

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.849	2553.713	1) Gujrat	1.041	24.118
2) Hydro	10.867	351.718	2) Madhya Pradesh	4.448	172.370
3) Gas	6.421	185.023	3) Chattisgarh	4.500	152.880
Total MSPGCL	120.137	3090.454	4) Maharashtra	124.039	3540.864
B) 1) APLM	72.230	1199.778	5) Goa (Amona)	-0.920	-37.540
2) JSWEL	20.895	525.676	Total	133.108	3852.692
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.781	749.175
4) RPL(AMT)	22.624	662.468	b) Mumbai Drawl	25.384	671.462
5) SWPGPL	2.844	109.707	c) MSEDCL Bilateral *	33.548	1000.235
6) Other IPP	8.363	215.694	Include PX	4.111	225.359
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.781	747.933
C) 1) TPCL Thermal	14.265	355.555	Include PX	15.280	405.175
2) TPCL Hydro	4.211	108.027	Standby	0.000	1.243
3) TPCL Gas	2.159	98.408	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.513	141.012	1) MSEDCL	396.128	10049.344
D) STATE			2) Mumbai Discoms	51.532	1374.460
1) Thermal	249.583	5763.603	TOTAL STATE	447.660	11423.804
(A1+C1+C4+(B1-B6))					
2) Hydro	15.078	459.745			
(A2+C2)					
3) Gas	8.580	283.431			
(A3+B7+C3)					
4) Wind	35.864	895.171			
6) SOLAR	5.447	169.166			
TOTAL STATE	314.552	7571.116			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4492	4275	4406	4200
MSPGCL Hydro	623	485	834	273
MSPGCL Gas	264	260	264	273
MSPGCL Total Generation	5379	5020	5504	4746
Central Sector Receipt	6448	5687	4843	5118
WIND	1435	1886	1568	1298
CPP / IPP Thermal	5360	5610	5527	4914
CPP / IPP Gas	0	0	0	0
SOLAR	567	564	10	0
Exchange with Mumbai	-1225	-1202	-1010	-976
MSEDCL DEMAND MET	17964	17565	16442	15100
Load Shedding	0	0	0	0
MSEDCL DEMAND	17964	17565	16442	15100
TPCL GENERATION	979	964	983	554
AEML GENERATION	248	249	249	145
MUMBAI DEMAND	2452	2415	2242	1675
STATE DEMAND MET	20416	19980	18684	16775
STATE DEMAND	20416	19980	18684	16775
Frequency (Hz)	50.02	49.98	49.89	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22.01 Hrs	49.75 Hz at 19.45 Hrs	49.99	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 26/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	9.58	69.73	500	281
Unit 9	9.44	205.94	452	359
Unit 10	8.00	275.93	379	304
Total	27.03	551.60		
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	3.48	61.00	150	122
Unit 4	3.84	90.77	167	115
Unit 5	9.00	213.62	410	315
Unit 6	9.03	226.32	385	320
Unit 7	0.00	0.00	0	0
Unit 8	10.26	245.03	447	410
Unit 9	10.33	229.02	460	385
Total	45.94	1065.75		
Paras				
Unit 3	4.07	56.67	220	155
Unit 4	0.00	47.54	0	0
Total	4.07	104.21		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	2.98	70.14	185	115
Unit 3	3.50	78.24	200	135
Unit 4	3.56	77.52	200	140
Unit 5	11.91	285.98	500	463
Total	21.96	539.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.86	96.00	197	126
Unit 5	0.00	0.00	0	0
Total	3.86	96.00		
Uran				
All Units	6.42	185.02	295	259
Total	6.42	185.02		
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)	0.16	10.30	25	0
Total	0.16	10.30		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.42	69.49	440	40
Stage 4	0.11	65.05	110	0
Stage 3	0.92	38.79	80	0
Total	3.45	173.33		
Hydro				
KDPH	0.79	7.76	33	33
VTRNA	0.00	17.54	0	0
TILLARI	0.17	17.02	58	0
BHIRA T.R.	0.43	7.70	80	0
SMLHY_PTN	4.68	122.26	207	189
GHATGHAR	1.34	6.10	125	0
Total	7.42	178.39		
Wind				
Total	35.86	895.17	0	0
Total	35.86	895.17		
CPP				
APML(Mus)	72.23	1199.78	0	0
JSWEL(Mus)	20.90	525.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.62	662.47	0	0
SWPGPL-Mus	2.84	109.71	0	0
Other(Mus)	8.36	215.69	0	0
Total	126.96	2713.32		
SOLAR				
Total	5.45	169.17	0	0
Total	5.45	169.17		
Tata				
Trombay 5	9.42	233.06	472	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	60.96	51	49
Trombay 7B	0.98	37.45	42	40
Trombay 8	4.84	122.49	226	137
TATA Hydro	4.21	108.03	261	48
Total	20.64	561.99		
AEMIL				
DTPS U-1&2	5.51	141.01	250	144
Total	5.51	141.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.85	2553.71	MSPGCL Total	120.14	3090.45
			MSPGCL Thml+Gas	109.27	2738.74	Koyna 1,2 & 4 Total	2.53	134.54
			MSPGCL Hydro	10.87	351.72	State Total	314.55	7571.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4132	269	272	4673	1217	5690	0	0	4553	4511	-1036	15055	0	15055	2001	17056	50.02
2	4150	267	273	4690	1191	5351	0	0	4799	4671	-895	15008	0	15008	1888	16896	50.04
3	4168	276	273	4717	1181	5135	0	0	4746	4972	-901	15104	0	15104	1783	16887	50.03
4	4239	270	274	4783	1302	4966	0	0	4909	5037	-1007	15081	0	15081	1708	16789	50.06
5	4200	273	273	4746	1298	4914	0	0	4895	5118	-976	15100	0	15100	1675	16775	50.01
6	4191	264	273	4728	1341	5282	0	0	5803	5879	-975	16255	0	16255	1729	17984	49.99
7	4275	275	295	4845	1395	5578	0	38	6457	6527	-923	17460	0	17460	1757	19217	49.99
8	4268	318	273	4859	1557	5150	0	166	6606	6783	-777	17738	0	17738	1888	19626	50.06
9	4315	330	269	4914	1596	5010	0	334	6533	6936	-898	17892	0	17892	2080	19972	50.02
10	4367	557	266	5190	1629	5010	0	464	6473	6560	-1102	17751	0	17751	2306	20057	49.95
11	4492	623	264	5379	1435	5360	0	567	6265	6448	-1225	17964	0	17964	2452	20416	50.02
12	4528	563	262	5353	1362	5265	0	566	6401	6232	-1224	17554	0	17554	2488	20042	50.00
13	4452	562	259	5273	1307	5012	0	627	6411	6338	-1195	17362	0	17362	2452	19814	49.95
14	4318	695	260	5273	1458	4945	0	731	6214	5878	-1163	17122	0	17122	2380	19502	49.98
15	4277	511	259	5047	1602	5229	0	664	6029	5960	-1176	17326	0	17326	2393	19719	49.91
16	4275	485	260	5020	1886	5610	0	564	5946	5687	-1202	17565	0	17565	2415	19980	49.98
17	4230	484	262	4976	2093	5415	0	380	5888	5212	-1172	16904	0	16904	2358	19262	49.99
18	4033	439	262	4734	2222	4874	0	252	5535	5612	-1075	16619	0	16619	2284	18903	49.99
19	4199	813	262	5274	2059	4905	0	84	5065	5073	-1004	16391	0	16391	2220	18611	49.96
20	4406	834	264	5504	1568	5527	0	10	4980	4843	-1010	16442	0	16442	2242	18684	49.89
21	4475	633	266	5374	1564	5684	0	0	4833	4480	-1031	16071	0	16071	2284	18355	50.01
22	4482	411	266	5159	1335	5758	0	0	4710	4601	-1006	15847	0	15847	2250	18097	50.00
23	4223	353	267	4843	1104	5591	0	0	4755	4909	-1110	15337	0	15337	2240	17577	50.01
24	4154	362	267	4783	1162	5695	0	0	4741	4841	-1301	15180	0	15180	2259	17439	49.98
MUs	102.85	10.87	6.42	120.14	35.86	126.96	0.00	5.45	133.55	133.11	-25.38	396.13	0.00	396.13	51.53	447.66	49.99

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 26/Jun/2021

Position as on 6.30 Hrs of 27/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkheda 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-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	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	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
MSPGCL	Uran Unit 6	108	23/06/2021	16.10		Continued.	Gas shortage	
IPP	SWPGPL U-2	135	25/06/2021	01.22		Continued.	ID Fan High Vibration.(unit under zero schedule from 04.00 hrs on dt. 25.06.2021.)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 27/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
Dhule Khandwa II	InterState	26/06/2021	08.56	26/06/2021	18.54	PO	Testing Work
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	26/06/2021	01.16	PO	Shifting of Line on Newly erected Tower
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Lonikand 1 - Talegaon(Pgcil)	IntraState	25/06/2021	19.05	26/06/2021	05.06	EO	CVT Jumper Replacement(while charging of line at 21.51hrs but tripped on Distance Protection)
Kalwa - Talegaon(PG)	IntraState	26/06/2021	07.07	26/06/2021	21.07	PO	Conductor replacement work.
Khadka-Aurangabad (Waluj)	IntraState	26/06/2021	22.24		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	27/06/2021	06.43	27/06/2021	17.53	PO	Y Phase conductor replacement
New Koyna - Koyna Stage IV-II	IntraState	27/06/2021	09.17	27/06/2021	12.40	EO	Y phase Wave Trap Jump replacement
Girwali- Lonikand 2	IntraState	27/06/2021	09.57	27/06/2021	16.52	PO	Hardware tightening and fitting work
Warora-Tirora-I	IntraState	27/06/2021	13.06	27/06/2021	16.02	EO	To attend Hot Spot
Warora-Tirora-II	IntraState	27/06/2021	16.29	27/06/2021	19.30	EO	To attend Hot Spot
Karad-Jaigad - I	IntraState	27/06/2021	20.01		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)
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	26/06/2021	17.03	26/06/2021	22.18	HT	Due to heavy sparking.
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)
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.
BHIRA (T) - KARANJADE CKT - 8	IntraState	21/06/2021	07.16		Continued.	PO	Conductor replacement in span 136 -137 DFCC work.
Uran - Kharghar 2	IntraState	23/06/2021	13.27	27/06/2021	00.32	PO	To carry out the new inline tower erection at loc no.47 for height raising work.
karad - Dasgaon	IntraState	26/06/2021	10.39	26/06/2021	15.41	PO	Jumper replacement work at Loc no.17 & 18.
Kharepatan -Pawas Line	IntraState	26/06/2021	10.50	26/06/2021	19.58	PO	Testing Work
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	26/06/2021	11.00	26/06/2021	16.09	PO	200kv 89A & 89B Isolator alignment work.
Nerle - Dasgaon	IntraState	26/06/2021	15.56	26/06/2021	20.19	PO	Jumper replacement work at Loc no.18.
Jamde-Dondaicha 1	IntraState	26/06/2021	22.25	26/06/2021	23.15	T	Distance Protection
Valve-Jamde	IntraState	26/06/2021	22.25	27/06/2021	16.32	T	Y Ph CT burst of jamade ckt at valve end.
Dhule - Dondaicha Ckt	IntraState	26/06/2021	22.25	26/06/2021	23.16	T	Distance Protection
BHUGAON WARORA CKT-II	IntraState	27/06/2021	08.58	27/06/2021	16.16	EO	To attend Hot Spot
BHUGAON WARORA CKT-I	IntraState	27/06/2021	09.51	27/06/2021	14.48	EO	To attend Hot Spot

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 26/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay Salsette 1 Backbay	IntraState	27/06/2021	10.23	27/06/2021	15.52	PO	Girder launching in Tagore Nagar
Kandalgaon - Sona Alloys	IntraState	27/06/2021	10.52	27/06/2021	12.00	PO	Replacement of damaged conductor
Gadchandur-Ultratech I	IntraState	27/06/2021	16.12	27/06/2021	16.36	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	26/06/2021	22.25	26/06/2021	23.00	T	Y Ph CT burst of jamade ckt at valve end.
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	26/06/2021	22.25	26/06/2021	22.58	T	Y Ph CT burst of jamade ckt at valve end.
220/132 Kv 100 Mva Cgl lct 1 @Dondaicha	IntraState	26/06/2021	22.25	26/06/2021	23.19	T	Distance Protection

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