

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.033	531.576	1) Gujrat	-0.887	-8.814
2) Hydro	18.649	51.779	2) Madhya Pradesh	11.700	44.328
3) Gas	8.196	35.242	3) Chattisgarh	5.670	22.480
Total MSPGCL	163.878	618.597	4) Maharashtra	141.012	554.206
B) 1) APML	73.087	275.404	5) Goa (Amona)	-2.090	-7.416
2) JSWEL	15.462	54.357	Total	155.405	604.784
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.516	86.973
4) RPL(AMT)	31.306	119.291	b) Mumbai Drawl	21.933	99.584
5) SWPGPL	9.126	28.452	c) MSEDCL Bilateral *	33.884	135.070
6) Other IPP	14.851	58.145	Include PX	1.545	15.026
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.516	86.973
C) 1) TPCL Thermal	15.857	52.270	Include PX	4.542	19.144
2) TPCL Hydro	5.252	14.255	Standby	0.000	0.000
3) TPCL Gas	4.369	17.466	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.632	38.395	1) MSEDCL	457.749	1728.433
D) STATE			2) Mumbai Discoms	59.043	221.970
1) Thermal	308.354	1157.890	TOTAL STATE	516.792	1950.403
(A1+C1+C4+(B1-B6))					
2) Hydro	23.901	66.034			
(A2+C2)					
3) Gas	12.565	52.708			
(A3+B7+C3)					
4) Wind	9.035	41.536			
6) SOLAR	7.532	27.451			
TOTAL STATE	361.387	1345.619			

* 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 3 Hrs
MSPGCL Thermal	5914	5856	5221	5745
MSPGCL Hydro	666	1293	838	276
MSPGCL Gas	289	405	413	276
MSPGCL Total Generation	6869	7554	6472	6297
Central Sector Receipt	7144	7455	5922	5649
WIND	149	144	445	719
CPP / IPP Thermal	5884	5692	6282	6012
CPP / IPP Gas	0	0	0	0
SOLAR	1077	741	0	0
Exchange with Mumbai	-927	-975	-842	-879
MSEDCL DEMAND MET	20196	20611	18279	17798
Load Shedding	0	0	0	0
MSEDCL DEMAND	20196	20611	18279	17798
TPCL GENERATION	1255	1255	1207	864
AEML GENERATION	501	501	500	500
MUMBAI DEMAND	2683	2731	2549	2243
STATE DEMAND MET	22879	23342	20828	20041
STATE DEMAND	22879	23342	20828	20041
Frequency (Hz)	50.03	49.94	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.78 Hz at 01.42 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 04/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	13.43	51.90	604	359
Unit 9	0.00	0.00	0	0
Unit 10	12.39	46.65	556	470
Total	25.82	98.56		
Bhusawal				
Unit 3	3.48	13.68	180	0
Unit 4	11.96	46.74	500	495
Unit 5	11.73	46.52	500	470
Total	27.17	106.95		
Parli				
Unit 6	4.73	17.62	250	0
Unit 7	5.26	19.62	241	180
Unit 8	4.51	18.37	197	179
Total	14.50	55.61		
Chandrapur				
Unit 3	3.47	9.76	152	123
Unit 4	0.00	0.00	0	0
Unit 5	0.00	1.72	0	0
Unit 6	9.52	37.86	410	330
Unit 7	0.00	0.00	0	0
Unit 8	7.41	37.78	360	296
Unit 9	7.34	35.79	353	289
Total	27.74	122.90		
Paras				
Unit 3	5.52	21.26	242	180
Unit 4	5.58	21.88	254	133
Total	11.11	43.14		
Khaparkheda				
Unit 1	2.76	10.13	120	95
Unit 2	0.00	0.00	0	0
Unit 3	4.47	17.09	190	165
Unit 4	3.39	4.31	185	0
Unit 5	10.91	43.06	460	425
Total	21.53	74.60		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.54	14.85	199	140
Unit 5	4.62	14.97	199	130
Total	9.16	29.82		
Uran				
All Units	8.20	35.24	424	263
Total	8.20	35.24		
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)	0.21	0.75	25	0
Total	0.21	0.75		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.98	11.76	430	35
Stage 4	5.79	8.41	840	0
Stage 3	2.00	4.34	168	0
Total	11.77	24.51		
Hydro				
KDPH	0.79	3.20	33	33
VTRNA	0.95	3.73	60	0
TILLARI	0.49	1.43	58	0
BHIRA T.R.	0.28	0.88	80	0
SMLHY_PTN	4.24	17.76	186	160
GHATGHAR	0.13	0.27	67	0
Total	6.88	27.27		
Wind				
Total	9.04	41.54	0	0
Total	9.04	41.54		
CPP				
APML(Mus)	73.09	275.40	0	0
JSWEL(Mus)	15.46	54.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.31	119.29	0	0
SWPGPL-Mus	9.13	28.45	0	0
Other(Mus)	14.85	58.14	0	0
Total	143.83	535.65		
SOLAR				
Total	7.53	27.45	0	0
Total	7.53	27.45		
Tata				
Trombay 5	10.65	35.12	483	286
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	11.15	117	114
Trombay 7B	1.58	6.32	66	65
Trombay 8	5.20	17.14	235	145
TATA Hydro	5.25	14.26	405	0
Total	25.48	83.99		
AEMIL				
DTPS U-1&2	11.63	38.40	502	347
Total	11.63	38.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.03	531.58	MSPGCL Total	163.88	618.60
			MSPGCL Thml+Gas	145.23	566.82	Koyna 1,2 & 4 Total	9.77	20.17
			MSPGCL Hydro	18.65	51.78	State Total	361.39	1345.62

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/May/2021

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	5787	419	285	6491	472	6038	0	0	6446	6346	-1027	18320	0	18320	2565	20885	50.00
2	5804	384	285	6473	567	6064	0	0	6224	6259	-943	18420	0	18420	2390	20810	49.92
3	5745	276	276	6297	719	6012	0	0	6047	5649	-879	17798	0	17798	2243	20041	50.00
4	5732	325	285	6342	673	6028	0	0	5946	5945	-1047	17941	0	17941	2118	20059	50.01
5	5808	316	276	6400	444	6060	0	0	6002	6266	-972	18198	0	18198	2089	20287	50.01
6	5829	905	296	7030	291	6012	0	0	6257	6626	-777	19182	0	19182	2150	21332	50.00
7	5850	1610	287	7747	250	5959	0	59	6331	6449	-696	19768	0	19768	2095	21863	50.04
8	5849	1072	286	7207	124	5969	0	236	6462	6499	-729	19306	0	19306	2133	21439	50.05
9	5907	745	275	6927	147	5968	0	511	6577	6413	-814	19152	0	19152	2309	21461	50.02
10	5909	713	283	6905	136	5883	0	771	6776	6650	-846	19499	0	19499	2506	22005	49.91
11	5875	735	263	6873	97	5873	0	979	6956	6814	-892	19744	0	19744	2632	22376	50.00
12	5914	666	289	6869	149	5884	0	1077	7088	7144	-927	20196	0	20196	2683	22879	50.03
13	5937	677	311	6925	113	5830	0	1017	7036	6845	-924	19806	0	19806	2679	22485	50.02
14	5907	673	402	6982	69	5834	0	950	7051	7124	-891	20068	0	20068	2650	22718	50.02
15	5856	1293	405	7554	144	5692	0	741	7239	7455	-975	20611	0	20611	2731	23342	49.94
16	5809	1306	396	7511	432	5658	0	620	7364	6999	-953	20267	0	20267	2741	23008	50.05
17	5777	1081	396	7254	557	5776	0	348	7058	6882	-875	19942	0	19942	2648	22590	49.98
18	5583	846	408	6837	463	5949	0	187	6440	6219	-824	18831	0	18831	2522	21353	49.98
19	5539	605	410	6554	508	6130	0	36	6045	5824	-1107	17945	0	17945	2349	20294	50.04
20	5667	554	420	6641	687	6151	0	0	5985	5936	-1136	18279	0	18279	2435	20714	50.03
21	5300	385	412	6097	569	6229	0	0	5840	5932	-851	17976	0	17976	2453	20429	50.01
22	5221	838	413	6472	445	6282	0	0	5904	5922	-842	18279	0	18279	2549	20828	50.02
23	5226	1188	413	6827	433	6273	0	0	6453	6555	-946	19142	0	19142	2643	21785	50.01
24	5202	1037	424	6663	546	6278	0	0	6773	6652	-1060	19079	0	19079	2730	21809	50.05
MUs	137.03	18.65	8.20	163.88	9.04	143.83	0.00	7.53	156.30	155.41	-21.93	457.75	0.00	457.75	59.04	516.79	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 04/May/2021

Position as on 6.30 Hrs of 05/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)	
IPP	JSW (J) U1	300	01/02/2021	18.00	04/05/2021	14.52	Due to turbine vibration high	
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	Khaparkheda Unit 4	210	01/05/2021	06.02	04/05/2021	00.59	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	03/05/2021	15.44	04/05/2021	10.58	Bus Fault R-Phase string broken.	
MSPGCL	Chandrapur Unit 5	500	03/05/2021	20.26		Continued.	ID fan tripped	
IPP	Dhariwal	300	04/05/2021	14.21	04/05/2021	16.45	PA Fan issue trip.	
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	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 04/May/2021

Statement-VII

Position as on 6.30 Hrs of 05/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	04/05/2021	20.23	04/05/2021	23.08	PO	Remove the hanging mulching paper on conductor
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 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)
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).
Dabhol Nagothane II	InterState	04/05/2021	09.18	04/05/2021	19.13	PO	Cold washing , E/W replacement Work & Faulty string replacement Work.
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Chandrapur-II - Nanded ckt II	IntraState	04/05/2021	06.07	04/05/2021	13.01	PO	Line Maintenance work
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.
400/220kv 315 Mva ICT I @Karad	IntraState	03/05/2021	07.16	04/05/2021	12.28	PO	For RRS REF stability work, RRS PG isolator trials, diagnostic testing work, routine & premonsoon maintenance work.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	04/05/2021	17.07	04/05/2021	19.12	EO	To replace the low N2 pressure cylinder of N2 injection fire protection system.
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.
Uran - Apta IV	IntraState	03/05/2021	15.44	04/05/2021	17.27	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
Trombay Dharavi 5	IntraState	04/05/2021	08.30	04/05/2021	18.22	PO	For Re Sagging.
Adlabs - Pedambe	IntraState	04/05/2021	09.32	04/05/2021	18.12	PO	Jumper nut bolt tightening.
Theur-Phursungi ckt-2	IntraState	04/05/2021	12.08	04/05/2021	17.13	EO	To attend Hot Spot
Midc Chandrapur-Gadchandur	IntraState	05/05/2021	04.48	05/05/2021	05.06	T	Distance Protection

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 04/May/2021

Statement-VII

Position as on 6.30 Hrs of 05/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220 KV ICT Outages/Trippings							
220KV/132KV 200MVA ICT III @ Miraj	IntraState	04/05/2021	11.00	04/05/2021	16.35	PO	Quarterly Maintenance Work

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