

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jul/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.341	393.527	1) Gujrat	-4.664	-1.818
2) Hydro	22.670	73.744	2) Madhya Pradesh	8.108	32.628
3) Gas	3.369	18.114	3) Chattisgarh	5.090	19.900
Total MSPGCL	133.380	485.385	4) Maharashtra	153.694	561.245
B) 1) APLM	74.567	297.513	5) Goa (Amona)	-0.360	-3.745
2) JSWEL	19.260	75.699	Total	161.868	608.210
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.417	120.933
4) RPL(AMT)	31.283	120.707	b) Mumbai Drawl	28.020	120.237
5) SWPGPL	2.856	11.422	c) MSEDCL Bilateral *	56.910	165.344
6) Other IPP	7.735	30.589	Include PX	29.383	57.992
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.169	120.649
C) 1) TPCL Thermal	10.888	42.938	Include PX	16.441	53.287
2) TPCL Hydro	4.688	27.298	Standby	0.248	0.284
3) TPCL Gas	2.292	8.914	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.014	23.995	1) MSEDCL	434.714	1665.667
D) STATE			2) Mumbai Discoms	51.902	223.382
1) Thermal	259.944	996.390	TOTAL STATE	486.616	1889.049
(A1+C1+C4+(B1-B6))					
2) Hydro	27.358	101.042			
(A2+C2)					
3) Gas	5.661	27.028			
(A3+B7+C3)					
4) Wind	23.906	127.434			
6) SOLAR	7.879	28.945			
TOTAL STATE	324.748	1280.839			

* 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	4301	4403	4706	4374
MSPGCL Hydro	1120	852	1560	360
MSPGCL Gas	137	137	140	142
MSPGCL Total Generation	5558	5392	6406	4876
Central Sector Receipt	8195	8581	5400	5567
WIND	310	451	1098	1543
CPP / IPP Thermal	5763	5640	5664	5659
CPP / IPP Gas	0	0	0	0
SOLAR	1055	836	0	0
Exchange with Mumbai	-1353	-1335	-1136	-1053
MSEDCL DEMAND MET	19528	19565	17432	16592
Load Shedding	0	0	0	0
MSEDCL DEMAND	19528	19565	17432	16592
TPCL GENERATION	599	613	907	743
AEML GENERATION	250	251	251	251
MUMBAI DEMAND	2202	2199	2294	2047
STATE DEMAND MET	21730	21764	19726	18639
STATE DEMAND	21730	21764	19726	18639
Frequency (Hz)	49.87	50.02	50.01	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 10.00 Hrs	49.72 Hz at 11.56 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 04/Jul/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	9.92	36.48	504	343
Unit 9	9.27	34.50	464	276
Unit 10	8.42	33.71	400	300
Total	27.62	104.69		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.01	21.83	470	325
Unit 5	10.46	22.68	475	355
Total	20.47	44.50		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.32	12.77	147	126
Unit 4	0.00	9.89	0	0
Unit 5	8.40	33.91	391	317
Unit 6	9.09	14.77	390	323
Unit 7	0.00	0.00	0	0
Unit 8	10.16	41.72	450	388
Unit 9	9.67	40.40	424	383
Total	40.64	153.46		
Paras				
Unit 3	4.75	19.54	235	160
Unit 4	0.00	0.00	0	0
Total	4.75	19.54		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	3.34	0	0
Unit 3	0.00	3.85	0	0
Unit 4	0.00	3.93	0	0
Unit 5	12.04	46.10	510	500
Total	12.04	57.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	1.83	14.10	190	0
Unit 5	0.00	0.00	0	0
Total	1.83	14.10		
Uran				
All Units	3.37	18.11	153	136
Total	3.37	18.11		
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)	0.33	1.77	25	0
Total	0.33	1.77		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.48	17.03	455	40
Stage 4	9.34	26.35	992	0
Stage 3	3.45	10.34	240	0
Total	17.27	53.73		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.16	0	0
BHIRA T.R.	0.40	1.78	80	0
SMLHY_PTN	4.89	16.46	215	190
GHATGHAR	0.11	0.62	100	0
Total	5.40	20.02		
Wind				
Total	23.91	127.43	0	0
Total	23.91	127.43		
CPP				
APML(Mus)	74.57	297.51	0	0
JSWEL(Mus)	19.26	75.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.28	120.71	0	0
SWPGPL-Mus	2.86	11.42	0	0
Other(Mus)	7.74	30.59	0	0
Total	135.70	535.93		
SOLAR				
Total	7.88	28.94	0	0
Total	7.88	28.94		
Tata				
Trombay 5	10.89	42.94	467	412
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.26	4.88	55	49
Trombay 7B	1.03	4.04	45	41
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.69	27.30	350	36
Total	17.87	79.15		
AEML				
DTPS U-1&2	6.01	24.00	251	250
Total	6.01	24.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.34	393.53	MSPGCL Total	133.38	485.38
			MSPGCL Thml+Gas	110.71	411.64	Koyna 1,2 & 4 Total	13.82	43.38
			MSPGCL Hydro	22.67	73.74	State Total	324.75	1280.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Jul/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	4435	1209	140	5784	1574	5715	0	0	5632	5358	-1330	17101	0	17101	2424	19525	49.91
2	4421	938	141	5500	1784	5674	0	0	5587	5197	-1272	16883	0	16883	2320	19203	50.00
3	4400	520	142	5062	1800	5658	0	0	5522	5364	-1111	16773	0	16773	2161	18934	50.04
4	4374	360	142	4876	1543	5659	0	0	5531	5567	-1053	16592	0	16592	2047	18639	50.05
5	4446	940	142	5528	1235	5636	0	0	5457	5603	-1012	16990	0	16990	1965	18955	50.02
6	4384	1461	153	5998	949	5692	0	0	6067	6415	-975	18079	0	18079	1962	20041	49.99
7	4375	1846	142	6363	889	5654	0	72	7155	7045	-951	19072	0	19072	1953	21025	49.96
8	4479	800	142	5421	815	5639	0	280	7998	7722	-911	18966	0	18966	1929	20895	50.03
9	4518	500	141	5159	741	5639	0	536	8025	7968	-1058	18985	0	18985	1985	20970	50.07
10	4534	487	141	5162	634	5571	0	804	8217	7872	-1228	18815	0	18815	2074	20889	50.09
11	4430	422	138	4990	540	5646	0	943	8088	8187	-1308	18998	0	18998	2159	21157	50.00
12	4301	1120	137	5558	310	5763	0	1055	8180	8195	-1353	19528	0	19528	2202	21730	49.87
13	4404	1365	136	5905	346	5644	0	970	8259	7702	-1360	19207	0	19207	2205	21412	49.96
14	4408	1004	147	5559	327	5616	0	928	8194	8245	-1351	19324	0	19324	2192	21516	50.05
15	4403	852	137	5392	451	5640	0	836	8523	8581	-1335	19565	0	19565	2199	21764	50.02
16	4405	905	136	5446	672	5651	0	692	8282	7980	-1115	19326	0	19326	2235	21561	50.01
17	4415	680	138	5233	1031	5635	0	491	7989	7623	-1079	18934	0	18934	2205	21139	50.00
18	4454	340	137	4931	1234	5630	0	231	7184	6923	-1136	17813	0	17813	2148	19961	50.01
19	4530	334	138	5002	1316	5653	0	41	6343	5992	-1141	16863	0	16863	2095	18958	50.00
20	4450	796	139	5385	1298	5654	0	0	5983	6016	-1127	17226	0	17226	2106	19332	49.89
21	4651	1137	139	5927	1157	5669	0	0	5937	5648	-1065	17336	0	17336	2227	19563	49.96
22	4706	1560	140	6406	1098	5664	0	0	5245	5400	-1136	17432	0	17432	2294	19726	50.01
23	4747	1642	140	6529	1078	5641	0	0	5452	5441	-1238	17451	0	17451	2359	19810	49.99
24	4671	1452	141	6264	1084	5658	0	0	5998	5824	-1375	17455	0	17455	2456	19911	50.02
MUs	107.34	22.67	3.37	133.38	23.91	135.70	0.00	7.88	164.85	161.87	-28.02	434.71	0.00	434.71	51.90	486.62	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 04/Jul/2021

Position as on 6.30 Hrs of 05/Jul/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	05/07/2021	15.30	Zero schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24	05/07/2021	23.22	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	05/07/2021	02.49	zero scheduled given by MSEDCL	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
IPP	SWPGPL U-2	135	25/06/2021	01.22	05/07/2021	22.53	ID Fan High Vibration.(unit under zero schedule from 04.00 hrs on dt. 25.06.2021.)	
TPC_G	Trombay 8	250	29/06/2021	09.12		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 2	210	02/07/2021	00.00	05/07/2021	18.36	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	02/07/2021	00.00	05/07/2021	17.26	Zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	02/07/2021	00.00	05/07/2021	16.12	Zero schedule.	
MSPGCL	Uran Unit 5	108	02/07/2021	13.33	05/07/2021	10.00	Gas shortage	
MSPGCL	Uran Unit A0	120	02/07/2021	13.36	05/07/2021	16.10	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	03/07/2021	23.49		Continued.	Super Heater Spray valve heavy Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jul/2021

Position as on 6.30 Hrs of 05/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 05/Jul/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
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26	05/07/2021	13.14	PO	Samruddhi expressway crossing 400kv line diversion work.
Karad - Talandge Ckt 2	IntraState	05/07/2021	09.17	05/07/2021	17.52	OO	Attending Hot Spot At Y PH.
Bus Coupler @ New Koyna	IntraState	05/07/2021	09.44	05/07/2021	15.39	PO	Routine maintenance work.
New Koyna - Dabhol-I	IntraState	05/07/2021	09.44	05/07/2021	15.39	PO	Routine Maintenance Work
Deepnagar - Aurangabad	IntraState	05/07/2021	12.56	05/07/2021	19.51	PO	Replacement of fault disc insulator string.
Koradi-RattanIndia	IntraState	05/07/2021	13.02	05/07/2021	18.18	EO	To attend Hot Spot On R-PH Line Isolator.
New Koyna - Dabhol - II	IntraState	05/07/2021	18.17	05/07/2021	21.09	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)
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	04/07/2021	07.03	04/07/2021	11.07	EO	Attending Hot Spot work at B-Phase LV bushing.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	05/07/2021	12.57	05/07/2021	17.03	T	OSR.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	05/07/2021	14.57	05/07/2021	15.37	T	Winding temperature high.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	05/07/2021	16.30	05/07/2021	19.33	T	Winding temperature high.
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	04/07/2021	11.18	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.
Mulund - GIS Bhandup	IntraState	01/07/2021	09.37		Continued.	PO	project work of bay strengthening on 200kv Mulund-Bhandup GIS line bay at 220kv Mulund substation
Kalwa - Mulund 1	IntraState	01/07/2021	09.39		Continued.	PO	project work of bay strengthening on 220kv Mulund-Bhandup GIS line bay along with replacement of C&R panel of 220 kalwa-1 at 220kv Mulund substation.
Uran - Kharghar I	IntraState	01/07/2021	10.40		Continued.	PO	Construction work.
Osmanabad - Solapur (Bale)	IntraState	03/07/2021	06.09	04/07/2021	04.07	T	Distance Protection/over current.
Chakan-Chinchwad	IntraState	03/07/2021	10.57	04/07/2021	00.10	T	Distance Protection
Main Bus I @ Dahanu	IntraState	04/07/2021	11.27	04/07/2021	21.01	PO	Isolator overhauling of bay 02,07 isolator & bus coupler annual maintenance work.
Virur - Gadchiroli	IntraState	05/07/2021	08.42	05/07/2021	14.05	PO	For CB Pole to MB Wiring Checking, PDR Relay Circuitry checking, routine relay testing, Diagnostic Of CT & CC at Virur END.
Wpcl-Warora 2	IntraState	05/07/2021	10.07	05/07/2021	18.02	PO	For Jumper Tightening Work of 21 NOS. Of Locations(cut points).
Lamboti - Solapur li(Bale) Ckt- I	IntraState	05/07/2021	10.22	05/07/2021	16.04	PO	200KV CC replacement work.
Bhugaon-WardhaPG (Deoli)	IntraState	05/07/2021	10.43	05/07/2021	19.49	PO	AMP of line bay.

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/Tripping for 04/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 05/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Halkarni-Mahalaxmi line	IntraState	05/07/2021	11.15	05/07/2021	19.21	PO	Quarterly Maintainance Work
Osmanabad - Barshi	IntraState	05/07/2021	12.03	05/07/2021	15.45	PO	Relay Testing Work.
Osmanabad - Barshi	IntraState	05/07/2021	12.12	05/07/2021	15.47	PO	Distance relay testing work in view work in view of fault on 03.07.2021.
Apta - Tambati	IntraState	05/07/2021	13.42	05/07/2021	15.21	PO	Relay testing work.
220 KV ICT Outages/Tripping							
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	05/07/2021	10.15	05/07/2021	20.11	PO	Attend oil leakage work of ICT by agency.
220/132kv 200MVA ICT-III @ Nanded	IntraState	05/07/2021	10.45	05/07/2021	17.54	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bb lct 2 @Chikhali	IntraState	05/07/2021	10.48	05/07/2021	16.05	PO	For Diagnostic Testing Work & Routine Maintenance Work.
220/132/11 Kv 200 Mva Trans & Rect lct 1 @Amravati	IntraState	05/07/2021	15.27	05/07/2021	18.33	EO	For Oil Top UP in OLTC.