

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/May/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.753	1786.272	1) Gujrat	7.321	132.955
2) Hydro	20.147	339.033	2) Madhya Pradesh	11.577	248.774
3) Gas	6.673	138.563	3) Chattisgarh	7.210	165.490
Total MSPGCL	123.573	2263.868	4) Maharashtra	122.595	2852.789
B) 1) APMIL	66.704	1425.493	5) Goa (Amona)	-0.550	-10.252
2) JSWEL	16.838	336.813	Total	148.153	3389.756
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.504	486.338
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.664	495.706
5) WPCL	2.696	55.994	c) MSEDCL Bilateral *	36.141	1107.142
6) Other IPP	9.346	171.570	Include PX	10.306	596.612
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.504	486.338
C) 1) TPCL Thermal	7.338	144.732	Include PX	15.582	343.591
2) TPCL Hydro	5.391	108.537	Standby	0.000	0.000
3) TPCL Gas	4.386	92.227	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.336	206.076	1) MSEDCL	384.387	7705.962
D) STATE			2) Mumbai Discoms	50.115	1047.271
1) Thermal	210.011	4126.950	TOTAL STATE	434.502	8753.233
(A1+C1+C4+(B1-B6))					
2) Hydro	25.538	447.570			
(A2+C2)					
3) Gas	11.059	230.790			
(A3+B7+C3)					
4) Wind	31.891	404.424			
6) SOLAR	7.850	153.750			
TOTAL STATE	286.349	5363.484			

* 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	4108	4106	4153	3874
MSPGCL Hydro	706	948	363	1071
MSPGCL Gas	265	272	280	285
MSPGCL Total Generation	5079	5326	4796	5230
Central Sector Receipt	6716	7566	5613	5240
WIND	997	795	1534	1643
CPP / IPP Thermal	3960	3974	3988	4035
CPP / IPP Gas	0	0	0	0
SOLAR	1075	872	0	0
Exchange with Mumbai	-1088	-857	-834	-917
MSEDCL DEMAND MET	16739	17676	15097	15231
Load Shedding	0	0	0	0
MSEDCL DEMAND	16739	17676	15097	15231
TPCL GENERATION	576	805	927	737
AEML GENERATION	384	502	502	373
MUMBAI DEMAND	2048	2164	2263	2027
STATE DEMAND MET	18787	19840	17360	17258
STATE DEMAND	18787	19840	17360	17258
Frequency (Hz)	50.02	49.97	50.00	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.02 Hrs	49.84 Hz at 14.42 Hrs	50.03	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 21/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	10.59	83.02	464	355
Unit 10	0.00	0.00	0	0
Total	10.59	83.02		
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	4.37	39.74	189	168
Unit 4	1.37	33.70	155	0
Unit 5	8.65	83.64	450	0
Unit 6	10.54	203.88	475	384
Unit 7	10.48	123.07	449	390
Unit 8	10.43	230.17	465	390
Unit 9	10.39	216.41	451	380
Total	56.23	930.61		
Paras				
Unit 3	5.25	99.10	234	200
Unit 4	0.00	110.04	0	0
Total	5.25	209.14		
Khaparkheda				
Unit 1	4.19	40.21	180	170
Unit 2	4.46	74.17	190	185
Unit 3	0.54	68.26	180	0
Unit 4	4.50	89.84	190	185
Unit 5	11.00	227.01	490	440
Total	24.68	499.50		
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	6.67	138.56	297	263
Total	6.67	138.56		
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)	0.20	4.94	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	4.94		
Koyna				
Stage 1-2	5.51	103.20	520	40
Stage 4	8.95	131.22	750	0
Stage 3	3.44	51.77	240	0
Total	17.90	286.19		
Hydro				
KDPH	0.74	15.90	31	31
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	5.92	80	0
RNGR+BHTSA	0.27	5.73	12	11
BHANDARDRA	0.46	9.86	37	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.49	12.07	29	18
GHATGHAR	0.00	0.00	0	0
Total	2.24	52.84		
Wind				
Total	31.89	404.42	0	0
Total	31.89	404.42		
CPP				
APML(Mus)	66.70	1425.49	0	0
JSWEL(Mus)	16.84	336.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	55.99	0	0
Other(Mus)	9.35	171.57	0	0
Total	95.58	1989.87		
SOLAR				
Total	7.85	153.75	0	0
Total	7.85	153.75		
Tata				
Trombay 5	7.34	144.73	309	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	58.92	117	116
Trombay 7B	1.58	33.31	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.39	108.54	439	27
Total	17.12	345.50		
AEML				
DTPS U-1&2	10.34	206.08	503	373
Total	10.34	206.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	96.75	1786.27	MSPGCL Total	123.57	2263.87
			MSPGCL Thml+Gas	103.43	1924.84	Koyna 1,2 & 4 Total	14.46	234.42
			MSPGCL Hydro	20.15	339.03	State Total	286.35	5363.48

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 21/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	3703	1168	284	5155	1739	4036	0	0	5564	5786	-1137	15579	0	15579	2340	17919	50.04
2	3727	1332	283	5342	1598	4029	0	0	5380	5412	-1044	15337	0	15337	2224	17561	50.05
3	3874	1249	283	5406	1533	3987	0	0	5383	5222	-978	15170	0	15170	2116	17286	50.05
4	3874	1071	285	5230	1643	4035	0	0	5261	5240	-917	15231	0	15231	2027	17258	50.06
5	3852	935	275	5062	1758	4043	0	0	5317	5395	-881	15377	0	15377	1973	17350	50.04
6	3935	1073	297	5305	1894	4009	0	0	5844	5876	-880	16204	0	16204	1979	18183	50.05
7	4109	688	287	5084	1584	3987	0	68	6337	6407	-791	16339	0	16339	1892	18231	50.09
8	4134	684	275	5093	1392	4000	0	247	6008	6081	-858	15955	0	15955	1868	17823	50.05
9	4197	568	293	5058	1165	3991	0	539	5967	6132	-948	15937	0	15937	1907	17844	50.04
10	4060	701	269	5030	1024	3980	0	747	6257	6482	-1032	16231	0	16231	1976	18207	50.04
11	4112	553	278	4943	1289	3997	0	952	6477	6451	-1079	16553	0	16553	2026	18579	50.05
12	4108	706	265	5079	997	3960	0	1075	6593	6716	-1088	16739	0	16739	2048	18787	50.02
13	4103	687	284	5074	1079	3978	0	1050	6841	6637	-989	16829	0	16829	2062	18891	50.01
14	4111	593	264	4968	931	3973	0	980	6885	6967	-869	16950	0	16950	2104	19054	50.00
15	4106	948	272	5326	795	3974	0	872	7274	7566	-857	17676	0	17676	2164	19840	49.97
16	4133	801	264	5198	663	3961	0	644	7973	7903	-875	17494	0	17494	2192	19686	50.00
17	4092	1185	263	5540	883	3971	0	442	7511	7517	-809	17544	0	17544	2098	19642	49.97
18	4092	1365	277	5734	1121	3954	0	204	6418	6308	-906	16415	0	16415	1976	18391	50.03
19	4075	877	279	5231	1548	3945	0	30	5436	5277	-895	15136	0	15136	1911	17047	50.04
20	3825	548	280	4653	1611	3900	0	0	5637	5507	-1065	14606	0	14606	2038	16644	49.99
21	3929	587	281	4797	1482	3892	0	0	5396	5639	-904	14906	0	14906	2131	17037	49.98
22	4153	363	280	4796	1534	3988	0	0	5446	5613	-834	15097	0	15097	2263	17360	50.00
23	4227	706	282	5215	1402	4047	0	0	5749	6034	-970	15728	0	15728	2366	18094	49.99
24	4222	759	273	5254	1226	3947	0	0	6001	5985	-1058	15354	0	15354	2434	17788	50.04
MUs	96.75	20.15	6.67	123.57	31.89	95.58	0.00	7.85	146.95	148.15	-22.66	384.39	0.00	384.39	50.12	434.50	50.03

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 21/May/2020

Position as on 6.30 Hrs of 22/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 21/May/2020

Position as on 6.30 Hrs of 22/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	Chandrapur Unit 5	500	19/05/2020	14.25	21/05/2020	01.33	Drum level High	
MSPGCL	Paras Unit 4	250	20/05/2020	08.56		Continued.	Drum level low	
MSPGCL	Khaparkheda Unit 3	210	20/05/2020	12.25	21/05/2020	19.23	Boiler Tube Leakage	
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 21/May/2020

Statement-VII

Position as on 6.30 Hrs of 22/May/2020

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
Dhule Sar'Sarovar II	InterState	30/04/2020	17.40		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	21/05/2020	08.18		Continued.	EO	Attending Hot Spot at Bhadravati end.
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
Karad - Jaigad - II	IntraState	20/05/2020	20.40	21/05/2020	11.00	HT	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 Kv 500 Mva ICT- I @Jejuri	IntraState	21/05/2020	21.52	21/05/2020	23.41	EO	Y Phase CTR Control.
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
220 KV VIRODA - AMALNER	IntraState	20/05/2020	06.47	21/05/2020	06.05	PO	Line Maintenance work
Butibori-Butibori Rly Tss	IntraState	21/05/2020	07.00	21/05/2020	18.35	PO	Restranging of conductor Form Loc. 04 To 12
Karad(400kv) - Wathar	IntraState	21/05/2020	07.30	21/05/2020	18.02	PO	Insulator replacement tension LILo Loc No 4, R,Y& B phase(All DTN string) which are proposed for replacement in foggy area.
Nerul-Trombay	IntraState	21/05/2020	09.06	21/05/2020	12.50	PO	Pre-monsoon maintenance work.
Padghe - Jindal	IntraState	21/05/2020	09.46	21/05/2020	15.22	PO	For pre-monsoon maintenance activity & line (29LD) & Aux. bus (29LC) isolator. maintenance work
Magar Patta City- Serum	IntraState	21/05/2020	10.09	21/05/2020	15.04	PO	Replacement LA due to higher trend of LCM Values.
Osmanabad - Solapur (Bale)	IntraState	21/05/2020	10.25	21/05/2020	15.45	PO	Midspan conductor joint work at Loc.no 92 B phase.
Tambati - Adlabs	IntraState	21/05/2020	10.28	21/05/2020	12.53	PO	Attending hotspot at Loc no. 528 (LILo tower) middle phase.
Gadchandur - Virur-I	IntraState	21/05/2020	10.55	21/05/2020	15.47	PO	Disc Replacement Work.
Dasturi-Kandalgaon Line	IntraState	21/05/2020	11.10	21/05/2020	17.45	EO	R ph LA replacement work & Emergency tree cutting work.
Osmanabad - Barshi	IntraState	21/05/2020	12.59	21/05/2020	14.55	PO	For Testing Work & DC leakage attending.
Bombay Dyeing - Sahara	IntraState	21/05/2020	14.41	21/05/2020	17.16	PO	Emergency tree cutting work at Loc No. 198-199 & Routine maintenance work.
Mulund - GIS Bhandup	IntraState	21/05/2020	15.58	21/05/2020	16.30	EO	TO Remove nylon thread stucked on jaw of isolator.
Abhijeet-Wardha-I	IntraState	21/05/2020	16.04	21/05/2020	18.25	EO	To attend Hot Spot
Eklahare (Ocr)Nasik - Padghe 2	IntraState	21/05/2020	16.30	21/05/2020	19.26	PO	For pre-monsoon maintenance activity & line(29LD) & Aux. bus (29LC) isolator maintenance & alignment work.

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 21/May/2020

Statement-VII

Position as on 6.30 Hrs of 22/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Satana-Gangapur	IntraState	21/05/2020	16.37	21/05/2020	17.35	T	Distance Protection
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	22/05/2020	07.50	22/05/2020	11.54	PO	Tan Delta protection trails & Routine Maintenance Work.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Vijai Ict 2 @Gadchiroli	IntraState	21/05/2020	06.45	21/05/2020	10.55	PO	Diagnostic testing work.
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	21/05/2020	09.13	21/05/2020	11.52	PO	Pre-monsoon maintenance of Bay equipments, Transformer and NGT.
220/33 Kv 100 Mva Areva Ptr 1 @Jamde	IntraState	21/05/2020	09.40	21/05/2020	11.48	PO	Quarterly Maintainance Work
220/33 Kv 100 Mva Alstom Ptr 2 @Jamde	IntraState	21/05/2020	11.50	21/05/2020	13.13	PO	Quarterly Maintainance Work
220/132kV 100MVA ICT-II @ Alephata	IntraState	21/05/2020	12.01	21/05/2020	20.20	PO	For Pre-Monsoon Maintenance work.

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