

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jun/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.651	2658.364	1) Gujrat	-1.013	23.105
2) Hydro	8.276	359.994	2) Madhya Pradesh	6.440	178.810
3) Gas	6.543	191.566	3) Chattisgarh	5.510	158.390
Total MSPGCL	119.470	3209.924	4) Maharashtra	125.454	3666.318
B) 1) APML	64.192	1263.970	5) Goa (Amona)	-0.682	-38.222
2) JSWEL	20.263	545.939	Total	135.709	3988.401
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.661	775.837
4) RPL(AMT)	18.786	681.254	b) Mumbai Drawl	22.421	693.883
5) SWPGPL	2.860	112.567	c) MSEDCL Bilateral *	31.471	1031.706
6) Other IPP	7.248	222.942	Include PX	3.624	228.983
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.661	774.594
C) 1) TPCL Thermal	13.323	368.878	Include PX	12.906	418.081
2) TPCL Hydro	3.803	111.830	Standby	0.000	1.243
3) TPCL Gas	2.252	100.660	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.113	146.125	1) MSEDCL	374.762	10424.106
D) STATE			2) Mumbai Discoms	46.910	1421.370
1) Thermal	236.436	6000.039	TOTAL STATE	421.672	11845.476
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	12.079	471.824			
3) Gas (A3+B7+C3)	8.795	292.226			
4) Wind	24.462	919.633			
6) SOLAR	4.193	173.359			
TOTAL STATE	285.965	7857.081			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4554	4419	4581	4401
MSPGCL Hydro	404	443	464	288
MSPGCL Gas	271	270	271	272
MSPGCL Total Generation	5229	5132	5316	4961
Central Sector Receipt	6678	6730	5380	4541
WIND	1133	675	1055	678
CPP / IPP Thermal	4684	4340	4591	4672
CPP / IPP Gas	0	0	0	0
SOLAR	261	544	0	0
Exchange with Mumbai	-788	-845	-1106	-1172
MSEDCL DEMAND MET	17197	16576	15236	13680
Load Shedding	0	0	0	0
MSEDCL DEMAND	17197	16576	15236	13680
TPCL GENERATION	905	957	729	718
AEML GENERATION	250	249	144	144
MUMBAI DEMAND	1943	2051	1979	2034
STATE DEMAND MET	19140	18627	17215	15714
STATE DEMAND	19140	18627	17215	15714
Frequency (Hz)	49.97	49.98	49.91	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 16.03 Hrs	49.75 Hz at 04.23 Hrs	49.98	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 27/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	11.25	80.98	536	371
Unit 9	10.83	216.78	504	370
Unit 10	10.66	286.58	502	300
Total	32.74	584.34		
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	3.29	64.29	146	121
Unit 4	3.53	94.30	166	118
Unit 5	8.20	221.82	400	280
Unit 6	8.23	234.56	385	285
Unit 7	0.00	0.00	0	0
Unit 8	10.51	255.54	470	415
Unit 9	10.67	239.69	461	408
Total	44.44	1110.19		
Paras				
Unit 3	3.84	60.51	169	157
Unit 4	0.00	47.54	0	0
Total	3.84	108.05		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	2.80	72.93	120	115
Unit 3	3.28	81.52	145	132
Unit 4	3.24	80.76	135	135
Unit 5	11.13	297.11	500	300
Total	20.45	560.42		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.18	99.18	143	127
Unit 5	0.00	0.00	0	0
Total	3.18	99.18		
Uran				
All Units	6.54	191.57	284	267
Total	6.54	191.57		
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)	0.52	10.82	27	11
Total	0.52	10.82		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.69	71.18	310	40
Stage 4	0.00	65.05	0	0
Stage 3	0.77	39.55	80	0
Total	2.46	175.78		
Hydro				
KDPH	0.79	8.55	33	33
VTRNA	0.00	17.54	0	0
TILLARI	0.17	17.20	58	0
BHIRA T.R.	0.44	8.14	80	0
SMLHY_PTN	4.41	126.67	203	15
GHATGHAR	0.00	6.10	0	0
Total	5.82	184.21		
Wind				
Total	24.46	919.63	0	0
Total	24.46	919.63		
CPP				
APML(Mus)	64.19	1263.97	0	0
JSWEL(Mus)	20.26	545.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.79	681.25	0	0
SWPGPL-Mus	2.86	112.57	0	0
Other(Mus)	7.25	222.94	0	0
Total	113.35	2826.67		
SOLAR				
Total	4.19	173.36	0	0
Total	4.19	173.36		
Tata				
Trombay 5	9.02	242.09	473	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.24	62.19	53	49
Trombay 7B	1.02	38.47	43	40
Trombay 8	4.30	126.79	224	136
TATA Hydro	3.80	111.83	204	92
Total	19.38	581.37		
AEML				
DTPS U-1&2	5.11	146.12	250	143
Total	5.11	146.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.65	2658.36	MSPGCL Total	119.47	3209.92
			MSPGCL Thml+Gas	111.19	2849.93	Koyna 1,2 & 4 Total	1.69	136.23
			MSPGCL Hydro	8.28	359.99	State Total	285.96	7857.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4186	361	267	4814	1274	5333	0	0	5171	5081	-1257	15245	0	15245	2176	17421	50.02
2	4243	360	267	4870	1283	5003	0	0	5123	4960	-1139	14977	0	14977	2053	17030	50.01
3	4268	360	268	4896	1274	4644	0	0	5006	5191	-1006	14999	0	14999	1921	16920	50.00
4	4285	359	279	4923	1303	4608	0	0	5045	5286	-989	15131	0	15131	1824	16955	49.99
5	4288	285	277	4850	1278	4796	0	0	5189	5348	-1045	15227	0	15227	1791	17018	49.88
6	4302	270	272	4844	1095	5023	0	0	5691	6007	-1059	15910	0	15910	1827	17737	50.02
7	4372	276	272	4920	1192	5186	0	22	6345	6279	-921	16678	0	16678	1821	18499	50.01
8	4430	278	270	4978	1141	5026	0	136	6410	6515	-748	17048	0	17048	1859	18907	49.99
9	4554	404	271	5229	1133	4684	0	261	6267	6678	-788	17197	0	17197	1943	19140	49.97
10	4639	415	273	5327	1019	4841	0	382	6159	6269	-830	17008	0	17008	2021	19029	49.99
11	4610	417	284	5311	855	4808	0	529	6314	6328	-871	16960	0	16960	2066	19026	50.00
12	4471	364	273	5108	817	4472	0	562	6582	6691	-884	16766	0	16766	2085	18851	50.01
13	4419	443	270	5132	675	4340	0	544	6415	6730	-845	16576	0	16576	2051	18627	49.98
14	4376	366	269	5011	624	4432	0	601	6129	6128	-798	15998	0	15998	2005	18003	50.02
15	4357	272	267	4896	767	4504	0	480	6341	6128	-722	16053	0	16053	1923	17976	49.99
16	4075	285	280	4640	880	4437	0	383	6400	6194	-685	15849	0	15849	1884	17733	49.97
17	3775	272	269	4316	1148	4389	0	216	5867	5986	-644	15411	0	15411	1841	17252	49.99
18	3891	372	272	4535	1192	4376	0	68	5467	5650	-660	15161	0	15161	1852	17013	49.97
19	4281	356	282	4919	1148	4363	0	9	5319	5145	-750	14834	0	14834	1893	16727	50.00
20	4581	464	271	5316	1055	4591	0	0	5105	5380	-1106	15236	0	15236	1979	17215	49.91
21	4610	346	273	5229	994	4842	0	0	4843	4803	-1179	14689	0	14689	2019	16708	49.97
22	4618	325	273	5216	912	4958	0	0	4324	4234	-1161	14159	0	14159	2020	16179	49.95
23	4619	338	272	5229	725	5021	0	0	4159	4157	-1162	13970	0	13970	2024	15994	49.95
24	4401	288	272	4961	678	4672	0	0	4446	4541	-1172	13680	0	13680	2034	15714	50.02
MUs	104.65	8.28	6.54	119.47	24.46	113.35	0.00	4.19	134.12	135.71	-22.42	374.76	0.00	374.76	46.91	421.67	49.98

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 27/Jun/2021

Position as on 6.30 Hrs of 28/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.)	
MSPGCL	Nasik Unit 4	210	28/06/2021	16.45	28/06/2021	22.43	Rotor Earth fault.	
MSPGCL	Nasik Unit 4	210	28/06/2021	23.45		Continued.	HP heaters level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 28/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
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Khadka-Aurangabad (Waluj)	IntraState	26/06/2021	22.24	28/06/2021	09.58	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	28/06/2021	09.36	HT	Over Voltage
Padghe - Nagothane - II	IntraState	28/06/2021	09.00	28/06/2021	14.47	PO	For R ph jumper replacement work at loc no 1.
Khadka-Aurangabad (Waluj)	IntraState	28/06/2021	22.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/06/2021	22.14		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	28/06/2021	23.22		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 315 Mva ICT I @Karad	IntraState	28/06/2021	08.29	28/06/2021	11.33	PO	To attend DC leakage in FD(Fire Detector) on to body of R ph unit of ICT-I unit.
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 DECC 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.
Valve-Jamde	IntraState	26/06/2021	22.25	27/06/2021	16.32	T	Y Ph CT burst of jamade ckt at valve end.
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
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
Pophali - Nerale	IntraState	28/06/2021	09.50	28/06/2021	15.50	EO	To Attend Hot Spot At Pophali End. Requesting Since Saturday.
Chandrapur(MIDC)-Ballarshah II	IntraState	28/06/2021	11.10	28/06/2021	14.40	HT	Abnormal Sound From BPH CC.
Chandrapur GCR - Cpurlytss1	IntraState	28/06/2021	11.32	28/06/2021	16.44	PO	Testing Work.
Uran - Apta IV	IntraState	28/06/2021	11.43	28/06/2021	16.45	PO	For Y-ph CT replacement and

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 27/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 28/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							relay testing work.
Karad(400kv) -Nigade	IntraState	28/06/2021	12.50	28/06/2021	15.19	PO	For extension of New PT metering core, CT Tan Delta and routine maintenance.
Sonkhar - Trombay	IntraState	28/06/2021	14.43	28/06/2021	18.47	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132KV 100MVA -1@Alephata	IntraState	28/06/2021	09.32	28/06/2021	15.51	PO	For LV Circuit Breaker Drive Mechanism overhauling work.
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	28/06/2021	09.57	28/06/2021	20.11	PO	Quarterly Maintenance Work & Diagnostic testing work.
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	28/06/2021	10.05	28/06/2021	13.45	PO	Rectification of DC Leakage on OSR cable.
220/132 kv 100 MVA ICT II@Malegaon	IntraState	28/06/2021	10.14	28/06/2021	17.30	PO	Diagnostic Testing Work.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	28/06/2021	14.59	28/06/2021	23.15	HT	Heavy sparking observed in tata yard.

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