

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.983	632.843	1) Gujrat	-3.530	-10.464
2) Hydro	27.667	128.751	2) Madhya Pradesh	8.647	50.191
3) Gas	6.401	29.245	3) Chattisgarh	3.880	29.620
Total MSPGCL	158.051	790.839	4) Maharashtra	166.288	897.100
B) 1) APLM	74.512	447.090	5) Goa (Amona)	-0.488	-4.756
2) JSWEL	20.891	116.339	Total	174.797	961.691
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.967	183.316
4) RPL(AMT)	31.248	183.262	b) Mumbai Drawl	33.860	187.210
5) SWPGPL	8.495	22.783	c) MSEDCL Bilateral *	60.550	285.481
6) Other IPP	8.079	46.588	Include PX	23.810	112.630
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.967	183.032
C) 1) TPCL Thermal	10.193	62.676	Include PX	11.849	76.746
2) TPCL Hydro	8.490	45.259	Standby	0.000	0.284
3) TPCL Gas	2.149	13.276	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.011	36.016	1) MSEDCL	460.722	2580.039
D) STATE			2) Mumbai Discoms	60.703	344.437
1) Thermal	283.412	1547.597	TOTAL STATE	521.425	2924.476
(A1+C1+C4+(B1-B6))					
2) Hydro	36.157	174.010			
(A2+C2)					
3) Gas	8.550	42.521			
(A3+B7+C3)					
4) Wind	11.222	155.347			
6) SOLAR	7.287	43.310			
TOTAL STATE	346.628	1962.785			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5066	5100	5313	4899
MSPGCL Hydro	890	1131	1877	713
MSPGCL Gas	264	265	261	280
MSPGCL Total Generation	6220	6496	7451	5892
Central Sector Receipt	9150	8890	5677	6409
WIND	189	173	487	648
CPP / IPP Thermal	5944	6021	6045	5924
CPP / IPP Gas	0	0	0	0
SOLAR	999	975	0	0
Exchange with Mumbai	-1778	-1728	-1267	-1154
MSEDCL DEMAND MET	20724	20827	18393	17719
Load Shedding	0	0	0	0
MSEDCL DEMAND	20724	20827	18393	17719
TPCL GENERATION	910	954	985	611
AEML GENERATION	250	250	251	250
MUMBAI DEMAND	2938	2932	2503	2015
STATE DEMAND MET	23662	23759	20896	19734
STATE DEMAND	23662	23759	20896	19734
Frequency (Hz)	49.96	49.99	49.80	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 05.02 Hrs	49.5 Hz at 22.12 Hrs	49.95	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 06/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	10.33	56.70	525	304
Unit 9	10.25	54.75	495	375
Unit 10	1.21	43.74	330	0
Total	21.79	155.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.96	43.13	485	430
Unit 5	11.16	44.26	480	445
Total	22.12	87.39		
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	2.99	19.11	143	108
Unit 4	0.00	9.89	0	0
Unit 5	8.86	52.04	395	288
Unit 6	9.17	32.98	400	350
Unit 7	0.00	0.00	0	0
Unit 8	10.74	62.54	460	426
Unit 9	9.75	60.29	448	355
Total	41.51	236.84		
Paras				
Unit 3	5.07	29.94	222	192
Unit 4	4.59	7.85	231	153
Total	9.66	37.79		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.08	7.90	180	150
Unit 3	4.56	9.24	200	180
Unit 4	4.57	9.50	200	180
Unit 5	11.20	69.08	495	450
Total	24.41	95.72		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	4.50	5.81	198	160
Total	4.50	19.91		
Uran				
All Units	6.40	29.24	280	259
Total	6.40	29.24		
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)	0.36	2.60	27	0
Total	0.36	2.60		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.44	29.53	485	40
Stage 4	11.76	50.08	1010	0
Stage 3	3.94	18.06	240	80
Total	22.13	97.68		
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	2.72	80	0
SMLHY_PTN	4.95	26.23	218	192
GHATGHAR	0.09	0.97	86	0
Total	5.54	31.08		
Wind				
Total	11.22	155.35	0	0
Total	11.22	155.35		
CPP				
APML(Mus)	74.51	447.09	0	0
JSWEL(Mus)	20.89	116.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.25	183.26	0	0
SWPGPL-Mus	8.50	22.78	0	0
Other(Mus)	8.08	46.59	0	0
Total	143.22	816.06		
SOLAR				
Total	7.29	43.31	0	0
Total	7.29	43.31		
Tata				
Trombay 5	10.19	62.68	461	344
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	7.26	49	49
Trombay 7B	0.97	6.02	41	40
Trombay 8	0.00	0.00	0	0
TATA Hydro	8.49	45.26	459	175
Total	20.83	121.21		
AEMIL				
DTPS U-1&2	6.01	36.02	251	247
Total	6.01	36.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.98	632.84	MSPGCL Total	158.05	790.84
			MSPGCL Thml+Gas	130.38	662.09	Koyna 1,2 & 4 Total	18.19	79.61
			MSPGCL Hydro	27.67	128.75	State Total	346.63	1962.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	5326	1645	267	7238	511	5731	0	0	6121	5844	-1375	17949	0	17949	2499	20448	49.95
2	5369	924	267	6560	740	5849	0	0	6052	5867	-1200	17816	0	17816	2321	20137	50.02
3	5328	494	269	6091	797	5861	0	0	6203	6016	-1148	17617	0	17617	2170	19787	50.01
4	5143	499	268	5910	721	5873	0	0	6338	6435	-1183	17756	0	17756	2072	19828	50.02
5	4899	713	280	5892	648	5924	0	0	6507	6409	-1154	17719	0	17719	2015	19734	49.97
6	4930	1106	279	6315	595	5943	0	0	6895	7086	-1116	18823	0	18823	2033	20856	50.00
7	4856	1549	272	6677	552	5930	0	55	7745	8013	-1111	20116	0	20116	2036	22152	49.99
8	4933	1539	270	6742	415	5918	0	229	8365	8155	-1206	20253	0	20253	2173	22426	50.03
9	4932	893	269	6094	501	5929	0	487	8653	8538	-1376	20173	0	20173	2439	22612	50.02
10	4963	474	266	5703	447	5941	0	751	8979	8954	-1607	20189	0	20189	2704	22893	49.99
11	5016	767	264	6047	357	5960	0	981	9069	8794	-1762	20377	0	20377	2885	23262	49.94
12	5066	890	264	6220	189	5944	0	999	9215	9150	-1778	20724	0	20724	2938	23662	49.96
13	5100	1131	265	6496	173	6021	0	975	9046	8890	-1728	20827	0	20827	2932	23759	49.99
14	5181	789	261	6231	132	5994	0	838	9008	8769	-1636	20328	0	20328	2830	23158	49.99
15	5195	1119	259	6573	200	6060	0	730	8824	8778	-1719	20622	0	20622	2889	23511	49.91
16	5234	1511	260	7005	458	6055	0	596	8573	8252	-1739	20627	0	20627	2929	23556	49.90
17	5314	1204	259	6777	549	6085	0	439	8452	7915	-1640	20125	0	20125	2861	22986	49.96
18	5340	799	272	6411	492	6050	0	165	7800	7286	-1489	18915	0	18915	2725	21640	50.03
19	5320	699	272	6291	582	6065	0	42	6789	6505	-1320	18165	0	18165	2557	20722	49.92
20	5333	1277	262	6872	508	6062	0	0	6243	6066	-1285	18223	0	18223	2520	20743	49.77
21	5313	1877	261	7451	487	6045	0	0	5774	5677	-1267	18393	0	18393	2503	20896	49.80
22	5323	1926	264	7513	494	5980	0	0	5788	5579	-1262	18304	0	18304	2490	20794	49.84
23	5292	1916	264	7472	384	5990	0	0	6036	5857	-1349	18354	0	18354	2561	20915	49.84
24	5277	1926	267	7470	290	6015	0	0	6095	5962	-1410	18327	0	18327	2621	20948	49.94
MUs	123.98	27.67	6.40	158.05	11.22	143.22	0.00	7.29	178.57	174.80	-33.86	460.72	0.00	460.72	60.70	521.43	49.95

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 06/Jul/2021

Position as on 6.30 Hrs of 07/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		Continued.	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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 06/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 07/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/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Waluj Aurangabad(PG) II	InterState	06/07/2021	10.47	06/07/2021	11.52	T	Distance Protection
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		Continued.	T	Distance Protection
Deepnagar - Aurangabad	IntraState	06/07/2021	09.21	06/07/2021	17.57	PO	Replacement of faulty disc insulator string.
N.Koyna-Karad -Ckt II	IntraState	06/07/2021	09.45	06/07/2021	13.53	EO	Attending Hot Spot
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
400 KV ICT Outages/Tripping							
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 315 MVA ICT-I @ Nagothane	IntraState	06/07/2021	19.35	06/07/2021	21.56	T	Tripped on REF.
220 KV LINE Outages/Tripping							
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 Maintenance 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 - Kharghar I	IntraState	01/07/2021	10.40	06/07/2021	17.15	PO	Construction work.
Urse - Talegaon (Ambi) Ckt 1	IntraState	06/07/2021	02.53	06/07/2021	12.48	T	Distance Protection
Pedambe-Nerle	IntraState	06/07/2021	08.40	06/07/2021	14.28	EO	Attending Hot Spot
Solapur(Bale) - Tuljapur	IntraState	06/07/2021	10.15	06/07/2021	15.29	PO	Quarterly Maintenance Work
Hamidwada-Mumewadi	IntraState	06/07/2021	11.02	06/07/2021	17.25	PO	For CB overhauling work.
Waluj- Padegaon li	IntraState	06/07/2021	11.58	06/07/2021	14.31	EO	Attending Hot Spot
Maisal-Jath I	IntraState	06/07/2021	13.24	06/07/2021	17.28	PO	String replacement work.
Satana-Gangapur	IntraState	06/07/2021	13.45	06/07/2021	19.35	PO	Jumper replacement work
Bapgaon - Kalwa	IntraState	06/07/2021	18.29	06/07/2021	19.48	EO	Y ph CT oil leakage attending work.
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 Maintenance Work

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 06/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220 KV ICT Outages/Trippings							
220/132kv 100mva Ict 1 @Peth	IntraState	06/07/2021	09.43	06/07/2021	17.12	PO	Replacement of nylon gear in diverter switch assembly for Y&B Ph.
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	06/07/2021	10.12	06/07/2021	17.52	PO	Attending Oil Leakage
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

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