

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jul/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.768	765.611	1) Gujrat	-3.574	-14.038
2) Hydro	25.358	154.109	2) Madhya Pradesh	8.527	58.718
3) Gas	6.426	35.671	3) Chattisgarh	3.420	33.040
Total MSPGCL	164.552	955.391	4) Maharashtra	167.452	1064.552
B) 1) APML	61.253	508.343	5) Goa (Amona)	-0.552	-5.308
2) JSWEL	20.181	136.520	Total	175.273	1136.964
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.310	215.626
4) RPL(AMT)	31.321	214.583	b) Mumbai Drawl	33.111	220.321
5) SWPGPL	9.146	31.929	c) MSEDCL Bilateral *	52.003	337.484
6) Other IPP	7.915	54.503	Include PX	18.391	131.022
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.208	213.240
C) 1) TPCL Thermal	12.726	75.402	Include PX	9.367	86.112
2) TPCL Hydro	7.064	52.323	Standby	2.103	2.386
3) TPCL Gas	2.238	15.514	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.012	42.028	1) MSEDCL	459.264	3039.303
D) STATE			2) Mumbai Discoms	61.152	405.589
1) Thermal	281.322	1828.919	TOTAL STATE	520.416	3444.892
(A1+C1+C4+(B1-B6))					
2) Hydro	32.422	206.432			
(A2+C2)					
3) Gas	8.664	51.185			
(A3+B7+C3)					
4) Wind	15.857	171.204			
6) SOLAR	6.877	50.187			
TOTAL STATE	345.142	2307.927			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5596	5688	5717	5248
MSPGCL Hydro	1378	1378	377	1112
MSPGCL Gas	273	260	265	270
MSPGCL Total Generation	7247	7326	6359	6630
Central Sector Receipt	8915	8782	6600	5897
WIND	360	280	1540	639
CPP / IPP Thermal	5325	5296	5306	5613
CPP / IPP Gas	0	0	0	0
SOLAR	969	815	18	0
Exchange with Mumbai	-1724	-1701	-1400	-1113
MSEDCL DEMAND MET	21092	20798	18423	17666
Load Shedding	0	0	0	0
MSEDCL DEMAND	21092	20798	18423	17666
TPCL GENERATION	1023	1037	948	696
AEML GENERATION	250	250	251	251
MUMBAI DEMAND	2997	2988	2599	2060
STATE DEMAND MET	24089	23786	21022	19726
STATE DEMAND	24089	23786	21022	19726
Frequency (Hz)	49.99	49.89	50.06	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.78 Hz at 12.21 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 07/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	12.28	68.98	538	467
Unit 9	11.98	66.74	535	455
Unit 10	6.12	49.86	400	0
Total	30.39	185.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.95	53.08	465	375
Unit 5	10.18	54.44	470	385
Total	20.13	107.52		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.02	0.02	20	0
Total	0.02	0.02		
Chandrapur				
Unit 3	3.45	22.56	150	135
Unit 4	0.00	9.89	0	0
Unit 5	8.61	60.65	395	272
Unit 6	9.36	42.33	410	350
Unit 7	0.00	0.00	0	0
Unit 8	10.91	73.45	465	445
Unit 9	10.08	70.37	448	398
Total	42.40	279.24		
Paras				
Unit 3	5.16	35.11	230	203
Unit 4	5.29	13.14	245	192
Total	10.45	48.25		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.10	12.01	175	170
Unit 3	4.68	13.92	200	172
Unit 4	4.68	14.18	200	190
Unit 5	11.51	80.58	500	450
Total	24.98	120.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	4.39	10.20	197	155
Total	4.39	24.30		
Uran				
All Units	6.43	35.67	289	260
Total	6.43	35.67		
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)	0.30	2.90	24	0
Total	0.30	2.90		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.23	33.76	455	40
Stage 4	11.24	61.32	1000	0
Stage 3	4.24	22.31	320	80
Total	19.71	117.39		
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.	0.50	3.22	80	0
SMLHY_PTN	5.06	31.29	222	157
GHATGHAR	0.09	1.06	60	0
Total	5.65	36.72		
Wind				
Total	15.86	171.20	0	0
Total	15.86	171.20		
CPP				
APML(Mus)	61.25	508.34	0	0
JSWEL(Mus)	20.18	136.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.32	214.58	0	0
SWPGPL-Mus	9.15	31.93	0	0
Other(Mus)	7.92	54.50	0	0
Total	129.82	945.88		
SOLAR				
Total	6.88	50.19	0	0
Total	6.88	50.19		
Tata				
Trombay 5	10.49	73.16	458	403
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	8.49	54	49
Trombay 7B	1.01	7.02	44	40
Trombay 8	2.24	2.24	164	0
TATA Hydro	7.06	52.32	459	132
Total	22.03	143.24		
AEMIL				
DTPS U-1&2	6.01	42.03	251	249
Total	6.01	42.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.77	765.61	MSPGCL Total	164.55	955.39
			MSPGCL Thml+Gas	139.19	801.28	Koyna 1,2 & 4 Total	15.47	95.08
			MSPGCL Hydro	25.36	154.11	State Total	345.14	2307.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5264	1870	268	7402	461	6003	0	0	6011	5559	-1260	18165	0	18165	2503	20668	50.00
2	5211	1586	267	7064	611	5995	0	0	5892	5736	-1092	18314	0	18314	2308	20622	49.98
3	5223	1219	268	6710	615	5872	0	0	5812	5623	-1011	17809	0	17809	2163	19972	49.97
4	5248	1112	270	6630	639	5613	0	0	6074	5897	-1113	17666	0	17666	2060	19726	50.00
5	5328	1037	289	6654	670	5327	0	0	6481	6547	-1098	18100	0	18100	2019	20119	49.98
6	5283	1314	270	6867	662	5313	0	0	7192	7300	-997	19145	0	19145	2033	21178	49.95
7	5326	2043	269	7638	594	5344	0	65	7587	7513	-950	20204	0	20204	2032	22236	49.98
8	5382	1922	270	7574	515	5311	0	281	8043	8105	-1196	20590	0	20590	2143	22733	50.02
9	5427	1467	267	7161	523	5313	0	558	8405	8322	-1449	20428	0	20428	2402	22830	50.03
10	5507	1202	267	6976	466	5306	0	813	8707	8461	-1662	20360	0	20360	2664	23024	50.01
11	5545	1137	268	6950	316	5318	0	960	8991	8845	-1775	20614	0	20614	2890	23504	50.02
12	5596	1378	273	7247	360	5325	0	969	9061	8915	-1724	21092	0	21092	2997	24089	49.99
13	5688	1378	260	7326	280	5296	0	815	9013	8782	-1701	20798	0	20798	2988	23786	49.89
14	5763	1051	260	7074	365	5265	0	699	9043	8654	-1629	20428	0	20428	2905	23333	49.97
15	5726	1081	261	7068	609	5241	0	666	8947	8449	-1681	20352	0	20352	2969	23321	49.98
16	5731	1076	260	7067	638	5300	0	530	8785	8615	-1658	20492	0	20492	2995	23487	49.98
17	5677	853	270	6800	939	5284	0	332	8398	8022	-1590	19787	0	19787	2915	22702	50.01
18	5688	330	264	6282	1233	5292	0	171	7807	7377	-1563	18792	0	18792	2770	21562	50.03
19	5717	377	265	6359	1540	5306	0	18	6573	6600	-1400	18423	0	18423	2599	21022	50.06
20	5679	398	265	6342	1289	5320	0	0	6362	6196	-1253	17894	0	17894	2547	20441	50.04
21	5671	374	266	6311	754	5328	0	0	6418	6337	-1231	17499	0	17499	2514	20013	50.00
22	5671	371	265	6307	531	5329	0	0	6505	6486	-1292	17361	0	17361	2514	19875	50.00
23	5668	495	267	6430	658	5373	0	0	6646	6371	-1357	17475	0	17475	2577	20052	49.97
24	5749	287	277	6313	589	5442	0	0	6858	6561	-1429	17476	0	17476	2644	20120	50.03
MUs	132.77	25.36	6.43	164.55	15.86	129.82	0.00	6.88	179.61	175.27	-33.11	459.26	0.00	459.26	61.15	520.42	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 07/Jul/2021

Position as on 6.30 Hrs of 08/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	Parli Unit 8	250	08/06/2021	00.30	07/07/2021	23.11	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
IPP	JSW (J) U2	300	20/06/2021	04.30	08/07/2021	11.14	Generator maintenance work.	
TPC_G	Trombay 8	250	29/06/2021	09.12	07/07/2021	08.57	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	03/07/2021	23.49		Continued.	Super Heater Spray valve heavy Leakage	
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)	
MSPGCL	Koradi Unit 10	660	06/07/2021	03.39	07/07/2021	03.39	Turbine problem.	
IPP	Adani U-2	660	07/07/2021	03.59		Continued.	Aph-B hot PA bellow leakage.	
MSPGCL	Paras Unit 4	250	08/07/2021	17.28		Continued.	Tripped on electrical fault.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 08/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	08/07/2021	15.07	08/07/2021	19.17	EO	Attending Hot Spot
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
Kolhapur Solapur (PG) II	InterState	06/07/2021	12.36	07/07/2021	20.57	PO	Jumper nut bolt tightening work.
Akola Wardha li	InterState	07/07/2021	22.30	08/07/2021	01.30	T	Distance Protection
Khadka - Bableshtar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
karad -kolhapur-I	IntraState	07/07/2021	00.28	07/07/2021	06.15	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	07/07/2021	13.43	07/07/2021	19.18	PO	Replacement work
Nagothane - Dabhol-II	IntraState	07/07/2021	13.51	07/07/2021	18.09	PO	Routine Maintenance Work
TBC @ Dhule	IntraState	08/07/2021	11.45		Continued.	PO	CGL Make CB Overhauling & MTAMC Work.
Taptitanda Waluj	IntraState	08/07/2021	13.35	08/07/2021	20.00	HT	To control ICT loading
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)
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	08/07/2021	09.23	08/07/2021	19.42	PO	REF & NDR Relay testing work & maintenance work.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	08/07/2021	12.08	08/07/2021	18.20	PO	Annual testing & Maintenance 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)
Solapur (Pg) South Solapur I	InterState	07/07/2021	10.55	07/07/2021	18.21	PO	Quarterly Maintainance Work
Solapur(PG)- Jeur	InterState	07/07/2021	13.45	07/07/2021	18.05	PO	Replacement work
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 - Ongc Uran	IntraState	07/07/2021	11.51	07/07/2021	15.43	PO	Attending Hot Spot
Lamboti -Solapur li(Bale) Ckt- II	IntraState	07/07/2021	13.13	07/07/2021	16.13	PO	Quarterly Maintainance Work
Oni Kharepatan Line	IntraState	07/07/2021	13.27	07/07/2021	13.53	T	Distance Protection
Trombay Dharavi 6	IntraState	07/07/2021	15.04	07/07/2021	16.00	PO	Removing mesh online
Ongc Uran - Jnpt	IntraState	07/07/2021	15.51	07/07/2021	18.01	PO	Routine Maintenance Work
220KV Chalisagaon-Kopergaon	IntraState	07/07/2021	18.25	07/07/2021	19.57	PO	Attending Hot Spot
IPCL - SPCL	IntraState	08/07/2021	09.43	08/07/2021	20.28	PO	Earth wire replacement work from loc 44-48
Khaparkheda-Kalmeshwar	IntraState	08/07/2021	11.57	08/07/2021	17.58	T	Distance Protection
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	08/07/2021	12.20	08/07/2021	14.20	PO	CT Tan delta testing work.
220 KV ICT Outages/Trippings							

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 07/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 08/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	07/07/2021	09.35	07/07/2021	13.05	PO	overhaul of 245kv siemens make cb by external agency
220kv 200MVA ICT IV @ OCR Nashik	IntraState	07/07/2021	10.45	07/07/2021	16.06	PO	OLTC Work
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	08/07/2021	09.30	08/07/2021	14.00	PO	Half yearly maintenance work
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	08/07/2021	11.07	08/07/2021	18.04	PO	Buchholz relay replacement work & RM work