

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jul/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.333	508.860	1) Gujrat	-5.116	-6.934
2) Hydro	27.340	101.084	2) Madhya Pradesh	8.916	41.544
3) Gas	4.730	22.844	3) Chattisgarh	5.840	25.740
Total MSPGCL	147.403	632.788	4) Maharashtra	169.567	730.812
B) 1) APML	75.065	372.578	5) Goa (Amona)	-0.523	-4.268
2) JSWEL	19.749	95.448	Total	178.684	786.894
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.416	154.349
4) RPL(AMT)	31.307	152.014	b) Mumbai Drawl	33.113	153.350
5) SWPGPL	2.866	14.288	c) MSEDCL Bilateral *	59.587	224.931
6) Other IPP	7.920	38.509	Include PX	30.828	88.820
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.416	154.065
C) 1) TPCL Thermal	9.545	52.483	Include PX	11.610	64.896
2) TPCL Hydro	9.471	36.769	Standby	0.000	0.284
3) TPCL Gas	2.213	11.127	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.010	30.005	1) MSEDCL	453.650	2119.317
D) STATE			2) Mumbai Discoms	60.352	283.734
1) Thermal	267.795	1264.185	TOTAL STATE	514.002	2403.051
(A1+C1+C4+(B1-B6))					
2) Hydro	36.811	137.853			
(A2+C2)					
3) Gas	6.943	33.971			
(A3+B7+C3)					
4) Wind	16.691	144.125			
6) SOLAR	7.078	36.023			
TOTAL STATE	335.318	1616.157			

* 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 4 Hrs
MSPGCL Thermal	4738	4724	5152	4606
MSPGCL Hydro	1387	1488	1238	323
MSPGCL Gas	180	213	266	142
MSPGCL Total Generation	6305	6425	6656	5071
Central Sector Receipt	9350	9189	5834	6266
WIND	300	245	773	1163
CPP / IPP Thermal	5713	5661	5785	5739
CPP / IPP Gas	0	0	0	0
SOLAR	909	993	0	0
Exchange with Mumbai	-1764	-1708	-1233	-1071
MSEDCL DEMAND MET	20813	20805	17815	17168
Load Shedding	0	0	0	0
MSEDCL DEMAND	20813	20805	17815	17168
TPCL GENERATION	971	982	1000	697
AEML GENERATION	249	250	251	251
MUMBAI DEMAND	2984	2940	2484	2019
STATE DEMAND MET	23797	23745	20299	19187
STATE DEMAND	23797	23745	20299	19187
Frequency (Hz)	49.99	49.99	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 00:00 Hrs	49.73 Hz at 19:20 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 05/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	9.88	46.36	452	360
Unit 9	10.00	44.50	439	375
Unit 10	8.82	42.53	390	329
Total	28.71	133.40		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.34	32.17	470	385
Unit 5	10.43	33.10	465	375
Total	20.78	65.28		
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	3.35	16.12	148	125
Unit 4	0.00	9.89	0	0
Unit 5	9.27	43.18	395	380
Unit 6	9.04	23.81	395	360
Unit 7	0.00	0.00	0	0
Unit 8	10.08	51.80	442	390
Unit 9	10.13	50.53	458	384
Total	41.87	195.33		
Paras				
Unit 3	5.34	24.88	237	200
Unit 4	3.26	3.26	241	0
Total	8.60	28.14		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.48	3.82	125	0
Unit 3	0.83	4.68	160	0
Unit 4	1.00	4.93	170	0
Unit 5	11.77	57.87	500	460
Total	14.07	71.30		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	1.31	1.31	196	0
Total	1.31	15.41		
Uran				
All Units	4.73	22.84	274	140
Total	4.73	22.84		
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)	0.47	2.24	27	0
Total	0.47	2.24		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.06	23.10	485	40
Stage 4	11.97	38.32	1000	0
Stage 3	3.78	14.13	320	0
Total	21.82	75.54		
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.	0.44	2.22	80	0
SMLHY_PTN	4.82	21.28	215	185
GHATGHAR	0.26	0.88	125	0
Total	5.52	25.54		
Wind				
Total	16.69	144.12	0	0
Total	16.69	144.12		
CPP				
APML(Mus)	75.06	372.58	0	0
JSWEL(Mus)	19.75	95.45	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.31	152.01	0	0
SWPGPL-Mus	2.87	14.29	0	0
Other(Mus)	7.92	38.51	0	0
Total	136.91	672.84		
SOLAR				
Total	7.08	36.02	0	0
Total	7.08	36.02		
Tata				
Trombay 5	9.54	52.48	470	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.21	6.08	56	49
Trombay 7B	1.00	5.04	45	40
Trombay 8	0.00	0.00	0	0
TATA Hydro	9.47	36.77	459	286
Total	21.23	100.38		
AEMIL				
DTPS U-1&2	6.01	30.00	251	246
Total	6.01	30.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.33	508.86	MSPGCL Total	147.40	632.79
			MSPGCL Thml+Gas	120.06	531.70	Koyna 1,2 & 4 Total	18.04	61.42
			MSPGCL Hydro	27.34	101.08	State Total	335.32	1616.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4627	1365	151	6143	1204	5654	0	0	5762	5996	-1374	17623	0	17623	2403	20026	50.02
2	4620	674	141	5435	1349	5641	0	0	6399	6286	-1205	17506	0	17506	2229	19735	50.00
3	4627	391	142	5160	1230	5686	0	0	6238	6334	-1092	17318	0	17318	2103	19421	50.02
4	4606	323	142	5071	1163	5739	0	0	6226	6266	-1071	17168	0	17168	2019	19187	50.01
5	4615	303	141	5059	1014	5773	0	0	6557	6721	-993	17574	0	17574	1976	19550	50.02
6	4611	823	142	5576	1092	5716	0	0	7170	7096	-1026	18454	0	18454	1999	20453	50.00
7	4616	1301	152	6069	818	5667	0	60	8086	8136	-1037	19713	0	19713	2008	21721	50.00
8	4649	927	141	5717	651	5690	0	255	8902	8753	-1144	19922	0	19922	2149	22071	49.99
9	4643	743	140	5526	612	5720	0	498	8882	8897	-1353	19900	0	19900	2439	22339	49.97
10	4652	987	140	5779	428	5723	0	753	9086	8795	-1622	19856	0	19856	2716	22572	49.95
11	4673	1002	161	5836	371	5710	0	946	9240	9101	-1769	20195	0	20195	2925	23120	50.03
12	4738	1387	180	6305	300	5713	0	909	9268	9350	-1764	20813	0	20813	2984	23797	49.99
13	4724	1488	213	6425	245	5661	0	993	9114	9189	-1708	20805	0	20805	2940	23745	49.99
14	4756	1412	215	6383	430	5695	0	875	9020	8906	-1676	20613	0	20613	2871	23484	50.02
15	4739	1719	213	6671	472	5653	0	712	8964	8948	-1732	20724	0	20724	2928	23652	49.93
16	4672	1930	214	6816	420	5597	0	526	8743	8665	-1727	20297	0	20297	2948	23245	49.98
17	4780	1744	245	6769	474	5685	0	351	8588	8039	-1646	19672	0	19672	2868	22540	50.01
18	4917	1038	261	6216	545	5611	0	168	7911	7758	-1484	18814	0	18814	2727	21541	50.01
19	5055	838	262	6155	731	5659	0	32	6938	6390	-1284	17683	0	17683	2528	20211	49.95
20	5149	741	263	6153	867	5795	0	0	6269	6042	-1235	17622	0	17622	2484	20106	49.89
21	5152	1238	266	6656	773	5785	0	0	5933	5834	-1233	17815	0	17815	2484	20299	49.97
22	5213	1359	265	6837	608	5774	0	0	5928	5528	-1224	17523	0	17523	2472	19995	49.89
23	5242	1779	274	7295	473	5757	0	0	6038	5783	-1315	17993	0	17993	2547	20540	49.87
24	5257	1828	266	7351	421	5803	0	0	6183	5871	-1399	18047	0	18047	2605	20652	49.98
MUs	115.33	27.34	4.73	147.40	16.69	136.91	0.00	7.08	181.45	178.68	-33.11	453.65	0.00	453.65	60.35	514.00	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 05/Jul/2021

Position as on 6.30 Hrs of 06/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 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	Khaparkheda Unit 2	210	02/07/2021	00.00	05/07/2021	18.36	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 05/Jul/2021

Position as on 6.30 Hrs of 06/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)	
MSPGCL	Koradi Unit 10	660	06/07/2021	03.39		Continued.	Turbine problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 06/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
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		Continued.	PO	Jumper nut bolt tightening work.
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
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 - Bableshwar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
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 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.
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/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 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.
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.

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 05/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 06/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhugaon-WardhaPG (Deoli)	IntraState	05/07/2021	10.43	05/07/2021	19.49	PO	AMP of line bay.
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.
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.
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.
220/132kv 100mva lct 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

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