

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/May/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.154	654.730	1) Gujrat	-1.587	-10.401
2) Hydro	25.763	77.542	2) Madhya Pradesh	12.159	56.487
3) Gas	9.940	45.182	3) Chattisgarh	5.900	28.380
Total MSPGCL	158.857	777.454	4) Maharashtra	145.879	700.085
B) 1) APML	73.976	349.380	5) Goa (Amona)	-2.093	-9.509
2) JSWEL	16.478	70.835	Total	160.258	765.042
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.292	113.264
4) RPL(AMT)	31.279	150.570	b) Mumbai Drawl	22.816	122.400
5) SWPGPL	9.125	37.577	c) MSEDCL Bilateral *	32.928	167.998
6) Other IPP	15.743	73.888	Include PX	2.474	17.500
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.292	113.264
C) 1) TPCL Thermal	16.197	68.467	Include PX	7.633	26.777
2) TPCL Hydro	5.337	19.592	Standby	0.000	0.000
3) TPCL Gas	4.372	21.838	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.797	50.192	1) MSEDCL	462.125	2190.558
D) STATE			2) Mumbai Discoms	60.519	282.489
1) Thermal	297.749	1455.639	TOTAL STATE	522.644	2473.047
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	31.100	97.134			
3) Gas (A3+B7+C3)	14.312	67.020			
4) Wind	11.606	53.142			
6) SOLAR	7.619	35.070			
TOTAL STATE	362.386	1708.005			

* 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 4 Hrs
MSPGCL Thermal	5312	5137	4781	5308
MSPGCL Hydro	1278	1095	789	588
MSPGCL Gas	396	406	412	425
MSPGCL Total Generation	6986	6638	5982	6321
Central Sector Receipt	7489	7461	6217	6116
WIND	100	885	632	574
CPP / IPP Thermal	5991	6000	6184	6144
CPP / IPP Gas	0	0	0	0
SOLAR	1093	584	0	0
Exchange with Mumbai	-951	-1101	-939	-806
MSEDCL DEMAND MET	20708	20467	18076	18349
Load Shedding	0	0	0	0
MSEDCL DEMAND	20708	20467	18076	18349
TPCL GENERATION	1274	1272	1136	897
AEML GENERATION	500	500	484	502
MUMBAI DEMAND	2725	2873	2559	2205
STATE DEMAND MET	23433	23340	20635	20554
STATE DEMAND	23433	23340	20635	20554
Frequency (Hz)	50.04	49.96	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.02 Hrs	49.82 Hz at 21.26 Hrs	50.01	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 05/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	13.75	65.65	620	494
Unit 9	0.00	0.00	0	0
Unit 10	11.12	57.78	520	400
Total	24.88	123.43		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	12.01	58.76	505	500
Unit 5	11.76	58.28	500	460
Total	23.78	130.72		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	4.40	24.02	241	0
Unit 8	4.67	23.04	210	181
Total	9.07	64.68		
Chandrapur				
Unit 3	3.39	13.15	149	130
Unit 4	0.00	0.00	0	0
Unit 5	0.00	1.72	0	0
Unit 6	9.23	47.09	415	315
Unit 7	0.00	0.00	0	0
Unit 8	7.33	45.11	345	299
Unit 9	7.38	43.17	356	294
Total	27.33	150.24		
Paras				
Unit 3	2.33	23.60	175	0
Unit 4	5.67	27.55	253	136
Total	8.00	51.14		
Khaparkheda				
Unit 1	2.70	12.83	135	95
Unit 2	0.00	0.00	0	0
Unit 3	3.86	20.95	180	150
Unit 4	3.77	8.09	168	147
Unit 5	10.98	54.04	460	450
Total	21.32	95.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.39	19.25	202	127
Unit 5	4.38	19.36	200	132
Total	8.78	38.60		
Uran				
All Units	9.94	45.18	427	396
Total	9.94	45.18		
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)	0.14	0.88	23	0
Total	0.14	0.88		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.59	16.34	470	35
Stage 4	10.78	19.19	1000	8
Stage 3	3.44	7.78	240	80
Total	18.80	43.32		
Hydro				
KDPH	0.79	4.00	33	33
VTRNA	0.94	4.67	60	0
TILLARI	0.58	2.01	58	0
BHIRA T.R.	0.24	1.12	80	0
SMLHY_PTN	4.41	22.16	197	168
GHATGHAR	0.00	0.27	0	0
Total	6.96	34.23		
Wind				
Total	11.61	53.14	0	0
Total	11.61	53.14		
CPP				
APML(Mus)	73.98	349.38	0	0
JSWEL(Mus)	16.48	70.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.28	150.57	0	0
SWPGPL-Mus	9.12	37.58	0	0
Other(Mus)	15.74	73.89	0	0
Total	146.60	682.25		
SOLAR				
Total	7.62	35.07	0	0
Total	7.62	35.07		
Tata				
Trombay 5	10.78	45.90	484	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	13.94	117	115
Trombay 7B	1.58	7.90	66	65
Trombay 8	5.42	22.56	235	175
TATA Hydro	5.34	19.59	381	0
Total	25.91	109.90		
AEMIL				
DTPS U-1&2	11.80	50.19	502	405
Total	11.80	50.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.15	654.73	MSPGCL Total	158.86	777.45
			MSPGCL Thml+Gas	133.09	699.91	Koyna 1,2 & 4 Total	15.37	35.54
			MSPGCL Hydro	25.76	77.54	State Total	362.39	1708.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	5218	781	414	6413	695	6254	0	0	6597	6743	-1046	19059	0	19059	2648	21707	50.02
2	5229	923	424	6576	647	6184	0	0	6323	6406	-1005	18808	0	18808	2470	21278	50.00
3	5311	733	414	6458	676	6174	0	0	6192	6152	-924	18536	0	18536	2321	20857	50.00
4	5308	588	425	6321	574	6144	0	0	6122	6116	-806	18349	0	18349	2205	20554	50.02
5	5309	822	425	6556	475	6148	0	0	6072	6425	-749	18855	0	18855	2146	21001	50.02
6	5304	1411	427	7142	354	6152	0	0	6396	6886	-785	19749	0	19749	2180	21929	50.04
7	5360	1849	426	7635	276	6167	0	58	6891	6817	-696	20257	0	20257	2109	22366	50.02
8	5357	1555	426	7338	247	6152	0	257	6720	6654	-741	19907	0	19907	2147	22054	50.03
9	5264	1295	413	6972	168	6124	0	569	6841	6674	-878	19629	0	19629	2332	21961	50.03
10	5279	1130	422	6831	167	6066	0	825	7003	6950	-1011	19828	0	19828	2543	22371	50.03
11	5319	1178	408	6905	182	6037	0	991	7279	7077	-998	20194	0	20194	2684	22878	50.03
12	5312	1278	396	6986	100	5991	0	1093	7265	7489	-951	20708	0	20708	2725	23433	50.04
13	5316	1466	406	7188	88	5975	0	1017	7278	6934	-962	20240	0	20240	2736	22976	50.04
14	5293	1231	396	6920	303	5980	0	901	7237	7267	-954	20417	0	20417	2724	23141	50.05
15	5198	1324	407	6929	529	5975	0	764	7501	7087	-1075	20209	0	20209	2847	23056	50.05
16	5137	1095	406	6638	885	6000	0	584	7787	7461	-1101	20467	0	20467	2873	23340	49.96
17	4951	833	406	6190	504	5992	0	366	7190	7020	-1101	18971	0	18971	2770	21741	49.98
18	4834	1038	410	6282	777	6038	0	177	6498	6234	-1085	18423	0	18423	2647	21070	50.00
19	4751	520	409	5680	671	6097	0	17	6108	6166	-927	17704	0	17704	2409	20113	50.00
20	4763	865	400	6028	798	6156	0	0	6196	5772	-1020	17734	0	17734	2472	20206	49.99
21	4817	451	422	5690	849	6188	0	0	6274	6352	-981	18098	0	18098	2535	20633	49.97
22	4781	789	412	5982	632	6184	0	0	6440	6217	-939	18076	0	18076	2559	20635	49.94
23	4858	1282	423	6563	478	6174	0	0	6606	6667	-1033	18849	0	18849	2727	21576	49.97
24	4885	1326	423	6634	531	6249	0	0	6758	6692	-1048	19058	0	19058	2710	21768	49.91
MUs	123.15	25.76	9.94	158.86	11.61	146.60	0.00	7.62	161.57	160.26	-22.82	462.12	0.00	462.12	60.52	522.64	50.01

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 05/May/2021

Position as on 6.30 Hrs of 06/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)	
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.12.05.21)	
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	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 9	660	24/04/2021	14.59		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	03/05/2021	20.26		Continued.	ID fan tripped	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 3	250	05/05/2021	14.14	05/05/2021	22.20	Due To Clinker Formation.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2021

Statement-VII

Position as on 6.30 Hrs of 06/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
Akola Wardha I	InterState	21/04/2021	09.19	05/05/2021	17.35	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi highway).
Akola Wardha li	InterState	21/04/2021	09.19	05/05/2021	18.35	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi highway)
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Nagothane - Dabhol-II	IntraState	05/05/2021	08.28	05/05/2021	18.44	PO	Cold Washing ,E/W Replacement Work & Faulty String replacement Work.
N.Koyna-Karad -Ckt I	IntraState	05/05/2021	19.09	05/05/2021	22.21	T	Distance Protection
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.
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)
Chalisgaon -Babhaleshwar	IntraState	24/04/2021	09.52		Continued.	PO	For Shifting/Erection Work of monopole Tower Work For samruddhi express Highway work 4 nos of monopole erection & 2nos of tower erection work. Dismantling of 2nos of tower loc no.220-223.
Chikhli-Jalna-I	IntraState	26/04/2021	12.14		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Chikhli-Jalna-II	IntraState	26/04/2021	12.16		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Midc Chandrapur-Gadchandur	IntraState	05/05/2021	04.48	05/05/2021	05.06	T	Distance Protection
Gadchandur - Virur-II	IntraState	05/05/2021	05.55	05/05/2021	06.35	T	Distance Protection
Trombay Dharavi 5	IntraState	05/05/2021	08.19	05/05/2021	18.45	PO	For Re Sagging.
Nagothane-Wadkhal II	IntraState	05/05/2021	10.03	05/05/2021	12.02	EO	Attending Hot Spot
Gadchandur - Virur-II	IntraState	05/05/2021	12.23	05/05/2021	16.46	PO	For Fixing Of Tension String At Loc No-107 B-Phase.
Nagothane-Wadkhal-I	IntraState	05/05/2021	12.27	05/05/2021	14.26	EO	Attending Hot Spot
Wardha Butibori-III	IntraState	05/05/2021	13.10	05/05/2021	15.15	PO	For Removing Plastic Tad Patri Found Wound On Insulator String At Loc. No 294.
Wardha-Yeotmal	IntraState	05/05/2021	18.30	05/05/2021	20.47	T	Distance Protection

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