

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/May/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.663	774.393	1) Gujrat	-1.731	-12.132
2) Hydro	31.899	109.441	2) Madhya Pradesh	11.496	67.983
3) Gas	9.994	55.176	3) Chattisgarh	5.590	33.970
Total MSPGCL	161.556	939.010	4) Maharashtra	141.827	841.912
B) 1) APLM	75.496	424.876	5) Goa (Amona)	-2.128	-11.637
2) JSWEL	18.096	88.931	Total	155.054	920.096
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.422	144.686
4) RPL(AMT)	31.217	181.787	b) Mumbai Drawl	22.330	144.730
5) SWPGPL	8.767	46.344	c) MSEDCL Bilateral *	35.048	203.046
6) Other IPP	15.486	89.374	Include PX	4.235	21.735
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.422	144.686
C) 1) TPCL Thermal	16.377	84.844	Include PX	11.487	38.264
2) TPCL Hydro	5.395	24.987	Standby	0.000	0.000
3) TPCL Gas	4.385	26.223	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.450	61.642	1) MSEDCL	460.907	2651.465
D) STATE			2) Mumbai Discoms	59.937	342.426
1) Thermal	296.552	1752.191	TOTAL STATE	520.844	2993.891
(A1+C1+C4+(B1-B6))					
2) Hydro	37.294	134.428			
(A2+C2)					
3) Gas	14.379	81.399			
(A3+B7+C3)					
4) Wind	10.788	63.930			
6) SOLAR	6.777	41.847			
TOTAL STATE	365.790	2073.795			

* 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	5013	5071	5138	4750
MSPGCL Hydro	1543	2120	909	1474
MSPGCL Gas	407	397	433	414
MSPGCL Total Generation	6963	7588	6480	6638
Central Sector Receipt	7262	7088	5909	5901
WIND	156	495	658	478
CPP / IPP Thermal	6257	6215	6231	6211
CPP / IPP Gas	0	0	0	0
SOLAR	1056	576	0	0
Exchange with Mumbai	-980	-1014	-1065	-803
MSEDCL DEMAND MET	20714	20948	18213	18425
Load Shedding	0	0	0	0
MSEDCL DEMAND	20714	20948	18213	18425
TPCL GENERATION	1248	1259	1066	897
AEML GENERATION	500	500	404	501
MUMBAI DEMAND	2728	2773	2535	2201
STATE DEMAND MET	23442	23721	20748	20626
STATE DEMAND	23442	23721	20748	20626
Frequency (Hz)	50.04	49.97	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06:01 Hrs	49.76 Hz at 22:20 Hrs	50	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 06/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	12.57	78.23	606	350
Unit 9	0.00	0.00	0	0
Unit 10	9.87	67.65	500	330
Total	22.44	145.87		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.58	70.34	500	300
Unit 5	11.17	69.46	495	330
Total	22.76	153.48		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	3.76	26.80	203	0
Total	3.76	68.44		
Chandrapur				
Unit 3	1.61	14.76	125	93
Unit 4	0.00	0.00	0	0
Unit 5	3.27	4.99	410	82
Unit 6	9.27	56.36	410	355
Unit 7	0.00	0.00	0	0
Unit 8	7.37	52.48	366	295
Unit 9	7.26	50.43	351	290
Total	28.78	179.02		
Paras				
Unit 3	4.97	28.57	235	120
Unit 4	5.77	33.32	253	169
Total	10.74	61.89		
Khaparkheda				
Unit 1	3.19	16.02	150	110
Unit 2	0.00	0.00	0	0
Unit 3	4.27	25.22	205	155
Unit 4	4.17	12.25	187	155
Unit 5	10.63	64.67	460	410
Total	22.26	118.17		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.51	23.76	202	127
Unit 5	4.42	23.77	197	129
Total	8.93	47.53		
Uran				
All Units	9.99	55.18	433	397
Total	9.99	55.18		
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)	0.24	1.12	26	0
Total	0.24	1.12		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.82	23.16	470	35
Stage 4	13.33	32.52	1023	0
Stage 3	4.47	12.25	240	80
Total	24.62	67.94		
Hydro				
KDPH	0.79	4.79	33	33
VTRNA	0.76	5.43	59	0
TILLARI	0.58	2.59	58	0
BHIRA T.R.	0.32	1.44	80	0
SMLHY_PTN	4.49	26.65	198	175
GHATGHAR	0.33	0.60	200	0
Total	7.28	41.50		
Wind				
Total	10.79	63.93	0	0
Total	10.79	63.93		
CPP				
APML(Mus)	75.50	424.88	0	0
JSWEL(Mus)	18.10	88.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.22	181.79	0	0
SWPGPL-Mus	8.77	46.34	0	0
Other(Mus)	15.49	89.37	0	0
Total	149.06	831.31		
SOLAR				
Total	6.78	41.85	0	0
Total	6.78	41.85		
Tata				
Trombay 5	11.04	56.95	483	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	16.74	117	116
Trombay 7B	1.58	9.48	66	66
Trombay 8	5.33	27.90	235	137
TATA Hydro	5.40	24.99	381	0
Total	26.16	136.05		
AEML				
DTPS U-1&2	11.45	61.64	502	286
Total	11.45	61.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.66	774.39	MSPGCL Total	161.56	939.01
			MSPGCL Thml+Gas	129.66	829.57	Koyna 1,2 & 4 Total	20.15	55.69
			MSPGCL Hydro	31.90	109.44	State Total	365.79	2073.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4748	1383	414	6545	623	6278	0	0	6558	6242	-1026	18662	0	18662	2654	21316	49.96
2	4767	1418	424	6609	551	6218	0	0	6284	6293	-995	18676	0	18676	2472	21148	49.98
3	4693	1629	426	6748	523	6207	0	0	6135	6112	-930	18660	0	18660	2330	20990	49.98
4	4750	1474	414	6638	478	6211	0	0	6034	5901	-803	18425	0	18425	2201	20626	49.95
5	4799	1656	426	6881	417	6222	0	0	5986	5941	-758	18704	0	18704	2155	20858	49.94
6	4881	1838	426	7145	372	6210	0	0	6580	6607	-794	19540	0	19540	2188	21728	49.98
7	4962	1809	417	7188	248	6215	0	58	7114	7128	-722	20115	0	20115	2117	22232	50.03
8	5071	1333	426	6830	191	6200	0	269	6826	6895	-750	19634	0	19634	2150	21784	50.04
9	5105	1530	433	7068	200	6212	0	537	6569	6345	-843	19519	0	19519	2334	21853	49.98
10	5047	1778	401	7226	132	6203	0	784	6626	6501	-891	19955	0	19955	2545	22500	49.97
11	5054	1716	409	7179	131	6238	0	1030	6803	6611	-978	20212	0	20212	2678	22890	50.05
12	5013	1543	407	6963	156	6257	0	1056	7136	7262	-980	20714	0	20714	2728	23442	50.04
13	5063	1729	408	7200	103	6208	0	928	6790	6913	-968	20384	0	20384	2711	23096	50.04
14	5069	1861	407	7337	189	6234	0	772	6916	7055	-923	20664	0	20664	2666	23330	50.01
15	5071	2120	397	7588	495	6215	0	576	7262	7088	-1014	20948	0	20948	2773	23721	49.97
16	5181	1603	419	7203	639	6182	0	418	7500	7318	-1054	20706	0	20706	2814	23520	50.04
17	5246	781	409	6436	596	6242	0	245	6890	6665	-952	19232	0	19232	2712	21944	50.04
18	5328	536	411	6275	832	6238	0	91	6336	5801	-797	18440	0	18440	2541	20981	50.03
19	5008	398	411	5817	832	6082	0	13	6061	5710	-736	17718	0	17718	2373	20090	49.96
20	4785	498	423	5706	869	6074	0	0	5913	6046	-1145	17550	0	17550	2417	19967	49.97
21	4814	708	414	5936	641	6084	0	0	5767	5761	-1192	17230	0	17230	2461	19690	50.01
22	5138	909	433	6480	658	6231	0	0	5994	5909	-1065	18213	0	18213	2535	20748	49.97
23	5077	741	414	6232	536	6290	0	0	6499	6264	-951	18371	0	18371	2649	21020	49.95
24	4993	908	425	6326	376	6310	0	0	6644	6686	-1063	18635	0	18635	2733	21368	50.00
MUs	119.66	31.90	9.99	161.56	10.79	149.06	0.00	6.78	157.22	155.05	-22.33	460.91	0.00	460.91	59.94	520.84	50.00

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 06/May/2021

Position as on 6.30 Hrs of 07/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	07/05/2021	06.01	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	06/05/2021	14.12	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	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	06/05/2021	14.00		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	07/05/2021	14.28	07/05/2021	17.57	Turbine Trip	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2021

Statement-VII

Position as on 6.30 Hrs of 07/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
Dhule Sar'Sarovar I	InterState	06/05/2021	19.56	07/05/2021	09.05	HT	Over Voltage
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Nagothane - Dabhol I	IntraState	06/05/2021	09.32	06/05/2021	18.42	PO	Earth Wire replacement work
Akola II - Akola I Ckt-I	IntraState	06/05/2021	11.17	06/05/2021	21.46	PO	Replacement of protection CVT with new design CVTs as per OEM recommendation at akola 2 SS.
N.Koyna-Karad -Ckt I	IntraState	06/05/2021	12.48	06/05/2021	16.04	EO	Attending Hot Spot
Bus Coupler @ Kalwa	IntraState	06/05/2021	16.38	06/05/2021	18.25	EO	Attending Hot Spot
Chandrapur II- Warora ckt II	IntraState	07/05/2021	08.38	07/05/2021	15.09	PO	For conductor & Earthwire hardware tightening work if found any during monkey patrolling.
Nagothane - Dabhol I	IntraState	07/05/2021	09.08	07/05/2021	18.56	PO	Cold washing. E/W replacement work & Faulty string replacement work.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	07/05/2021	16.31	07/05/2021	21.13	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.
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	07/05/2021	08.50	07/05/2021	11.39	T	Due to failure of auxiliary AC supply 2 nos of both pump simultaneously tripped and turbulence created in oil which is trapped in buchholz and alarm indication appeared on Y & B phase.
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	07/05/2021	18.04	07/05/2021	20.06	EO	Attending Hot Spot
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)
Borivali - Tarapur	InterState	07/05/2021	10.41	07/05/2021	20.48	PO	Routine Maintenance Work
Chalishaon -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	06/05/2021	15.58	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Chikhli-Jalna-II	IntraState	26/04/2021	12.16	06/05/2021	16.01	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Khaparkheda-Ambazari-I	IntraState	06/05/2021	07.13	06/05/2021	15.08	PO	Line Maintenance work
Trombay Dharavi 6	IntraState	06/05/2021	08.25	06/05/2021	16.12	PO	Resagging
Nagothane - Posco	IntraState	06/05/2021	10.34	06/05/2021	19.08	PO	Insulator String replacement work
Lonikand1 (400 Kv)-Theur I	IntraState	06/05/2021	10.49	06/05/2021	12.55	EO	Attending Hot Spot
Koradi-Butibori Rly Tss	IntraState	06/05/2021	11.16	06/05/2021	13.58	PO	Fixing of damaged hanger of SSN of Y Phase
Deepnagar Khadaka 2	IntraState	06/05/2021	13.37	06/05/2021	15.45	EO	Attending Hot Spot
khaparkheda-Khaparkheda(new)-I	IntraState	07/05/2021	07.35	07/05/2021	19.34	PO	Shifting of 220kv khaparkheda old

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 06/May/2021

Statement-VII

Position as on 6.30 Hrs of 07/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							to khaparkheda new ckt 2 from old towers to newly constructed towers for height raising work for proposed coal pipe conveyor system of MSPGCL at TPS khaparkheda.
Kamba - Kolshet	IntraState	07/05/2021	08.47	07/05/2021	19.27	PO	Online stringing of OPGW cable on 220KV kamba kolshet line.
Padghe - Wada	IntraState	07/05/2021	09.31	07/05/2021	13.10	PO	Replacement of R phase jumper of A Bus & attending hot spot.
Nagothane - ACCIL	IntraState	07/05/2021	10.24	07/05/2021	19.17	PO	Insulator string replacement & jumper nut bolt tightening.
JATH SHEDYAL	IntraState	07/05/2021	10.24	07/05/2021	18.02	PO	Routine Maintenance Work
Uran - Kharghar I	IntraState	07/05/2021	10.50	07/05/2021	18.14	EO	Attending hot spot at loc no. 72, 44. Routine maintenance work.