

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/May/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.297	2706.901	1) Gujrat	-3.147	-34.147
2) Hydro	31.434	498.139	2) Madhya Pradesh	7.735	233.939
3) Gas	0.000	159.666	3) Chattisgarh	5.140	116.437
Total MSPGCL	157.731	3364.706	4) Maharashtra	137.384	2873.965
B) 1) APML	30.487	1204.786	5) Goa (Amona)	-1.974	-32.983
2) JSWEL	20.553	414.060	Total	145.138	3157.211
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.617	549.648
4) RPL(AMT)	31.354	646.745	b) Mumbai Drawl	25.283	505.155
5) SWPGPL	8.956	146.207	c) MSEDCL Bilateral *	38.608	749.719
6) Other IPP	10.788	273.280	Include PX	3.586	76.258
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.617	549.648
C) 1) TPCL Thermal	16.582	329.493	Include PX	10.151	236.610
2) TPCL Hydro	4.179	90.992	Standby	0.000	0.000
3) TPCL Gas	0.000	70.751	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.968	220.285	1) MSEDCL	414.070	9326.737
D) STATE			2) Mumbai Discoms	52.012	1216.677
1) Thermal	250.985	5941.757	TOTAL STATE	466.082	10543.414
(A1+C1+C4+(B1-B6))					
2) Hydro	35.613	589.131			
(A2+C2)					
3) Gas	0.000	230.417			
(A3+B7+C3)					
4) Wind	26.593	469.256			
6) SOLAR	7.753	155.641			
TOTAL STATE	320.944	7386.202			

* 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 4 Hrs
MSPGCL Thermal	5271	4994	5240	5472
MSPGCL Hydro	988	1717	867	767
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	6259	6711	6107	6239
Central Sector Receipt	6680	7219	5814	5384
WIND	423	424	1891	1471
CPP / IPP Thermal	4243	4232	4320	4278
CPP / IPP Gas	0	0	0	0
SOLAR	1062	846	0	0
Exchange with Mumbai	-1167	-1228	-952	-1013
MSEDCL DEMAND MET	17500	18204	17180	16360
Load Shedding	0	0	0	0
MSEDCL DEMAND	17500	18204	17180	16360
TPCL GENERATION	889	854	1046	686
AEML GENERATION	249	249	249	248
MUMBAI DEMAND	2305	2331	2247	1947
STATE DEMAND MET	19805	20534	19428	18306
STATE DEMAND	19805	20534	19428	18306
Frequency (Hz)	49.96	50.01	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 16.01 Hrs	49.73 Hz at 07.14 Hrs	49.98	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/2021

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	7.68	244.03	395	150
Unit 9	7.39	167.78	352	265
Unit 10	8.01	220.89	405	280
Total	23.08	632.70		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.82	211.34	500	475
Unit 5	11.58	236.98	495	465
Total	23.40	462.01		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	3.10	58.24	145	98
Unit 4	0.00	0.00	0	0
Unit 5	9.78	152.72	430	350
Unit 6	9.67	201.20	415	375
Unit 7	0.00	0.00	0	0
Unit 8	11.65	188.84	491	475
Unit 9	10.31	181.20	440	425
Total	44.51	782.20		
Paras				
Unit 3	3.97	101.94	239	110
Unit 4	5.70	97.99	253	202
Total	9.67	199.93		
Khaparkheda				
Unit 1	2.40	56.65	110	80
Unit 2	0.00	0.00	0	0
Unit 3	4.10	84.89	180	150
Unit 4	4.14	61.82	180	165
Unit 5	10.58	199.44	470	420
Total	21.22	402.80		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.42	89.62	200	122
Unit 5	0.00	69.21	0	0
Total	4.42	158.83		
Uran				
All Units	0.00	159.67	0	0
Total	0.00	159.67		
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	5.03	25	0
Total	0.44	5.03		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.72	105.84	480	35
Stage 4	15.00	183.01	1028	250
Stage 3	4.61	64.22	240	80
Total	26.33	353.07		
Hydro				
KDPH	0.59	16.35	29	14
VTRNA	0.88	19.08	60	0
TILLARI	0.52	11.21	58	0
BHIRA T.R.	0.20	4.83	80	0
SMLHY_PTN	2.76	88.73	126	96
GHATGHAR	0.16	4.88	113	0
Total	5.11	145.07		
Wind				
Total	26.59	469.26	0	0
Total	26.59	469.26		
CPP				
APML(Mus)	30.49	1204.79	0	0
JSWEL(Mus)	20.55	414.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.35	646.74	0	0
SWPGPL-Mus	8.96	146.21	0	0
Other(Mus)	10.79	273.28	0	0
Total	102.14	2685.08		
SOLAR				
Total	7.75	155.64	0	0
Total	7.75	155.64		
Tata				
Trombay 5	11.23	219.52	483	424
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	44.76	0	0
Trombay 7B	0.00	25.99	0	0
Trombay 8	5.35	109.97	226	219
TATA Hydro	4.18	90.99	388	0
Total	20.76	491.24		
AEML				
DTPS U-1&2	5.97	220.28	249	248
Total	5.97	220.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.30	2706.90	MSPGCL Total	157.73	3364.71
			MSPGCL Thml+Gas	126.30	2866.57	Koyna 1,2 & 4 Total	21.72	288.85
			MSPGCL Hydro	31.43	498.14	State Total	320.94	7386.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/May/2021

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	5539	838	0	6377	1788	4295	0	0	5850	5465	-1163	16762	0	16762	2332	19094	50.00
2	5522	754	0	6276	1803	4294	0	0	5737	5250	-1075	16548	0	16548	2169	18717	50.00
3	5498	737	0	6235	1803	4313	0	0	5610	5400	-967	16784	0	16784	2031	18815	49.99
4	5472	767	0	6239	1471	4278	0	0	5543	5384	-1013	16360	0	16360	1947	18306	49.99
5	5434	1176	0	6610	1436	4244	0	0	5519	5357	-963	16684	0	16684	1886	18570	49.90
6	5407	1713	0	7120	1203	4150	0	0	5805	5872	-964	17381	0	17381	1885	19266	49.91
7	5332	1996	0	7328	1023	4236	0	75	6613	6449	-941	18170	0	18170	1843	20013	49.96
8	5358	1774	0	7132	769	4220	0	281	6406	6043	-946	17498	0	17498	1908	19406	49.94
9	5295	1935	0	7230	628	4236	0	553	6155	5908	-1006	17549	0	17549	2024	19573	50.02
10	5314	1475	0	6789	512	4260	0	771	6752	6206	-1114	17424	0	17424	2173	19597	50.02
11	5284	1070	0	6354	420	4278	0	973	6907	6630	-1169	17486	0	17486	2265	19751	49.98
12	5271	988	0	6259	423	4243	0	1062	6793	6680	-1167	17500	0	17500	2305	19805	49.96
13	5148	1421	0	6569	358	4238	0	1078	6678	6431	-1182	17492	0	17492	2321	19813	49.98
14	5057	1273	0	6330	435	4218	0	919	6669	6536	-1156	17282	0	17282	2281	19563	50.00
15	4994	1717	0	6711	424	4232	0	846	6975	7219	-1228	18204	0	18204	2331	20534	50.01
16	5065	1838	0	6903	481	4280	0	636	7153	6963	-1209	18054	0	18054	2336	20390	50.01
17	5091	1784	0	6875	731	4272	0	383	6767	6614	-1178	17698	0	17698	2260	19958	50.03
18	5132	1687	0	6819	940	4311	0	157	6076	5977	-1010	17194	0	17194	2175	19369	50.04
19	5111	1018	0	6129	1240	4282	0	19	5737	5644	-799	16515	0	16515	2118	18633	50.01
20	5099	1134	0	6233	1604	4264	0	0	5674	5568	-868	16801	0	16801	2205	19006	49.94
21	5204	920	0	6124	1721	4207	0	0	5734	5519	-883	16688	0	16688	2224	18912	50.04
22	5240	867	0	6107	1891	4320	0	0	5946	5814	-952	17180	0	17180	2247	19428	50.02
23	5233	1173	0	6406	1718	4240	0	0	6158	6202	-1066	17500	0	17500	2315	19815	49.88
24	5197	1379	0	6576	1771	4226	0	0	6101	6007	-1264	17316	0	17316	2431	19746	49.99
MUs	126.30	31.43	0.00	157.73	26.59	102.14	0.00	7.75	149.36	145.14	-25.28	414.07	0.00	414.07	52.01	466.08	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 22/May/2021

Position as on 6.30 Hrs of 23/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.24.05.21)	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkhedha Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 5	108	17/05/2021	11.52		Continued.	Due to jerk	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
MSPGCL	Uran Unit B0	120	17/05/2021	20.15		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	17/05/2021	20.15		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	17/05/2021	22.59		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/May/2021

Position as on 6.30 Hrs of 23/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
TPC-G	Trombay 7B	60	17/05/2021	23.29		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	17/05/2021	23.50		Continued.	Gas shortage	
MSPGCL	Paras Unit 4	250	22/05/2021	23.49		Continued.	High Drum Level	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/May/2021

Statement-VII

Position as on 6.30 Hrs of 23/May/2021

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Koradi Bhilai	InterState	23/05/2021	07.34	23/05/2021	18.32	PO	For rectification of broken OPGW cable between Location No.571 to 573.
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Deepnagar Waluj 1	IntraState	21/05/2021	18.48	22/05/2021	17.57	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	22/05/2021	07.12	23/05/2021	06.19	PO	Replacement of R Phase Conductor(RFC 17.25Hrs)
Padghe - Nagothane - II	IntraState	22/05/2021	08.40	22/05/2021	19.27	PO	Chemical washing of Insulator
Deepnagar - Aurangabad	IntraState	23/05/2021	06.57	23/05/2021	16.50	PO	For replacement of faulty Dead end & Mid Span Joint.
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	22/05/2021	08.33	22/05/2021	18.50	PO	Testing Work
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	23/05/2021	00.19		Continued.	EO	TO attend the red hot 29 A R PH Hanger.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Apta - Tambati	IntraState	21/05/2021	23.15	22/05/2021	05.31	T	Tripped at Tambati end only
Padgha-Temghar-II	IntraState	22/05/2021	06.25	22/05/2021	11.10	EO	CB problem
Trombay Carnac 5	IntraState	22/05/2021	10.03	22/05/2021	20.00	PO	Releasing of suspension locations and putting conductors in roller
Tata Borivli MSETCL Borivli 4	IntraState	22/05/2021	10.22	22/05/2021	15.15	EO	To attend Hot Spot
Mahad-Kandalgaon	IntraState	22/05/2021	10.45	22/05/2021	17.42	PO	Jumper Nut Bolt tightening work
Kandalgaon - Bhira	IntraState	22/05/2021	11.33	22/05/2021	16.22	EO	PT Replacement work
Bhugaon- Wardha	IntraState	22/05/2021	12.20	22/05/2021	13.30	T	Tripped at Wardha PG end only
Temghar - Kalwa	IntraState	22/05/2021	22.51	23/05/2021	04.47	PO	Breaker Problem
Kamba - Kolshet	IntraState	23/05/2021	14.10	23/05/2021	18.17	EO	To remove pilot wire and earth wire emergency outage is required on 220 kv Kamba-kolshet and 100 kv Kharbao -kolshet line.
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	22/05/2021	07.57	22/05/2021	10.56	PO	Pre-Monsoon Maintenance work
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	22/05/2021	09.23	22/05/2021	17.27	PO	Pre-Monsoon Maintenance work
220/132kv 100MVA ICT @ KALWAN (BHENDI)	IntraState	22/05/2021	10.15	22/05/2021	16.43	PO	Pre-Monsoon Maintenance work
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	22/05/2021	10.42	22/05/2021	12.55	PO	Quarterly Maintenance Work
220/33kv 125 Mva Transformer 2 @Aarey R/S	IntraState	22/05/2021	11.00	22/05/2021	17.48	PO	Pre-Monsoon Maintenance work
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	22/05/2021	12.29	22/05/2021	14.40	PO	Pre-Monsoon Maintenance work
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	22/05/2021	14.47	22/05/2021	17.05	PO	Quarterly Maintenance Work
220/132 KV 100MVA ICT-I @ Shivajinagar	IntraState	22/05/2021	16.02	22/05/2021	17.52	PO	Pre-Monsoon Maintenance work
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	23/05/2021	09.18	23/05/2021	19.25	EO	To attend Oil Leakage.

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