

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jul/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	82.364	180.187	1) Gujrat	-0.058	4.349
2) Hydro	16.846	29.068	2) Madhya Pradesh	9.309	17.825
3) Gas	4.945	11.369	3) Chattisgarh	5.010	9.700
Total MSPGCL	104.155	220.624	4) Maharashtra	138.578	263.878
B) 1) APLM	74.327	148.866	5) Goa (Amona)	-1.249	-2.467
2) JSWEL	17.808	38.056	Total	151.590	293.285
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.807	59.226
4) RPL(AMT)	31.230	58.116	b) Mumbai Drawl	31.075	60.981
5) SWPGPL	2.836	5.714	c) MSEDCL Bilateral *	38.267	67.549
6) Other IPP	7.916	15.273	Include PX	12.209	14.555
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.807	59.226
C) 1) TPCL Thermal	10.969	21.689	Include PX	10.284	24.052
2) TPCL Hydro	7.721	15.954	Standby	0.000	0.000
3) TPCL Gas	2.184	4.464	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.993	11.964	1) MSEDCL	404.318	807.110
D) STATE			2) Mumbai Discoms	57.942	115.052
1) Thermal	233.443	479.865	TOTAL STATE	462.260	922.162
(A1+C1+C4+(B1-B6))					
2) Hydro	24.567	45.022			
(A2+C2)					
3) Gas	7.129	15.833			
(A3+B7+C3)					
4) Wind	38.640	74.539			
6) SOLAR	6.891	13.618			
TOTAL STATE	310.670	628.877			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3236	3256	3818	3318
MSPGCL Hydro	372	1176	1048	391
MSPGCL Gas	215	137	139	266
MSPGCL Total Generation	3823	4569	5005	3975
Central Sector Receipt	7014	6740	6242	5187
WIND	2081	1905	1074	1571
CPP / IPP Thermal	5614	5545	5576	5647
CPP / IPP Gas	0	0	0	0
SOLAR	894	590	0	0
Exchange with Mumbai	-1703	-1599	-1151	-968
MSEDCL DEMAND MET	17723	17750	16746	15412
Load Shedding	0	0	0	0
MSEDCL DEMAND	17723	17750	16746	15412
TPCL GENERATION	947	934	1001	796
AEML GENERATION	249	250	251	248
MUMBAI DEMAND	2899	2783	2403	2012
STATE DEMAND MET	20622	20533	19149	17424
STATE DEMAND	20622	20533	19149	17424
Frequency (Hz)	50.03	50.04	50.04	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 17:02 Hrs	49.8 Hz at 14:13 Hrs	50.02	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 02/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	8.11	16.92	425	290
Unit 9	7.94	16.40	415	290
Unit 10	8.07	16.58	430	320
Total	24.13	49.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	1.24	1.24	245	0
Unit 5	1.42	1.42	300	0
Total	2.66	2.66		
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	2.97	6.25	140	108
Unit 4	3.10	6.65	150	118
Unit 5	8.18	17.56	392	300
Unit 6	0.00	3.50	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.34	21.38	460	392
Unit 9	10.25	21.12	463	404
Total	34.84	76.46		
Paras				
Unit 3	5.24	9.53	240	188
Unit 4	0.00	0.00	0	0
Total	5.24	9.53		
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	11.00	22.46	481	430
Total	11.00	33.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.50	8.06	192	156
Unit 5	0.00	0.00	0	0
Total	4.50	8.06		
Uran				
All Units	4.94	11.37	288	137
Total	4.94	11.37		
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)	0.46	0.92	20	17
Total	0.46	0.92		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.86	7.14	460	40
Stage 4	5.77	8.64	740	0
Stage 3	2.69	3.98	160	0
Total	12.33	19.76		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.46	0.93	58	0
BHIRA T.R.	0.50	0.93	80	0
SMLHY_PTN	3.55	7.45	163	134
GHATGHAR	0.00	0.00	0	0
Total	4.52	9.31		
Wind				
Total	38.64	74.54	0	0
Total	38.64	74.54		
CPP				
APML(Mus)	74.33	148.87	0	0
JSWEL(Mus)	17.81	38.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.23	58.12	0	0
SWPGPL-Mus	2.84	5.71	0	0
Other(Mus)	7.92	15.27	0	0
Total	134.12	266.02		
SOLAR				
Total	6.89	13.62	0	0
Total	6.89	13.62		
Tata				
Trombay 5	10.97	21.69	472	423
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	2.44	52	49
Trombay 7B	0.99	2.02	43	41
Trombay 8	0.00	0.00	0	0
TATA Hydro	7.72	15.95	441	148
Total	20.87	42.11		
AEML				
DTPS U-1&2	5.99	11.96	251	248
Total	5.99	11.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	82.36	180.19	MSPGCL Total	104.16	220.62
			MSPGCL Thml+Gas	87.31	191.56	Koyna 1,2 & 4 Total	9.64	15.78
			MSPGCL Hydro	16.85	29.07	State Total	310.67	628.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	3365	1104	278	4747	1394	5725	0	0	5351	5269	-1206	15929	0	15929	2286	18215	50.00
2	3349	462	267	4078	1471	5661	0	0	5574	5480	-1046	15644	0	15644	2139	17783	50.04
3	3318	391	266	3975	1571	5647	0	0	5152	5187	-968	15412	0	15412	2012	17424	50.03
4	3326	485	269	4080	1513	5620	0	0	5295	5388	-920	15681	0	15681	1936	17617	50.04
5	3321	540	270	4131	1488	5541	0	0	5383	5326	-869	15617	0	15617	1898	17515	50.01
6	3275	960	270	4505	1417	5562	0	0	6120	6397	-896	16985	0	16985	1923	18908	50.04
7	3312	1379	269	4960	1506	5566	0	61	7095	7001	-992	18102	0	18102	1946	20048	49.99
8	3328	859	269	4456	1740	5583	0	275	7546	7436	-1162	18328	0	18328	2081	20409	50.01
9	3297	400	288	3985	2054	5556	0	513	7384	7263	-1283	18088	0	18088	2359	20447	50.02
10	3270	608	264	4142	2128	5617	0	690	7039	6889	-1518	17948	0	17948	2654	20602	49.93
11	3288	349	265	3902	2102	5646	0	792	6804	6911	-1688	17665	0	17665	2833	20498	50.02
12	3236	372	215	3823	2081	5614	0	894	6925	7014	-1703	17723	0	17723	2899	20622	50.03
13	3243	406	191	3840	2121	5580	0	886	6828	6673	-1642	17458	0	17458	2850	20308	50.03
14	3197	281	163	3641	1891	5580	0	848	6578	6861	-1577	17244	0	17244	2749	19993	50.03
15	3226	776	137	4139	1787	5559	0	680	6602	6748	-1606	17307	0	17307	2771	20078	49.97
16	3256	1176	137	4569	1905	5545	0	590	6628	6740	-1599	17750	0	17750	2783	20533	50.04
17	3282	735	138	4155	1661	5519	0	405	6636	6760	-1536	16964	0	16964	2718	19682	50.06
18	3384	528	140	4052	1720	5524	0	217	6275	6415	-1435	16493	0	16493	2606	19099	50.10
19	3570	616	139	4325	1319	5517	0	40	5845	5808	-1313	15696	0	15696	2450	18146	50.03
20	3621	1135	140	4896	1182	5542	0	0	6105	6151	-1267	16504	0	16504	2419	18923	50.00
21	3818	1048	139	5005	1074	5576	0	0	6126	6242	-1151	16746	0	16746	2403	19149	50.04
22	3913	905	151	4969	1108	5614	0	0	5868	5823	-1164	16350	0	16350	2388	18738	50.03
23	4023	838	140	5001	1259	5618	0	0	6018	6070	-1250	16698	0	16698	2402	19100	50.02
24	4146	493	140	4779	1148	5605	0	0	6056	5738	-1284	15986	0	15986	2437	18423	50.00
MUs	82.36	16.85	4.95	104.16	38.64	134.12	0.00	6.89	151.23	151.59	-31.07	404.32	0.00	404.32	57.94	462.26	50.02

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 02/Jul/2021

Position as on 6.30 Hrs of 03/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		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	02/07/2021	17.12	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35	02/07/2021	16.25	Zero Schedule 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		Continued.	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	Chandrapur Unit 6	500	01/07/2021	08.57	03/07/2021	16.52	Boiler Tube Leakage	
MSPGCL	Koyana STG-IV Unit-3	250	01/07/2021	20.03	02/07/2021	00.00	Shaft seal water circulation loss.	
MSPGCL	Khaparkheda Unit 2	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	02/07/2021	00.00		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jul/2021

Position as on 6.30 Hrs of 03/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 4	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Uran Unit 5	108	02/07/2021	13.33		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	02/07/2021	13.36		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-4	250	03/07/2021	22.38	03/07/2021	23.15	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	03/07/2021	23.49		Continued.	Super Heater Spray valve heavy Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	02/07/2021	21.26	03/07/2021	05.59	PO	Oil topup at pole 1 Y-Phases convertor transformer.
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	03/07/2021	10.07	03/07/2021	21.13	PO	work at khandwa end
Bableshtar - Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Khadka-Aurangabad (Waluj)	IntraState	01/07/2021	21.07	02/07/2021	09.14	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	02/07/2021	10.21	02/07/2021	20.40	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	02/07/2021	18.30	03/07/2021	06.52	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)
167MVA 400/220 SPARE ICT @ Parali (Girwali)	IntraState	02/07/2021	10.18	02/07/2021	17.01	PO	Jumper tightening work of 21nos. of location (cut point).
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)
PARLY (PG) - OSMANABAD	InterState	03/07/2021	05.19	03/07/2021	06.30	T	Tripped only at Parly PG end.
EKLAHARE (OCR) Nasik Navsari II	InterState	03/07/2021	10.51	03/07/2021	14.26	PO	Replacement work
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.
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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/07/2021	04.14	02/07/2021	04.58	T	Distance Protection
Wpcl-Warora 1	IntraState	02/07/2021	10.05	02/07/2021	16.37	PO	Jumper tightening work of 21 nos. of location (cut point).
Koradi-Ambazari-I	IntraState	02/07/2021	10.12	02/07/2021	14.46	PO	Replacement of flashover string at various location.
Padghe - Wada	IntraState	02/07/2021	10.39	02/07/2021	18.24	PO	Replace Faulty Insulator string
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	02/07/2021	10.48	03/07/2021	14.32	PO	CB overhauling.
Nagothane-Wadkhal-I	IntraState	02/07/2021	11.32	02/07/2021	15.44	EO	Attending Hot Spot
Butibori - Puri	IntraState	02/07/2021	11.42	02/07/2021	16.07	PO	Replacement of BPH CT for high tan delta value.
Abhijeet-Wardha-I	IntraState	02/07/2021	12.16	02/07/2021	17.53	PO	Relay testing work at 220KV abhijit S/S end by testing division nagpur.
Vankuswadi- Ajinkyatara	IntraState	02/07/2021	14.15	02/07/2021	18.40	PO	Replacement work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/07/2021	17.55	02/07/2021	18.07	PO	To Reconnect HT LIS Consumer
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/07/2021	04.14	03/07/2021	04.58	T	Distance Protection

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 02/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Osmanabad - Barshi	IntraState	03/07/2021	05.19	03/07/2021	09.19	T	Distance Protection
Osmanabad - Solapur (Bale)	IntraState	03/07/2021	06.09		Continued.	T	Distance Protection/over current.
PARANDA BARSHI	IntraState	03/07/2021	06.09	03/07/2021	06.30	T	Tripped on backup.
OSMANABAD PARANDA	IntraState	03/07/2021	06.09	03/07/2021	06.30	T	Tripped on backup.
Kalwa - Mulund 2	IntraState	03/07/2021	07.03	03/07/2021	14.30	PO	Online shifting of 220kv mulund-kalwa2
Vankuswade - Kdph	IntraState	03/07/2021	10.05	03/07/2021	15.25	PO	Replacement work
Chinchwad- Parvati	IntraState	03/07/2021	10.57	03/07/2021	15.57	PO	Half yearly maintenance work
Chakan-Chinchwad	IntraState	03/07/2021	10.57		Continued.	T	Distance Protection
Bhosari- Bhosari 2	IntraState	03/07/2021	10.58	03/07/2021	11.24	T	over current
Hinjawadi I- Chinchwad	IntraState	03/07/2021	10.58	03/07/2021	11.16	T	Over Current
Urse-Chinchwad (ST tap)	IntraState	03/07/2021	10.58	03/07/2021	11.32	T	Distance Protection
Nagothane - ACCIL	IntraState	03/07/2021	14.20	03/07/2021	17.07	PO	isolator maintenance work
ACCIL - Apta	IntraState	03/07/2021	14.35	03/07/2021	16.42	PO	consumer bus Isolator maintenance work at ACCIL end
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	02/07/2021	10.38	02/07/2021	14.45	PO	Attending Oil Leakage
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	02/07/2021	11.44	02/07/2021	14.04	PO	Pre-monsoon maintenance work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	02/07/2021	12.47	02/07/2021	13.42	EO	Remove Kite from HV R ph LA
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	02/07/2021	15.39	02/07/2021	19.11	PO	Pre-monsoon maintenance work

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