receipt	9012	9666	6397	6365
WIND	492	596	2292	939
CPP / IPP Thermal	5005	5027	4731	5338
CPP / IPP Gas	0	0	0	0
SOLAR	1305	1045	0	0
Exchange with Mumbai	-2231	-2123	-1556	-1510
MSEDCL DEMAND MET	22223	22510	19472	19906
Load Shedding	0	0	0	0
MSEDCL DEMAND	22223	22510	19472	19906
TPCL GENERATION	828	916	1088	1023
AEML GENERATION	418	464	478	497
MUMBAI DEMAND	3477	3503	3122	3030
OTHER DISCOM DEMAND	415	406	416	411
STATE DEMAND MET	26114	26420	23010	23346
STATE DEMAND	26114	26420	23010	23346
Frequency (Hz)	49.98	49.96	50.02	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 18.04 Hrs	49.81 Hz at 12.50 Hrs	49.99	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 31/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.33	112.47	190	170
Unit 7	0.00	0.00	0	0
Unit 8	12.29	411.64	571	429
Unit 9	11.94	383.91	522	473
Unit 10	12.14	396.80	549	460
Total	40.70	1304.81		
Bhusawal				
Unit 3	3.47	81.95	160	125
Unit 4	10.38	260.28	455	385
Unit 5	0.00	270.42	0	0
Total	13.84	612.65		
Parli				
Unit 6	5.58	101.49	246	175
Unit 7	5.02	132.16	238	155
Unit 8	3.10	85.83	143	124
Total	13.70	319.48		
Chandrapur				
Unit 3	3.25	113.95	155	126
Unit 4	3.18	105.58	142	122
Unit 5	8.92	234.76	380	360
Unit 6	7.91	252.92	400	300
Unit 7	9.23	274.15	409	350
Unit 8	10.88	313.98	470	426
Unit 9	10.36	313.74	441	418
Total	53.74	1609.08		
Paras				
Unit 3	5.53	135.17	247	162
Unit 4	4.90	136.74	228	151
Total	10.44	271.91		
Khaparkheda				
Unit 1	3.16	92.22	150	110
Unit 2	3.68	108.98	160	145
Unit 3	4.27	114.40	182	173
Unit 4	3.38	99.41	150	136
Unit 5	11.23	340.40	475	440
Total	25.73	755.40		
Nasik				
Unit 3	2.42	95.40	187	0
Unit 4	1.65	104.98	138	0
Unit 5	3.50	108.76	157	122
Total	7.57	309.13		
Uran				
All Units	2.84	168.36	138	26
Total	2.84	168.36		
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)	0.25	3.43	43	0
Total	0.25	3.43		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.92	156.61	520	40
Stage 4	19.52	264.82	1009	0
Stage 3	5.84	93.52	320	80
Total	33.28	514.95		
Hydro				
KDPH	0.56	16.81	24	24
VTRNA	0.00	17.34	0	0
TILLARI	0.56	8.80	58	0
BHIRA T.R.	0.21	5.93	77	0
SMLHY_PTN	5.06	160.21	223	194
GHATGHAR	0.30	9.81	100	0
Total	6.69	218.90		
Wind				
Total	31.24	1013.82	0	0
Total	31.24	1013.82		
CPP				
APML(Mus)	59.01	1979.72	0	0
JSWEL(Mus)	16.43	549.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.24	729.92	0	0
SWPGPL-Mus	9.45	266.15	0	0
Other(Mus)	16.52	594.86	0	0
Total	118.65	4120.22		
SOLAR				
Total	9.51	290.12	0	0
Total	9.51	290.12		
Tata				
Trombay 5	9.23	294.46	442	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	38.84	0	0
Trombay 7B	0.00	24.06	0	0
TATA Hydro	5.25	129.35	430	0
Trombay 8	4.96	157.59	236	147
Total	19.44	644.30		
AEML				
DTPS U-1&2	11.36	349.35	500	402
Total	11.36	349.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.73	5182.46	MSPGCL Total	208.79	6088.10
			MSPGCL Thml+Gas	168.56	5350.82	Koyna 1,2 & 4 Total	27.44	421.43
			MSPGCL Hydro	40.22	737.28	State Total	398.99	12505.92

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/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	6974	1934	127	9036	2069	5210	0	0	6665	6702	-1520	21148	0	21148	3046	348	24542	50.01
2	6888	2100	137	9126	2051	4807	0	0	6896	6908	-1522	21045	0	21045	2838	324	24208	50.02
3	6825	2068	127	9020	2140	4714	0	0	6830	7022	-1553	21038	0	21038	2654	305	23996	49.99
4	6888	1762	138	8788	1854	4726	0	0	7072	7055	-1520	20598	0	20598	2521	305	23424	49.96
5	6837	1814	127	8778	1793	4741	0	0	7166	7228	-1516	20695	0	20695	2451	328	23474	49.97
6	6835	2214	137	9186	1596	4751	0	0	7222	7505	-1476	21212	0	21212	2454	350	24016	49.96
7	6834	2182	128	9144	1100	4789	0	79	7458	7748	-1530	20951	0	20951	2432	379	23762	50.01
8	6858	1910	137	8906	921	4805	0	262	7577	7921	-1689	20720	0	20720	2529	406	23654	50.03
9	6894	2006	126	9026	883	4866	0	633	7444	7497	-1799	20678	0	20678	2824	429	23930	50.02
10	6922	1656	134	8712	663	4915	0	939	8199	8471	-1902	21375	0	21375	3146	422	24944	49.98
11	6932	1720	134	8786	520	4962	0	1178	8860	8892	-2120	21782	0	21782	3381	436	25598	49.97
12	6954	1978	123	9054	492	5005	0	1305	9151	9012	-2231	22223	0	22223	3477	415	26114	49.98
13	6959	1886	132	8976	400	5005	0	1323	9204	9161	-2124	22338	0	22338	3488	404	26230	49.96
14	6954	1290	123	8366	480	5013	0	1228	9730	9542	-2042	22186	0	22186	3411	401	25998	49.99
15	6894	1678	133	8706	596	5027	0	1045	9722	9666	-2123	22510	0	22510	3503	406	26420	49.96
16	6786	1974	126	8886	740	5277	0	772	9359	9337	-2205	22394	0	22394	3578	412	26384	49.98
17	6801	1208	104	8112	1172	5274	0	516	9339	9025	-2115	21553	0	21553	3516	431	25500	50.02
18	6875	466	26	7366	1773	4926	0	198	9240	9075	-1958	20944	0	20944	3375	436	24756	50.04
19	6677	436	50	7162	2125	4431	0	31	8215	7711	-1708	19322	0	19322	3173	430	22926	50.03
20	6909	1034	81	8024	2292	4731	0	0	7176	6397	-1556	19472	0	19472	3122	416	23010	50.02
21	6842	1428	88	8358	2156	4759	0	0	6189	6009	-1540	19322	0	19322	3048	419	22790	50.01
22	7076	1734	136	8946	1717	5252	0	0	5349	5252	-1481	19266	0	19266	2990	419	22676	50.02
23	7158	1900	127	9184	939	5338	0	0	5929	6365	-1510	19906	0	19906	3030	411	23346	49.94
24	7155	1852	136	9142	766	5327	0	0	6674	6840	-1561	20142	0	20142	3113	373	23628	49.98
MUs	165.73	40.23	2.84	208.79	31.24	118.65	0.00	9.51	186.67	186.34	-42.30	502.82	0.00	502.82	73.10	9.41	585.33	49.99

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 31/May/2022

Position as on 6.30 Hrs of 01/Jun/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	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
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	RPL(AMT) U-3	270	24/05/2022	02:23	31/05/2022	05:45	Flame Failure	31/05/2022
IPP	Adani U-3	660	27/05/2022	16:13	01/06/2022	03:11	APH-A HOT PA BELOW LEAKAGE.	01/06/2022
MSPGCL	Uran Unit 6	108	29/05/2022	00:32		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	29/05/2022	04:57		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	29/05/2022	05:26		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	29/05/2022	19:00	31/05/2022	07:40	Boiler Tube Leakage	31/05/2022
IPP	RPL(AMT) U-5	270	30/05/2022	23:20		Continued.	CW LINE BELWO LEKAGE.	01/06/2022
MSPGCL	Bhusawal Unit 5	500	30/05/2022	23:55		Continued.	Boiler Tube Leakage	03/06/2022
IPP	RPL(AMT) U-4	270	31/05/2022	01:15		Continued.	Ash Conveyer problem	01/06/2022
MSPGCL	Nasik Unit 4	210	31/05/2022	15:00		Continued.	ID Fan Problem	02/06/2022
MSPGCL	Uran Unit A0	120	31/05/2022	16:59	31/05/2022	19:49	JERK IN GAS PRESSURE	
MSPGCL	Uran Unit 5	108	31/05/2022	16:59	31/05/2022	17:43	JERK IN GAS PRESSURE	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2022

Statement-VII

Position as on 6.30 Hrs of 01/Jun/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							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/05/2022	15:15			HT	H/T for Load Management ie. to avoid the dumping of power in 400 kV Kharghar and Kalwa Lines.
CHANDRAPUR - KHAPERKHEDA	IntraState	31/05/2022	06:33	31/05/2022	19:20	EO	Replacement of 04 no.s of Faulty disc insulator string at loc.no.120 observed during PID test.
DHULE- - BABLESHWAR - I	IntraState	31/05/2022	09:25	31/05/2022	18:15	PO	LBB relay testing work; Bay maintenance work
400 KV ICT Outages/Trippings							
400/220/33KV ICT - 167 MVA SPARE ICT @LAMBOTI	IntraState	31/05/2022	10:55	31/05/2022	16:15	PO	Routine Testing & Premonsoon activities
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	01/06/2022	05:07			PO	Premonsoon Maintenance work & oil top up work of OLTC Tank.
220 KV TBC Outages/Trippings							
TBC @ AAREY	IntraState	31/05/2022	10:07	31/05/2022	17:00	PO	ANNUAL MAINTENANCE OF TBC
220 KV LINE Outages/Trippings							
132 KV KANHAN (220 KV) - PENCH CKT	InterState	31/05/2022	12:21	31/05/2022	15:55	T	Tripped on Distance Protection.
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.
APTA - KALWA	IntraState	31/05/2022	04:11	31/05/2022	05:59	PO	CT secondary rusted box replacement work
APTA - BOMBAY DYEING	IntraState	31/05/2022	06:04	31/05/2022	07:01	PO	CT secondary rusted box replacement work
KALWA - COLOURCHEM	IntraState	31/05/2022	06:06	31/05/2022	08:26	EO	Y ph LA replacement work due to high LCM value. (580)
APTA - TAMBATI	IntraState	31/05/2022	07:09	31/05/2022	10:03	PO	CT secondary rusted box replacement work
NAGOTHANE - ACCIL	IntraState	31/05/2022	11:10	31/05/2022	19:38	PO	Outage tree cutting work at various location and other line maintenance work.
BORIVALI - BOISAR II LINE	IntraState	31/05/2022	11:27	31/05/2022	18:04	T	Due to LTS operated on 220 KV Boisar Boisar PG I line.
MAGAR PATTI CITY- SERUM	IntraState	31/05/2022	13:07	31/05/2022	17:27	EO	Replacement of non priority string, declared faulty by PID at LOc No.34,
PANDHARPUR - MALINAGAR	IntraState	31/05/2022	16:18	31/05/2022	21:14	PO	Outage is required for For changing / replacement of faulty string at loc no. Main line - 1,4,7,15,16,19,22,69.
LOTEPARSHURAM- DASTURI LINE	IntraState	01/06/2022	04:37			T	TRIPPED ON DP and Rains reported with heavy Winds and Lightening
PADGHE - WADA	IntraState	01/06/2022	06:27			EO	For attending Hot spot at Loc no.85 (70 deg.C Y-ph Padgha side), 38 (64deg.C, Y-ph Wada
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
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	25/05/2022	10:38			PO	Transformer painting work
220/33kv 125 MVA TF 5 @ VERSOVA (AEML)	IntraState	30/05/2022	19:25	31/05/2022	07:44	T	Tripped on differential protection

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2022

Statement-VII

Position as on 6.30 Hrs of 01/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	31/05/2022	09:44	31/05/2022	10:23	PO	Pre monsoon maintenance work (Plastic wrapping).
220/100 KV 200 MVA ICT 4 @ KALWA	IntraState	31/05/2022	10:35			PO	220/100kV, 200 MVA ICT 4, Demonstration of kit for transformer winding resistance measurement.
220/33 KV 50 MVA PTR NO 3 @ ALEPHATA	IntraState	31/05/2022	11:10	31/05/2022	14:49	PO	For Diagnostic testing work & general maintenance work
220/22 KV 50 MVA PTR 3 @ MAHAD	IntraState	31/05/2022	11:20	31/05/2022	12:09	PO	Premonsoon maintenance work (Plastic wrapping).
220/33 KV, 50MVA, PTR NO 2 @ ALEPHATA	IntraState	31/05/2022	14:57	31/05/2022	20:03	PO	For Diagnostic testing work & general maintenance work
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 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