

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jun/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.413	1873.573	1) Gujrat	-5.205	28.355
2) Hydro	10.725	256.075	2) Madhya Pradesh	4.077	130.084
3) Gas	6.023	144.546	3) Chattisgarh	6.690	114.290
Total MSPGCL	91.161	2274.194	4) Maharashtra	123.147	2691.439
B) 1) APLM	65.189	709.971	5) Goa (Amona)	-1.495	-26.342
2) JSWEL	21.083	384.585	Total	127.214	2937.826
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.777	538.011
4) RPL(AMT)	21.992	486.198	b) Mumbai Drawl	24.883	479.613
5) SWPGPL	2.857	89.719	c) MSEDCL Bilateral *	33.834	772.839
6) Other IPP	7.627	155.999	Include PX	5.214	202.177
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.777	537.972
C) 1) TPCL Thermal	13.566	258.811	Include PX	14.650	292.277
2) TPCL Hydro	3.187	77.244	Standby	0.000	0.039
3) TPCL Gas	3.880	77.080	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.109	103.461	1) MSEDCL	365.353	7303.104
D) STATE			2) Mumbai Discoms	50.625	996.209
1) Thermal	211.836	4062.317	TOTAL STATE	415.978	8299.313
(A1+C1+C4+(B1-B6))					
2) Hydro	13.912	333.319			
(A2+C2)					
3) Gas	9.903	221.626			
(A3+B7+C3)					
4) Wind	46.170	617.363			
6) SOLAR	6.943	126.862			
TOTAL STATE	288.764	5361.487			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3337	2924	3270	3100
MSPGCL Hydro	393	347	614	461
MSPGCL Gas	262	240	241	254
MSPGCL Total Generation	3992	3511	4125	3815
Central Sector Receipt	6274	5994	5354	4867
WIND	1311	2292	2224	1616
CPP / IPP Thermal	5308	4364	4986	4396
CPP / IPP Gas	0	0	0	0
SOLAR	715	898	0	0
Exchange with Mumbai	-1032	-1257	-1221	-656
MSEDCL DEMAND MET	16568	15802	15468	14038
Load Shedding	0	0	0	0
MSEDCL DEMAND	16568	15802	15468	14038
TPCL GENERATION	972	933	810	851
AEML GENERATION	251	250	151	251
MUMBAI DEMAND	2255	2440	2182	1758
STATE DEMAND MET	18823	18242	17650	15796
STATE DEMAND	18823	18242	17650	15796
Frequency (Hz)	50.05	50.01	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08.01 Hrs	49.79 Hz at 14.14 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 19/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	3.87	0	0
Unit 9	10.41	129.04	490	376
Unit 10	9.72	204.48	460	365
Total	20.13	337.38		
Bhusawal				
Unit 3	0.00	9.52	0	0
Unit 4	0.00	103.37	0	0
Unit 5	0.00	73.02	0	0
Total	0.00	185.90		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	10.27	0	0
Total	0.00	10.27		
Chandrapur				
Unit 3	3.27	37.24	148	125
Unit 4	3.49	63.72	179	115
Unit 5	5.66	162.70	340	140
Unit 6	7.81	164.31	380	280
Unit 7	0.00	0.00	0	0
Unit 8	10.42	171.36	470	339
Unit 9	10.23	159.27	449	329
Total	40.87	758.59		
Paras				
Unit 3	0.00	42.62	0	0
Unit 4	0.00	47.54	0	0
Total	0.00	90.17		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	0.00	57.47	0	0
Unit 3	0.00	63.60	0	0
Unit 4	0.00	62.78	0	0
Unit 5	10.15	208.99	480	300
Total	10.15	420.93		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.26	70.33	198	122
Unit 5	0.00	0.00	0	0
Total	3.26	70.33		
Uran				
All Units	6.02	144.55	274	237
Total	6.02	144.55		
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)	0.55	7.87	27	11
Total	0.55	7.87		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.59	50.66	190	35
Stage 4	0.00	46.52	0	0
Stage 3	1.62	27.87	80	0
Total	3.21	125.05		
Hydro				
KDPH	0.77	2.27	32	32
VTRNA	0.78	14.70	59	0
TILLARI	1.06	13.30	58	0
BHIRA T.R.	0.39	5.12	80	0
SMLHY_PTN	4.51	91.44	195	183
GHATGHAR	0.00	4.21	0	0
Total	7.51	131.03		
Wind				
Total	46.17	617.36	0	0
Total	46.17	617.36		
CPP				
APML(Mus)	65.19	709.97	0	0
JSWEL(Mus)	21.08	384.58	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.99	486.20	0	0
SWPGPL-Mus	2.86	89.72	0	0
Other(Mus)	7.63	156.00	0	0
Total	118.75	1826.47		
SOLAR				
Total	6.94	126.86	0	0
Total	6.94	126.86		
Tata				
Trombay 5	9.07	167.94	453	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	48.29	117	82
Trombay 7B	1.48	28.79	68	56
Trombay 8	4.50	90.87	226	138
TATA Hydro	3.19	77.24	240	13
Total	20.63	413.14		
AEMIL				
DTPS U-1&2	5.11	103.46	252	146
Total	5.11	103.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	74.41	1873.57	MSPGCL Total	91.16	2274.19
			MSPGCL Thml+Gas	80.44	2018.12	Koyna 1,2 & 4 Total	1.59	97.18
			MSPGCL Hydro	10.72	256.08	State Total	288.76	5361.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	3193	462	243	3898	1832	5146	0	0	4777	4551	-969	14458	0	14458	2131	16589	50.01
2	3174	454	264	3892	1838	4735	0	0	4708	4632	-845	14252	0	14252	1977	16229	50.05
3	3086	459	255	3800	1667	4506	0	0	4777	4750	-732	13992	0	13992	1841	15832	50.02
4	3100	461	254	3815	1616	4396	0	0	4818	4867	-656	14038	0	14038	1758	15796	50.02
5	3107	429	255	3791	1596	4428	0	0	4886	5242	-601	14456	0	14456	1708	16164	50.00
6	3228	436	254	3918	1386	4972	0	0	5252	5326	-619	14983	0	14983	1742	16725	49.98
7	3239	393	254	3886	1250	5634	0	54	6203	6337	-647	16514	0	16514	1745	18258	49.93
8	3291	388	254	3933	1232	5687	0	215	6283	6243	-722	16588	0	16588	1842	18430	50.01
9	3329	397	243	3969	1141	5598	0	451	6202	5944	-845	16258	0	16258	2046	18304	50.04
10	3337	393	262	3992	1311	5308	0	715	6245	6274	-1032	16568	0	16568	2255	18823	50.05
11	3438	446	240	4124	1719	5090	0	729	6204	5678	-1187	16154	0	16154	2406	18560	50.03
12	3262	396	260	3918	1926	4658	0	887	6021	5804	-1202	15990	0	15990	2409	18400	49.99
13	2924	347	240	3511	2292	4364	0	898	5963	5994	-1257	15802	0	15802	2440	18242	50.01
14	2722	318	249	3289	2082	4371	0	914	5817	5910	-1434	15132	0	15132	2351	17483	50.01
15	2682	487	237	3406	2450	4380	0	776	5722	5704	-1471	15245	0	15245	2355	17600	49.94
16	2931	440	240	3611	2719	4404	0	629	5616	5158	-1462	15059	0	15059	2350	17409	50.03
17	2682	580	253	3515	2711	4406	0	436	5204	5385	-1408	15045	0	15045	2296	17341	49.98
18	2997	525	251	3773	2696	4515	0	214	5047	4974	-1293	14879	0	14879	2202	17081	49.97
19	3181	489	252	3922	2403	4548	0	25	4929	4951	-1206	14643	0	14643	2135	16778	50.02
20	3270	614	241	4125	2224	4986	0	0	5078	5354	-1221	15468	0	15468	2182	17650	49.99
21	3215	540	252	4007	2260	5534	0	0	4629	4412	-1002	15212	0	15212	2179	17390	50.04
22	3024	481	253	3758	2196	5635	0	0	4459	4709	-1054	15244	0	15244	2083	17327	50.03
23	2985	396	243	3624	1939	5670	0	0	4258	4688	-1104	14818	0	14818	2100	16918	50.04
24	3016	394	274	3684	1684	5776	0	0	4340	4327	-914	14557	0	14557	2092	16649	50.02
MUs	74.41	10.73	6.02	91.16	46.17	118.75	0.00	6.94	127.44	127.21	-24.88	365.35	0.00	365.35	50.62	415.98	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 19/Jun/2021

Position as on 6.30 Hrs of 20/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.	
MSPGCL	Khaparkhedha Unit 1	210	11/06/2021	23.58		Continued.	Annual Overhaul	
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	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	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	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
IPP	SWPGPL U-4	135	08/06/2021	00.04		Continued.	Zero Schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	08/06/2021	00.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	08/06/2021	13.15		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	10/06/2021	16.00		Continued.	Zero scheduled given by MSEDCL	
MSPGCL	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkhedha Unit 2	210	17/06/2021	00.27		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	17/06/2021	02.42		Continued.	Stator earth fault.	
MSPGCL	Khaparkhedha Unit 3	210	17/06/2021	02.54		Continued.	Zero Schedule.	
MSPGCL	Khaparkhedha Unit 4	210	17/06/2021	15.54		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Jun/2021

Position as on 6.30 Hrs of 20/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	19/06/2021	20.35	20/06/2021	22.49	Heater spray problem.	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 20/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
Warora -IEPL	IntraState	18/06/2021	07.28		Continued.	PO	Shifting of Line on Newly erected Tower
koaradi II - Wardha(PG)	IntraState	18/06/2021	08.26		Continued.	PO	Shifting of Line on Newly erected Tower
Khadka-Aurangabad (Waluj)	IntraState	18/06/2021	20.22	19/06/2021	06.28	HT	Over Voltage
karad -kolhapur-II	IntraState	19/06/2021	01.05	20/06/2021	09.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/06/2021	18.58	20/06/2021	06.45	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	19/06/2021	20.11		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	20/06/2021	09.41	20/06/2021	18.52	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	20/06/2021	21.56		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	20/06/2021	22.37		Continued.	HT	Over Voltage
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-III @ Kharghar	IntraState	19/06/2021	09.00	19/06/2021	14.35	PO	For premonsoon activity i.e. polythene wrapping to Buchholz PRV etc. For pre-monsoon activity i.e. polythene wrapping to Buchholz PRV etc.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	19/06/2021	11.15	19/06/2021	17.15	PO	LTS relay retrofitting 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)
Tillari Amona	InterState	20/06/2021	22.50		Continued.	EO	To attend Hot Spot
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05		Continued.	PO	In Pointing Y-Ph Cable Sheath Fault Between Section JC-14 To JC-16.(sock test at 22.54 dt.03/07/21)
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25		Continued.	T	Distance Protection (Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
Waluj - Degaon Rangari	IntraState	19/06/2021	06.12	19/06/2021	11.12	HT	R-Ph WT jumper removes at Aurangabad end.
BHIRA (T) - KARANJADE CKT - 7	IntraState	19/06/2021	09.51	19/06/2021	19.50	PO	Conductor replacement in span 136 -137 DFCC work.
Malegaon-Sayne	IntraState	19/06/2021	14.05	19/06/2021	16.33	PO	Quarterly Maintainance Work
Uran - Kharghar 2	IntraState	20/06/2021	15.57	20/06/2021	22.17	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19	20/06/2021	00.30	T	ICT Failed due to internal fault.
220kv 200MVA ICT IV @ OCR Nashik	IntraState	19/06/2021	10.04	19/06/2021	14.15	PO	Fire protection system through maintenance, testing & trials

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