

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/May/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.058	1889.330	1) Gujrat	8.145	141.100
2) Hydro	16.846	355.879	2) Madhya Pradesh	12.523	261.297
3) Gas	6.640	145.203	3) Chattisgarh	6.460	171.950
Total MSPGCL	126.544	2390.412	4) Maharashtra	128.182	2980.971
B) 1) APML	66.179	1491.672	5) Goa (Amona)	-0.462	-10.714
2) JSWEL	16.880	353.693	Total	154.848	3544.604
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.940	510.278
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.119	517.825
5) WPCL	2.689	58.683	c) MSEDCL Bilateral *	43.698	1150.839
6) Other IPP	9.445	181.015	Include PX	17.735	614.346
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.940	510.278
C) 1) TPCL Thermal	7.365	152.097	Include PX	15.889	359.479
2) TPCL Hydro	5.238	113.775	Standby	0.000	0.000
3) TPCL Gas	4.389	96.616	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.672	217.748	1) MSEDCL	391.345	8097.307
D) STATE			2) Mumbai Discoms	50.783	1098.054
1) Thermal	217.288	4344.238	TOTAL STATE	442.128	9195.361
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	22.084	469.654			
3) Gas (A3+B7+C3)	11.029	241.819			
4) Wind	29.164	433.588			
6) SOLAR	7.715	161.465			
TOTAL STATE	287.280	5650.764			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4188	4335	4510	4245
MSPGCL Hydro	758	1417	606	121
MSPGCL Gas	265	273	280	275
MSPGCL Total Generation	5211	6025	5396	4641
Central Sector Receipt	7100	7653	5539	6033
WIND	959	847	1234	1644
CPP / IPP Thermal	3921	3910	3995	4018
CPP / IPP Gas	0	0	0	0
SOLAR	1023	680	0	0
Exchange with Mumbai	-1009	-939	-817	-808
MSEDCL DEMAND MET	17205	18176	15347	15528
Load Shedding	0	0	0	0
MSEDCL DEMAND	17205	18176	15347	15528
TPCL GENERATION	597	783	948	677
AEML GENERATION	495	500	502	502
MUMBAI DEMAND	2101	2222	2267	1987
STATE DEMAND MET	19306	20398	17614	17515
STATE DEMAND	19306	20398	17614	17515
Frequency (Hz)	49.97	49.95	49.88	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.02 Hrs	49.73 Hz at 21.10 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 22/May/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	11.35	94.37	557	384
Unit 10	0.00	0.00	0	0
Total	11.35	94.37		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	7.59	0	0
Unit 8	0.00	56.42	0	0
Total	0.00	64.01		
Chandrapur				
Unit 3	4.40	44.14	190	156
Unit 4	0.00	33.70	0	0
Unit 5	9.55	93.19	456	320
Unit 6	10.45	214.33	450	375
Unit 7	10.30	133.36	450	360
Unit 8	11.58	241.74	500	465
Unit 9	10.57	226.99	460	415
Total	56.84	987.45		
Paras				
Unit 3	5.25	104.35	246	185
Unit 4	1.23	111.27	230	0
Total	6.48	215.62		
Khaparkheda				
Unit 1	4.21	44.42	180	165
Unit 2	4.24	78.41	190	100
Unit 3	4.58	72.85	195	190
Unit 4	4.50	94.35	195	180
Unit 5	10.84	237.86	490	420
Total	28.38	527.88		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.64	145.20	296	261
Total	6.64	145.20		
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)	0.44	5.38	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.44	5.38		
Koyna				
Stage 1-2	6.03	109.23	540	40
Stage 4	6.04	137.26	750	0
Stage 3	2.52	54.29	240	0
Total	14.59	300.78		
Hydro				
KDPH	0.72	16.62	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.13	0.13	56	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	6.16	80	0
RNGR+BHTSA	0.27	6.01	12	11
BHANDARDRA	0.46	10.32	20	19
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.44	12.51	27	15
GHATGHAR	0.00	0.00	0	0
Total	2.26	55.10		
Wind				
Total	29.16	433.59	0	0
Total	29.16	433.59		
CPP				
APML(Mus)	66.18	1491.67	0	0
JSWEL(Mus)	16.88	353.69	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	58.68	0	0
Other(Mus)	9.44	181.02	0	0
Total	95.19	2085.06		
SOLAR				
Total	7.72	161.46	0	0
Total	7.72	161.46		
Tata				
Trombay 5	7.36	152.10	310	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	61.73	118	116
Trombay 7B	1.58	34.89	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.24	113.78	459	42
Total	16.99	362.49		
AEML				
DTPS U-1&2	11.67	217.75	503	375
Total	11.67	217.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.06	1889.33	MSPGCL Total	126.54	2390.41
			MSPGCL Thml+Gas	109.70	2034.53	Koyna 1,2 & 4 Total	12.07	246.49
			MSPGCL Hydro	16.85	355.88	State Total	287.28	5650.76

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/May/2020

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4283	1012	292	5587	1381	3966	0	0	6079	5952	-1075	15811	0	15811	2395	18206	50.00
2	4272	743	272	5287	1385	3976	0	0	6053	5847	-949	15546	0	15546	2252	17798	50.02
3	4275	483	283	5041	1713	3977	0	0	5858	5687	-878	15540	0	15540	2143	17683	50.00
4	4258	207	293	4758	1857	4016	0	0	5819	5765	-818	15578	0	15578	2041	17619	50.02
5	4245	121	275	4641	1644	4018	0	0	5873	6033	-808	15528	0	15528	1987	17515	50.01
6	4240	501	286	5027	1641	3998	0	0	6302	6629	-842	16453	0	16453	1992	18445	50.00
7	4240	730	296	5266	1324	4018	0	56	6976	6884	-743	16805	0	16805	1903	18708	50.04
8	4254	630	275	5159	1213	4016	0	278	6719	6732	-763	16635	0	16635	1878	18513	50.03
9	4292	544	290	5126	1027	3985	0	545	6345	6703	-873	16513	0	16513	1931	18444	50.03
10	4293	587	267	5147	1073	3946	0	747	6569	6562	-962	16513	0	16513	2011	18524	50.02
11	3936	376	275	4587	1066	3875	0	990	7114	7081	-1092	16507	0	16507	2064	18571	49.99
12	4188	758	265	5211	959	3921	0	1023	7219	7100	-1009	17205	0	17205	2101	19306	49.97
13	4182	600	273	5055	989	3919	0	1030	7482	7562	-1032	17523	0	17523	2121	19644	49.97
14	4244	587	261	5092	806	3825	0	905	7685	7691	-1028	17291	0	17291	2131	19422	49.96
15	4266	857	270	5393	967	3938	0	809	7869	7823	-975	17955	0	17955	2199	20154	49.92
16	4335	1417	273	6025	847	3910	0	680	7758	7653	-939	18176	0	18176	2222	20398	49.95
17	4315	1376	262	5953	956	3980	0	426	7189	6990	-873	17432	0	17432	2144	19576	49.98
18	4336	897	275	5508	1027	4013	0	187	6507	6839	-835	16739	0	16739	2021	18760	50.02
19	4122	646	268	5036	1221	3928	0	39	5766	5850	-994	15080	0	15080	1921	17001	50.02
20	4283	278	278	4839	1480	3868	0	0	5861	5561	-981	14767	0	14767	2038	16805	49.92
21	4470	244	278	4992	1218	3994	0	0	5491	5234	-766	14672	0	14672	2179	16851	49.94
22	4510	606	280	5396	1234	3995	0	0	5274	5539	-817	15347	0	15347	2267	17614	49.88
23	4618	1155	271	6044	1104	4089	0	0	5412	5513	-959	15791	0	15791	2377	18168	49.95
24	4601	1491	282	6374	1032	4022	0	0	5533	5618	-1108	15938	0	15938	2465	18403	50.02
MUs	103.06	16.85	6.64	126.54	29.16	95.19	0.00	7.72	154.75	154.85	-22.12	391.34	0.00	391.34	50.78	442.13	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 22/May/2020

Position as on 6.30 Hrs of 23/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/May/2020

Position as on 6.30 Hrs of 23/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Paras Unit 4	250	20/05/2020	08.56	22/05/2020	16.57	Drum level low	
MSPGCL	Chandrapur Unit 4	210	21/05/2020	09.05		Continued.	Condenser tube leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/May/2020

Statement-VII

Position as on 6.30 Hrs of 23/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kv 1500MVA ICT @ Akola-II	IntraState	22/05/2020	09.24	22/05/2020	18.34	PO	Maintenance of ICT.
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	30/04/2020	17.40	22/05/2020	11.50	HT	Over Voltage
Chandrapur Bhadravati I	InterState	21/05/2020	08.18	22/05/2020	08.41	EO	Attending Hot Spot at Bhadravati end.
Dhule Sar'Sarovar II	InterState	22/05/2020	18.05		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Khadka-Aurangabad (Waluj)	IntraState	20/05/2020	17.49		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	22/05/2020	11.10	22/05/2020	20.01	PO	Annual Maintenance Work
Akola II - RPL(Rattaniindia) Ckt I	IntraState	22/05/2020	17.49	22/05/2020	18.50	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220/33 Kv 167 Mva Spare Ict 2 @Nagothane	IntraState	22/05/2020	09.55	22/05/2020	13.22	PO	Annual Maintenance Work
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	22/05/2020	10.48	22/05/2020	20.05	PO	Diagnostic Testing Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Malegaon-Sayne	IntraState	22/05/2020	06.01	22/05/2020	08.26	PO	Premonsoon maintenance work
Butibori-Abhijeet	IntraState	22/05/2020	06.09	22/05/2020	19.29	EO	Restranging of Conductor LOC No 4 to 12.
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	22/05/2020	07.05	22/05/2020	09.51	PO	Annual Maintenance Work
Amalner - Bambhori	IntraState	22/05/2020	07.20	22/05/2020	13.49	PO	String Replacement Work.
Badnera-Akola li	IntraState	22/05/2020	07.42	22/05/2020	13.28	PO	Replacement of Gantry Tension 3 No. String.
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	22/05/2020	07.50	22/05/2020	11.54	PO	Tan Delta protection trails & Routine Maintenance Work.
Chalishaon - Deepnagar	IntraState	22/05/2020	07.56	22/05/2020	10.23	PO	Tan Delta Measurement And Premonsoon Maintenance Work.
Malegaon-Satana	IntraState	22/05/2020	08.37	22/05/2020	10.38	PO	Premonsoon maintenance work
Gadchandur - Virur-II	IntraState	22/05/2020	08.47	22/05/2020	17.25	PO	Disc Replacement Work, Crimping LOC 1 to 2.
Washala - Ghatghar	IntraState	22/05/2020	09.00	22/05/2020	13.38	PO	Testing Work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	22/05/2020	09.05	22/05/2020	18.15	PO	Testing Work
Padgha - Temghar I	IntraState	22/05/2020	09.50	22/05/2020	14.09	PO	Annual Maintenance Work
Theur-Jejuri	IntraState	22/05/2020	10.30	22/05/2020	15.40	PO	Annual Maintenance Work
Akola-Paras Ckt No-li	IntraState	22/05/2020	13.40	22/05/2020	16.15	PO	Testing & Maintenance Work.
Kandalgaon - Bhira	IntraState	22/05/2020	14.45	22/05/2020	17.35	EO	Y-Ph LA Replacement at Kandalgaon
Kalwa 52B Interconnector CB	IntraState	22/05/2020	17.04	22/05/2020	19.56	PO	For Outage On Padghe-Temghar-2 To Manage Load at 220Kv

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/May/2020

Statement-VII

Position as on 6.30 Hrs of 23/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padgha-Temghar-II							Kalwa.
							Routine Maintenance Work
220 KV ICT Outages/Trippings							
220/33kV 100 MVA ICT-II @ Boisar	IntraState	22/05/2020	08.20	22/05/2020	13.07	PO	Annual Maintenance Work
220/22-22 Kv 50 Mva Ptr 3 @Anandnagar	IntraState	22/05/2020	08.41	22/05/2020	10.40	PO	Testing Work
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	22/05/2020	08.48	22/05/2020	13.30	PO	Testing Work
220/33kV 100 MVA Transformer 1 @Aarey R/S	IntraState	22/05/2020	09.15	22/05/2020	10.37	PO	Testing Work
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	22/05/2020	10.52	22/05/2020	11.50	PO	Annual Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	22/05/2020	15.14	22/05/2020	19.40	PO	Pre-monsoon Maintanance Work.
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	22/05/2020	15.17	22/05/2020	20.48	PO	Pre-monsoon Maintenance & OLTC Overhauling.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	22/05/2020	16.05	22/05/2020	16.25	PO	Remove of Bird Nests & Maintenance.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage