

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jun/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.018	3265.433	1) Gujrat	-5.823	-61.761
2) Hydro	3.431	81.391	2) Madhya Pradesh	3.867	132.578
3) Gas	6.388	129.010	3) Chattisgarh	3.750	71.810
Total MSPGCL	156.837	3475.834	4) Maharashtra	129.573	2386.858
B) 1) APML	59.963	1471.978	5) Goa (Amona)	-0.550	-8.448
2) JSWEL	26.014	505.634	Total	130.817	2521.037
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.957	621.764
4) RPL(AMT)	24.406	376.590	b) Mumbai Drawl	32.720	758.607
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.396	211.530
6) Other IPP	7.099	146.809	Include PX	2.680	-103.864
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.957	621.764
C) 1) TPCL Thermal	15.504	281.212	Include PX	8.418	250.158
2) TPCL Hydro	5.674	79.749	Standby	0.000	0.000
3) TPCL Gas	4.224	89.089	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.151	204.326	1) MSEDCL	405.006	8589.447
D) STATE			2) Mumbai Discoms	69.273	1412.985
1) Thermal	291.155	6251.982	TOTAL STATE	474.279	10002.432
(A1+C1+C4+(B1-B6))					
2) Hydro	9.105	161.140			
(A2+C2)					
3) Gas	10.612	218.099			
(A3+B7+C3)					
4) Wind	26.707	720.236			
6) SOLAR	5.883	129.936			
TOTAL STATE	343.462	7481.393			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6276	6238	5745	6269
MSPGCL Hydro	162	268	204	52
MSPGCL Gas	265	261	269	275
MSPGCL Total Generation	6703	6767	6218	6596
Central Sector Receipt	6105	6248	5410	4975
WIND	533	493	1763	1206
CPP / IPP Thermal	4797	5035	5019	4553
CPP / IPP Gas	0	0	0	0
SOLAR	745	580	0	0
Exchange with Mumbai	-1598	-1564	-1472	-1136
MSEDCL DEMAND MET	17285	17559	16938	16194
Load Shedding	0	0	0	0
MSEDCL DEMAND	17285	17559	16938	16194
TPCL GENERATION	1324	1329	1089	698
AEML GENERATION	497	499	443	374
MUMBAI DEMAND	3419	3392	3004	2208
STATE DEMAND MET	20704	20951	19942	18402
STATE DEMAND	20704	20951	19942	18402
Frequency (Hz)	50.02	49.92	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 09.59 Hrs	49.81 Hz at 19.12 Hrs	49.99	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 21/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.19	71.91	145	125
Unit 7	2.84	54.72	160	95
Unit 8	7.76	178.12	350	285
Unit 9	8.06	199.08	400	258
Unit 10	8.16	196.88	400	250
Total	30.01	700.71		
Bhusawal				
Unit 3	0.00	12.44	0	0
Unit 4	10.62	208.04	465	410
Unit 5	9.60	182.70	445	350
Total	20.22	403.17		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	11.77	0	0
Total	0.00	11.77		
Chandrapur				
Unit 3	4.37	90.25	190	162
Unit 4	4.12	72.06	180	140
Unit 5	9.78	197.99	425	360
Unit 6	9.68	207.64	460	290
Unit 7	0.00	145.71	0	0
Unit 8	10.31	227.22	465	361
Unit 9	10.41	221.97	470	354
Total	48.67	1162.84		
Paras				
Unit 3	5.81	119.15	250	224
Unit 4	5.81	116.40	250	227
Total	11.62	235.55		
Khaparkheda				
Unit 1	2.70	63.19	130	80
Unit 2	3.44	58.96	160	140
Unit 3	4.18	75.15	185	142
Unit 4	4.14	75.36	180	150
Unit 5	9.65	224.83	440	360
Total	24.11	497.49		
Nasik				
Unit 3	4.12	85.88	192	152
Unit 4	4.57	85.75	203	167
Unit 5	3.70	82.27	171	142
Total	12.40	253.90		
Uran				
All Units	6.39	129.01	276	251
Total	6.39	129.01		
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)	0.00	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	1.13	30.76	245	30
Stage 4	0.00	0.34	0	0
Stage 3	0.25	8.08	80	0
Total	1.38	39.19		
Hydro				
KDPH	0.41	6.48	17	17
VTRNA	0.86	14.81	61	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	4.51	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.16	1.34	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	1.95	0	0
GHATGHAR	0.20	10.43	125	0
Total	2.05	42.20		
Wind				
Total	26.71	720.24	0	0
Total	26.71	720.24		
CPP				
APML(Mus)	59.96	1471.98	0	0
JSWEL(Mus)	26.01	505.63	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	24.41	376.59	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.10	146.81	0	0
Total	117.48	2501.01		
SOLAR				
Total	5.88	129.94	0	0
Total	5.88	129.94		
Tata				
Trombay 5	10.20	177.43	483	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	56.47	116	79
Trombay 7B	1.56	32.62	67	55
Trombay 8	5.30	103.78	233	198
TATA Hydro	5.67	79.75	459	0
Total	25.40	450.05		
AEML				
DTPS U-1&2	11.15	204.33	500	373
Total	11.15	204.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.02	3265.43	MSPGCL Total	156.84	3475.83
			MSPGCL Thml+Gas	153.41	3394.44	Koyna 1,2 & 4 Total	1.13	31.11
			MSPGCL Hydro	3.43	81.39	State Total	343.46	7481.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Jun/2019

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	6389	100	272	6761	1581	4846	0	0	5193	5095	-1346	16937	0	16937	2729	19666	49.96
2	6365	52	274	6691	1611	4867	0	0	4977	4847	-1307	16709	0	16709	2486	19195	50.01
3	6297	52	265	6614	1440	4667	0	0	4828	4751	-1242	16230	0	16230	2310	18540	50.00
4	6269	52	275	6596	1206	4553	0	0	4734	4975	-1136	16194	0	16194	2208	18402	50.02
5	6271	47	276	6594	1100	4708	0	0	4871	5103	-1087	16418	0	16418	2158	18576	49.99
6	6252	47	275	6574	977	4890	0	0	5206	5704	-980	17165	0	17165	2218	19383	49.96
7	6258	271	275	6804	752	4929	0	53	5847	5752	-945	17345	0	17345	2266	19611	49.94
8	6264	138	274	6676	755	4893	0	214	5554	5631	-1049	17120	0	17120	2416	19536	49.98
9	6305	148	272	6725	812	4888	0	413	5388	5122	-1221	16739	0	16739	2739	19478	49.99
10	6275	158	261	6694	740	4934	0	644	5559	5504	-1355	17161	0	17161	3078	20239	50.02
11	6266	187	267	6720	602	4833	0	763	5799	5669	-1523	17064	0	17064	3321	20385	50.02
12	6276	162	265	6703	533	4797	0	745	6097	6105	-1598	17285	0	17285	3419	20704	50.02
13	6275	148	251	6674	421	4934	0	758	6073	6050	-1552	17285	0	17285	3379	20664	49.96
14	6198	213	253	6664	425	4963	0	617	5612	5878	-1470	17077	0	17077	3301	20378	49.93
15	6238	268	261	6767	493	5035	0	580	5848	6248	-1564	17559	0	17559	3392	20951	49.92
16	6296	112	252	6660	655	5033	0	510	6123	5940	-1585	17213	0	17213	3438	20651	49.98
17	6168	107	254	6529	843	4996	0	384	5716	5813	-1538	17027	0	17027	3388	20415	50.01
18	6067	112	265	6444	1081	5041	0	172	5507	5300	-1416	16622	0	16622	3252	19874	50.00
19	5836	147	257	6240	1483	4824	0	30	5116	4675	-1464	15788	0	15788	3079	18867	50.00
20	5745	204	269	6218	1763	5019	0	0	5125	5410	-1472	16938	0	16938	3004	19942	49.99
21	5659	262	270	6191	2032	5004	0	0	5192	5042	-1417	16852	0	16852	2974	19826	49.97
22	5622	267	262	6151	1915	4738	0	0	4959	5256	-1552	16508	0	16508	2885	19393	49.98
23	5753	130	272	6155	1766	4971	0	0	5291	5568	-1452	17008	0	17008	2898	19906	50.01
24	5674	47	271	5992	1721	5119	0	0	5388	5379	-1449	16762	0	16762	2935	19697	49.98
MUs	147.02	3.43	6.39	156.84	26.71	117.48	0.00	5.88	130.00	130.82	-32.72	405.01	0.00	405.01	69.27	474.28	49.99

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 21/Jun/2019

Position as on 6.30 Hrs of 22/Jun/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 3	210	04/06/2019	20.15		Continued.	Zero Schedule	
IPP	RPL(AMT) U-5	270	11/06/2019	17.01	22/06/2019	00.02	Zero Schedule	
MSPGCL	Koyna Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyna Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
MSPGCL	Chandrapur Unit 7	500	18/06/2019	15.41		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 22/Jun/2019

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
Dhule Sar'Sarovar I	InterState	20/06/2019	19.22		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/06/2019	18.53	21/06/2019	09.07	HT	Over Voltage
Ektuni - Taptitanda Ckt I	IntraState	21/06/2019	10.15	21/06/2019	16.59	PO	Diagnostic Testing & R & M Work.
Lonikand 1 - Talegaon(Pgcil)	IntraState	21/06/2019	14.45	21/06/2019	19.04	EO	Broken CVT Jump Clam Attending Work.
Khadka-Aurangabad (Waluj)	IntraState	21/06/2019	18.04		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/06/2019	18.28	21/06/2019	19.11	T	Distance Protection, operated, Zone-2, Y PH, 195KM from Lonikand end. 2.422KA.
Lonikand 1 -Jejuri	IntraState	21/06/2019	20.22		Continued.	EO	Broken CVT Jump Clam Attending Work.
Lonikand I - Koyna stage-IV	IntraState	22/06/2019	04.30		Continued.	T	Distance Protection,Y,B PH.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	21/06/2019	09.56	21/06/2019	15.52	PO	Replace Side Back Up Relay.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Mahad - Pedambe	IntraState	20/06/2019	09.00		Continued.	PO	Erection Stringing of Inline Tower of Proposed Kalambani Traction Substation.
Adlabs - Pedambe	IntraState	20/06/2019	09.05		Continued.	PO	Erection Stringing of Inline Tower of Proposed Kalambani Traction Substation.
Balapur-Akola I	IntraState	20/06/2019	11.48		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola II	IntraState	20/06/2019	11.49		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Lonikand2-Lonikand1 (Interconnector)	IntraState	21/06/2019	09.23	21/06/2019	19.40	PO	Making Twin Conductor Arrangement.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	21/06/2019	10.00	21/06/2019	18.12	PO	Diagnostic Testing Work.
BHUGAON WARORA CKT-I	IntraState	21/06/2019	10.05	21/06/2019	18.44	T	Distance Protection Z1 64.4KM 2.71KA R PH.Line Tripped From bhugaon End Only.
Hamidwada-Mumewadi	IntraState	21/06/2019	10.20	21/06/2019	12.32	PO	Tan Delta Measurment of CTs
Ongc Panvel - Tss Panvel	IntraState	21/06/2019	11.10	21/06/2019	19.10	PO	Earthwire Replacemnt.
Parly-Parly Extn.-II	IntraState	21/06/2019	12.11	21/06/2019	17.44	EO	B PH CT Leakage attending Work.
Padghe - Kambha	IntraState	21/06/2019	12.18	21/06/2019	21.37	PO	Jumper Replacment Work At Loc No.8 Of Top Phase Of M/C Line.
Padghe-Kamba II	IntraState	21/06/2019	12.37	21/06/2019	21.38	PO	Jumper Replacment Work At Loc No.8 Of Top Phase Of M/C Line.
Mumewadi-Belewadi	IntraState	21/06/2019	12.45	21/06/2019	14.31	PO	Quarterly Maintanance Work
Sawantwadi-Bidri	IntraState	21/06/2019	13.05	21/06/2019	19.38	PO	Diagnostic Testing.
220 KV ICT Outages/Trippings							
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	21/06/2019	08.51	21/06/2019	19.12	PO	OLTC MAINT.Work & Diagnostic Testing.
220/132 kv 200 MVA PTR I @Parvati	IntraState	21/06/2019	11.30	21/06/2019	17.32	PO	Transfer On TBC For SF6 GAS Filling.

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 21/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 22/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	21/06/2019	12.18	21/06/2019	14.18	PO	Pre Monsoon Maint.
220/22 Kv 50 Mva Cgl Ptr 2 @Pal- Dombivali	IntraState	21/06/2019	14.40	21/06/2019	17.48	PO	Pre Monsoon Maint.
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	21/06/2019	14.41		Continued.	PO	Pre Monsoon Maint.
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	21/06/2019	15.26	21/06/2019	16.10	EO	Attending Oil Leakage From Top Of Conservator Tank.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	21/06/2019	18.11	21/06/2019	21.16	PO	Pre Monsoon Maint.