

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.014	554.552	1) Gujrat	-3.154	-3.358
2) Hydro	9.528	91.247	2) Madhya Pradesh	8.123	53.580
3) Gas	6.711	33.313	3) Chattisgarh	5.950	29.500
Total MSPGCL	135.253	679.112	4) Maharashtra	156.194	784.108
B) 1) APLM	30.659	152.297	5) Goa (Amona)	-1.129	-6.347
2) JSWEL	18.635	103.110	Total	165.984	857.483
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.463	150.480
4) RPL(AMT)	25.403	136.949	b) Mumbai Drawl	26.251	133.666
5) SWPGPL	7.549	42.614	c) MSEDCL Bilateral *	42.320	250.757
6) Other IPP	8.576	45.847	Include PX	14.478	73.205
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.463	150.441
C) 1) TPCL Thermal	14.113	73.191	Include PX	15.124	85.531
2) TPCL Hydro	4.124	25.803	Standby	0.000	0.039
3) TPCL Gas	4.267	20.423	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.662	29.324	1) MSEDCL	376.966	1960.680
D) STATE			2) Mumbai Discoms	54.417	282.407
1) Thermal	229.611	1137.884	TOTAL STATE	431.383	2243.087
(A1+C1+C4+(B1-B6))					
2) Hydro	13.652	117.050			
(A2+C2)					
3) Gas	10.978	53.736			
(A3+B7+C3)					
4) Wind	4.960	44.372			
6) SOLAR	6.198	32.562			
TOTAL STATE	265.399	1385.604			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5049	4590	5485	4874
MSPGCL Hydro	340	236	349	454
MSPGCL Gas	286	285	285	288
MSPGCL Total Generation	5675	5111	6119	5616
Central Sector Receipt	7790	8629	6479	5897
WIND	61	321	297	220
CPP / IPP Thermal	3831	3375	4067	3833
CPP / IPP Gas	0	0	0	0
SOLAR	320	626	0	0
Exchange with Mumbai	-1076	-1317	-882	-1037
MSEDCL DEMAND MET	16601	16745	16080	14529
Load Shedding	0	0	0	0
MSEDCL DEMAND	16601	16745	16080	14529
TPCL GENERATION	772	935	1142	736
AEML GENERATION	250	250	251	251
MUMBAI DEMAND	2098	2502	2275	2024
STATE DEMAND MET	18699	19247	18355	16553
STATE DEMAND	18699	19247	18355	16553
Frequency (Hz)	50.01	50.03	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.03 Hrs	49.74 Hz at 21.20 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/Jun/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	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Unit 10	11.06	58.88	544	396
Total	11.06	58.88		
Bhusawal				
Unit 3	3.07	3.07	170	14
Unit 4	9.86	56.52	500	285
Unit 5	9.75	26.66	500	280
Total	22.68	86.26		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	1.96	1.96	215	0
Total	1.96	1.96		
Chandrapur				
Unit 3	3.30	16.38	146	120
Unit 4	1.07	13.10	131	0
Unit 5	9.61	47.25	425	275
Unit 6	9.39	47.53	411	290
Unit 7	0.00	0.00	0	0
Unit 8	11.76	58.86	495	488
Unit 9	9.29	19.34	466	2
Total	44.42	202.45		
Paras				
Unit 3	4.62	25.76	240	160
Unit 4	4.75	27.33	244	160
Total	9.37	53.09		
Khaparkheda				
Unit 1	2.04	12.38	100	60
Unit 2	3.92	20.18	190	115
Unit 3	4.00	21.28	205	135
Unit 4	3.87	19.46	210	135
Unit 5	11.66	57.56	500	450
Total	25.48	130.87		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	21.04	198	127
Unit 5	0.00	0.00	0	0
Total	4.05	21.04		
Uran				
All Units	6.71	33.31	290	269
Total	6.71	33.31		
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)	0.12	1.38	24	0
Total	0.12	1.38		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.35	18.41	255	35
Stage 4	0.68	28.24	402	0
Stage 3	0.78	11.02	80	0
Total	2.81	57.67		
Hydro				
KDPH	0.15	1.50	14	0
VTRNA	0.73	3.57	59	0
TILLARI	0.81	2.90	58	0
BHIRA T.R.	0.25	1.46	77	0
SMLHY_PTN	4.77	23.24	205	187
GHATGHAR	0.00	0.91	0	0
Total	6.72	33.58		
Wind				
Total	4.96	44.37	0	0
Total	4.96	44.37		
CPP				
APML(Mus)	30.66	152.30	0	0
JSWEL(Mus)	18.64	103.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.40	136.95	0	0
SWPGPL-Mus	7.55	42.61	0	0
Other(Mus)	8.58	45.85	0	0
Total	90.82	480.82		
SOLAR				
Total	6.20	32.56	0	0
Total	6.20	32.56		
Tata				
Trombay 5	8.98	47.00	429	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	12.77	117	102
Trombay 7B	1.57	7.65	67	62
Trombay 8	5.13	26.19	232	140
TATA Hydro	4.12	25.80	438	0
Total	22.50	119.42		
AEML				
DTPS U-1&2	5.66	29.32	251	147
Total	5.66	29.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.01	554.55	MSPGCL Total	135.25	679.11
			MSPGCL Thml+Gas	125.72	587.86	Koyna 1,2 & 4 Total	2.03	46.65
			MSPGCL Hydro	9.53	91.25	State Total	265.40	1385.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Jun/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	4667	1067	279	6013	110	3966	0	0	6065	5902	-1081	14910	0	14910	2412	17322	50.00
2	4789	797	288	5874	190	3873	0	0	6048	6020	-976	14981	0	14981	2261	17242	50.03
3	4790	452	279	5521	218	3833	0	0	6088	6121	-1060	14633	0	14633	2125	16758	50.02
4	4874	454	288	5616	220	3833	0	0	6046	5897	-1037	14529	0	14529	2024	16553	50.03
5	4932	443	289	5664	238	3751	0	0	6692	6245	-1036	14863	0	14863	1959	16822	50.03
6	4749	392	279	5420	252	3701	0	1	7483	7506	-1195	15685	0	15685	1948	17633	50.02
7	5092	319	278	5689	281	3831	0	29	7517	7360	-1055	16135	0	16135	1901	18036	50.03
8	5094	332	278	5704	123	3844	0	152	7849	7511	-859	16475	0	16475	1952	18427	50.03
9	5049	340	286	5675	61	3831	0	320	7632	7790	-1076	16601	0	16601	2098	18699	50.01
10	5126	337	276	5739	60	3899	0	507	7602	7508	-1327	16386	0	16386	2288	18674	50.05
11	4750	299	273	5322	90	3661	0	819	8259	7519	-1328	16083	0	16083	2428	18511	50.03
12	4297	278	269	4844	63	3440	0	951	8264	7835	-1315	15818	0	15818	2468	18286	49.97
13	4242	305	280	4827	81	3353	0	944	7890	7947	-1316	15836	0	15836	2451	18287	49.96
14	4371	322	279	4972	124	3373	0	821	7598	7791	-1285	15796	0	15796	2437	18233	49.99
15	4590	236	285	5111	321	3375	0	626	8037	8629	-1317	16745	0	16745	2502	19247	50.03
16	4665	278	272	5215	281	3387	0	495	8058	8116	-1271	16223	0	16223	2503	18726	50.04
17	4752	428	270	5450	305	3431	0	348	7312	7292	-1129	15697	0	15697	2409	18106	50.00
18	4835	340	275	5450	240	3721	0	159	6516	6564	-848	15286	0	15286	2306	17592	50.05
19	5094	319	290	5703	338	3896	0	26	5945	6490	-826	15627	0	15627	2206	17833	50.03
20	5485	349	285	6119	297	4067	0	0	6140	6479	-882	16080	0	16080	2275	18355	50.03
21	5675	345	281	6301	315	4198	0	0	5864	5838	-834	15818	0	15818	2313	18131	49.98
22	5694	382	276	6352	297	4176	0	0	5831	5461	-873	15413	0	15413	2332	17745	49.87
23	5734	356	286	6376	237	4182	0	0	6121	5869	-1071	15593	0	15593	2379	17972	49.92
24	5668	358	270	6296	218	4199	0	0	6269	6294	-1254	15753	0	15753	2440	18193	50.02
MUs	119.01	9.53	6.71	135.25	4.96	90.82	0.00	6.20	167.13	165.98	-26.25	376.97	0.00	376.97	54.42	431.38	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/Jun/2021

Position as on 6.30 Hrs of 06/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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 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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
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	Bhusawal Unit 3	210	04/05/2021	20.00	05/06/2021	00.05	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	Parli Unit 8	250	06/05/2021	19.45	05/06/2021	09.28	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.	
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 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
MSPGCL	Koradi Unit-8	660	25/05/2021	03.52		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	31/05/2021	21.59		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	01/06/2021	23.57	05/06/2021	00.58	Boiler Validity Renevoation	
IPP	RPL(AMT) U-5	270	02/06/2021	14.29	05/06/2021	09.13	Bottom ash problem	
MSPGCL	Chandrapur Unit 4	210	03/06/2021	23.20	05/06/2021	13.37	Air heater problem	

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

Statement-VII

Position as on 6.30 Hrs of 06/Jun/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
Alkud-Solapur(PG)	InterState	05/06/2021	10.50	05/06/2021	14.57	PO	Outage required for replacement of polymer insulator at tower No: 24 & 142
Akola Wardha I	InterState	06/06/2021	15.55	06/06/2021	17.26	T	Line tripped at Wardha PG end only
Akola Aurangabad(PG) II	InterState	06/06/2021	15.55	06/06/2021	17.48	T	Line Tripped at Akola end only
Akola Aurangabad(PG) I	InterState	06/06/2021	15.55	06/06/2021	17.39	T	Line tripped at Akola end only
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Jaigad-New Koyna Ckt-I	IntraState	05/06/2021	08.56	05/06/2021	18.14	PO	Routine Maintenance Work
Chandrapur-Parali III	IntraState	05/06/2021	10.10	05/06/2021	18.28	PO	Pre-monsoon maintenance work.
Koradi-Bhusawal	IntraState	05/06/2021	14.09	05/06/2021	14.44	T	DT received at khadka end. koradi=line reactor back up impedance prot optd.
Kalwa - Talegaon(PG)	IntraState	06/06/2021	06.00	06/06/2021	16.19	PO	Conductor replacement work
Koradi-Bhusawal	IntraState	06/06/2021	16.38	06/06/2021	17.14	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.(FTC DT 16/08/2021 At 14.42)
400/220kv 315MVA ICT 2 @ Chandrapur GCR	IntraState	03/06/2021	09.30		Continued.	PO	Testing Work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	04/06/2021	22.06	05/06/2021	00.43	T	PRV
400/220 kv 167 MVA Spare ICT @Deepnagar	IntraState	05/06/2021	11.58	05/06/2021	16.19	PO	Premonsoon Maintenance work & HV LV bushing winding tan delta testing work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	05/06/2021	12.41	05/06/2021	18.08	PO	Painting work of 400/220kv 3X105MVA ICT-I
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	05/06/2021	13.15	05/06/2021	17.46	PO	CB diagnostic testing work.
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)
Vasai Kamba	IntraState	04/06/2021	11.55	05/06/2021	03.38	T	Distance Protection
Satana-Gangapur	IntraState	05/06/2021	06.13	05/06/2021	09.05	T	R PH jumper open at Gangapur end.
Deepnagar Bambhori	IntraState	05/06/2021	08.47	05/06/2021	16.56	PO	Replacement of antifog disc insulator string at T.L.no.25,41,47,49,89.
Nalasopara-Boisar	IntraState	05/06/2021	09.10	05/06/2021	12.12	PO	Replacement of decapped and hanging pilot insulator string at loc. No. 187
Trombay Carnac 5	IntraState	05/06/2021	09.58	05/06/2021	19.14	PO	Resagging of conductor
Osmanabad - Solapur (Bale)	IntraState	05/06/2021	10.29	05/06/2021	15.47	PO	"1) Refixing of arcing horn at loc.140 B phase. 2) Armouring work at loc.140 Y-phase."
TOPWORTH VILEBHAGAD	IntraState	05/06/2021	12.30	05/06/2021	17.56	PO	Lightening arrestor replacement at 220kv EHV MSL consumer .
Bapgaon - Kalwa	IntraState	05/06/2021	12.31	05/06/2021	15.08	EO	Hot spot attending work at Y-phase CT (Temp.99 deg Cel)

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 05/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 06/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dahanu-Viraj	IntraState	05/06/2021	12.38	05/06/2021	15.39	PO	Pre-monsoon maintenance work.
TALEGAON - TALEGAON ambi (PG)-I	IntraState	05/06/2021	13.40	05/06/2021	18.22	PO	Half yearly maintenance work
Sonkhar - Trombay	IntraState	05/06/2021	13.50	05/06/2021	19.48	PO	Bus section outage.
Boisar-Viraj	IntraState	05/06/2021	15.45	05/06/2021	18.27	PO	Pre-monsoon maintenance work.
Trombay Carnac 5	IntraState	06/06/2021	09.28	06/06/2021	18.13	PO	Resagging of Conductor
Wardha-Yeotmal	IntraState	06/06/2021	15.54	06/06/2021	18.06	EO	To attend Hot Spot
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.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	05/06/2021	09.17	05/06/2021	11.32	T	Pre-monsoon maintenance work.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	05/06/2021	13.52	05/06/2021	21.02	PO	Bus section outage.
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	05/06/2021	14.16	05/06/2021	17.30	T	Oil top up in ICT.
Dharavi : 220 / 110 / 33 250 MVA ICT 10	IntraState	06/06/2021	09.40	06/06/2021	15.17	PO	Routine Maintenance Work

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