

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jun/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.319	1923.568	1) Gujrat	-4.976	-25.286
2) Hydro	2.664	48.483	2) Madhya Pradesh	2.762	76.581
3) Gas	6.898	68.979	3) Chattisgarh	3.860	40.650
Total MSPGCL	158.881	2041.030	4) Maharashtra	111.694	1361.613
B) 1) APLM	66.954	851.280	5) Goa (Amona)	-0.330	-4.312
2) JSWEL	23.583	285.043	Total	113.010	1449.246
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.588	373.664
4) RPL(AMT)	18.759	285.954	b) Mumbai Drawl	37.342	462.974
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	6.881	112.824
6) Other IPP	6.711	84.386	Include PX	-8.655	-26.041
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.588	373.664
C) 1) TPCL Thermal	12.085	160.313	Include PX	15.277	167.330
2) TPCL Hydro	4.098	36.741	Standby	0.000	0.000
3) TPCL Gas	4.095	51.546	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.987	115.610	1) MSEDCL	396.809	4959.227
D) STATE			2) Mumbai Discoms	66.607	827.185
1) Thermal	286.398	3706.154	TOTAL STATE	463.416	5786.412
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.762	85.224			
3) Gas (A3+B7+C3)	10.993	120.525			
4) Wind	39.636	350.806			
6) SOLAR	6.617	74.456			
TOTAL STATE	350.406	4337.165			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5892	5930	6130	6489
MSPGCL Hydro	102	77	170	77
MSPGCL Gas	281	274	292	285
MSPGCL Total Generation	6275	6281	6592	6851
Central Sector Receipt	5268	4781	4612	4894
WIND	1991	2230	2145	1228
CPP / IPP Thermal	4683	4650	4645	4762
CPP / IPP Gas	0	0	0	0
SOLAR	915	871	0	0
Exchange with Mumbai	-2036	-1957	-1461	-1322
MSEDCL DEMAND MET	17096	16856	16533	16413
Load Shedding	0	0	0	0
MSEDCL DEMAND	17096	16856	16533	16413
TPCL GENERATION	936	976	965	646
AEML GENERATION	375	374	374	375
MUMBAI DEMAND	3347	3307	2800	2343
STATE DEMAND MET	20443	20163	19333	18756
STATE DEMAND	20443	20163	19333	18756
Frequency (Hz)	50.00	50.02	50.08	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 19:03 Hrs	49.73 Hz at 03:11 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 12/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.80	44.80	170	150
Unit 7	0.00	27.65	0	0
Unit 8	7.91	105.49	400	241
Unit 9	7.62	120.96	464	230
Unit 10	8.55	118.58	498	241
Total	27.88	417.48		
Bhusawal				
Unit 3	0.00	12.44	0	0
Unit 4	9.09	117.30	500	355
Unit 5	9.02	97.14	500	350
Total	18.12	226.87		
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	4.14	51.64	195	163
Unit 4	3.90	47.11	172	157
Unit 5	9.04	113.34	420	360
Unit 6	9.28	118.79	457	365
Unit 7	8.83	114.27	394	220
Unit 8	10.38	130.64	495	360
Unit 9	10.30	125.97	500	365
Total	55.87	701.76		
Paras				
Unit 3	5.54	68.74	257	190
Unit 4	5.57	66.11	254	195
Total	11.11	134.86		
Khaparkheda				
Unit 1	2.88	38.39	145	105
Unit 2	2.95	33.02	150	75
Unit 3	3.96	41.57	180	146
Unit 4	4.13	41.73	180	157
Unit 5	10.62	131.20	490	380
Total	24.54	285.92		
Nasik				
Unit 3	3.91	49.15	185	157
Unit 4	3.97	47.38	194	159
Unit 5	3.92	48.38	179	157
Total	11.80	144.92		
Uran				
All Units	6.90	68.98	304	274
Total	6.90	68.98		
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	1.28	16.44	210	40
Stage 4	0.00	0.00	0	0
Stage 3	0.33	3.91	80	0
Total	1.61	20.35		
Hydro				
KDPH	0.40	5.14	17	16
VTRNA	0.00	9.64	0	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.84	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.07	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	1.78	5	4
GHATGHAR	0.38	5.99	125	0
Total	1.05	28.13		
Wind				
Total	39.64	350.81	0	0
Total	39.64	350.81		
CPP				
APML(Mus)	66.95	851.28	0	0
JSWEL(Mus)	23.58	285.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.76	285.95	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.71	84.39	0	0
Total	116.01	1506.66		
SOLAR				
Total	6.62	74.46	0	0
Total	6.62	74.46		
Tata				
Trombay 5	7.27	101.35	316	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	32.83	116	75
Trombay 7B	1.52	18.72	66	53
Trombay 8	4.81	58.96	203	198
TATA Hydro	4.10	36.74	440	0
Total	20.28	248.60		
AEML				
DTPS U-1&2	8.99	115.61	375	373
Total	8.99	115.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.32	1923.57	MSPGCL Total	158.88	2041.03
			MSPGCL Thml+Gas	156.22	1992.55	Koyna 1,2 & 4 Total	1.28	16.44
			MSPGCL Hydro	2.66	48.48	State Total	350.41	4337.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	7036	107	274	7417	1389	5634	0	0	4748	4314	-1810	16944	0	16944	2939	19883	49.90
2	7048	61	295	7404	1459	5391	0	0	4691	4364	-1624	16994	0	16994	2711	19705	50.01
3	6651	71	275	6997	1329	5209	0	0	4621	4443	-1462	16516	0	16516	2533	19049	49.94
4	6515	71	284	6870	1260	4762	0	0	4859	4807	-1337	16362	0	16362	2404	18766	49.89
5	6489	77	285	6851	1228	4762	0	0	4944	4894	-1322	16413	0	16413	2343	18756	50.00
6	6617	67	285	6969	1118	5060	0	1	5065	4998	-1320	16826	0	16826	2335	19161	49.95
7	6957	62	288	7307	1040	5285	0	72	5031	5060	-1238	17526	0	17526	2282	19808	50.02
8	6755	62	287	7104	1329	5031	0	277	5040	4438	-1327	16852	0	16852	2393	19245	50.05
9	6196	77	284	6557	1457	4725	0	512	5197	4797	-1583	16465	0	16465	2675	19140	50.08
10	6024	92	274	6390	1660	4670	0	811	5331	5015	-1850	16696	0	16696	3005	19701	50.02
11	6076	102	284	6462	1734	4682	0	747	5693	4720	-2000	16345	0	16345	3248	19593	50.04
12	5892	102	281	6275	1991	4683	0	915	5631	5268	-2036	17096	0	17096	3347	20443	50.00
13	5930	77	274	6281	2230	4650	0	871	5665	4781	-1957	16856	0	16856	3307	20163	50.02
14	5789	61	287	6137	2181	4468	0	780	5125	4517	-1731	16352	0	16352	3114	19466	50.02
15	5739	71	288	6098	2145	4304	0	603	4912	5067	-1623	16594	0	16594	3099	19693	50.00
16	5668	186	293	6147	2023	4277	0	475	5112	4944	-1604	16262	0	16262	3078	19340	50.02
17	5668	107	300	6075	2091	4244	0	374	5075	5084	-1635	16233	0	16233	3052	19285	50.05
18	5705	231	290	6226	2058	4195	0	160	4447	5001	-1631	16009	0	16009	2977	18986	50.06
19	6149	96	292	6537	1818	4469	0	19	4317	4366	-1600	15609	0	15609	2867	18476	50.16
20	6130	170	292	6592	2145	4645	0	0	4103	4612	-1461	16533	0	16533	2800	19333	50.08
21	6078	261	293	6632	1972	5136	0	0	3921	3978	-1373	16345	0	16345	2661	19006	50.03
22	6084	161	304	6549	1372	5167	0	0	4062	4109	-1276	15921	0	15921	2531	18452	50.05
23	6120	146	294	6560	1360	5286	0	0	4469	4656	-1250	16612	0	16612	2474	19086	50.01
24	6003	146	295	6444	1247	5272	0	0	4777	4777	-1292	16448	0	16448	2432	18880	50.04
MUs	149.32	2.66	6.90	158.88	39.64	116.01	0.00	6.62	116.84	113.01	-37.34	396.81	0.00	396.81	66.61	463.42	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 12/Jun/2019

Position as on 6.30 Hrs of 13/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
MSPGCL	Koyana STG-IV Unit-3	250	07/06/2019	10.00		Continued.	Stepup T/F Oil Leakage and Shaft Seal replacement	
MSPGCL	Koradi Unit 7	210	10/06/2019	17.06		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-5	270	11/06/2019	17.01		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 7	500	12/06/2019	23.57		Continued.	DM leakage attending work.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 13/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 II	InterState	04/06/2019	18.55	12/06/2019	11.16	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	12/06/2019	06.11	12/06/2019	07.07	T	Tripped due to R-Phase breaker pole burst of reactor bay.
Dhule Sar'Sarovar II	InterState	12/06/2019	17.12	12/06/2019	22.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/06/2019	18.18	12/06/2019	08.52	HT	Over Voltage
Koradi-Khaperkhedha li	IntraState	12/06/2019	08.51	12/06/2019	14.04	PO	Attending Hot Spot
Chandrapur - Khaperkheda	IntraState	12/06/2019	14.28	12/06/2019	21.01	PO	Routine Maintenance Work
Deepnagar Taptitanda	IntraState	12/06/2019	15.29	12/06/2019	19.51	PO	Hot spot attending work.
Khadka-Aurangabad (Waluj)	IntraState	12/06/2019	16.48		Continued.	HT	Over Voltage
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 Kv 600 MVA ICT-II @Kalwa	IntraState	12/06/2019	06.00	12/06/2019	09.02	EO	To attend DC Leakage
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	12/06/2019	15.29	12/06/2019	16.34	PO	OTI R & Y Phase.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	12/06/2019	16.00	12/06/2019	16.40	T	Busbar protection operated.
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.
Khaparkhedha-Butibori 3	InterState	12/06/2019	09.54	12/06/2019	14.06	T	Broken disc insulator string replacement work.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Warora - Hinganghat	IntraState	07/06/2019	17.16		Continued.	T	Tower Collapsed At Location No.327, RYB 3.94KA, 4.41KA, 4.11KA.
Dhule-Chalisagaon	IntraState	12/06/2019	08.37	12/06/2019	10.32	PO	Diagnostic testing work.
Dahanu Versova	IntraState	12/06/2019	09.16	12/06/2019	12.14	PO	Attending Hot Spot
Osmanabad - Barshi	IntraState	12/06/2019	10.00	12/06/2019	12.20	PO	Quarterly Maintenance Work
Sawantwadi-Bidri	IntraState	12/06/2019	10.10	12/06/2019	15.30	PO	Insulator Replacement Work
Butibori-Abhijeet	IntraState	12/06/2019	10.42	12/06/2019	16.28	PO	Tan delta and signature test.
ACCIL - Apta	IntraState	12/06/2019	11.23	12/06/2019	16.54	PO	Tree cutting.
Sonkhar - Trombay	IntraState	12/06/2019	12.46	12/06/2019	16.50	T	Trombay end tripped Y PH E/F 15KA.
Nagothane - Spcl	IntraState	12/06/2019	16.00	12/06/2019	16.47	T	Busbar protection operated.
Nagothane - ACCIL	IntraState	12/06/2019	16.00	12/06/2019	16.45	T	Busbar protection operated.
Nagothane-Wadkhal II	IntraState	12/06/2019	16.00	12/06/2019	23.04	T	Busbar protection operated.
IPCL - SPCL	IntraState	12/06/2019	16.50		Continued.	HT	Hand trip due heavy sparking on B-Phase CT.
Phursungi-Parvati	IntraState	13/06/2019	01.23	13/06/2019	02.22	T	Busbar protection operated due to bursting of R HP PT of PT no.2

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 12/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 13/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nandedcity-Parvati	IntraState	13/06/2019	01.23	13/06/2019	02.44	T	Busbar protection operated due to bursting of R HP PT of PT no.2
Parvati - Hybrid Pass	IntraState	13/06/2019	01.23	13/06/2019	03.00	T	Busbar protection operated due to bursting of R HP PT of PT no.2
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucchoz Trip.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	01/06/2019	11.30		Continued.	PO	Oil Filtration Work.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	11/06/2019	16.22	12/06/2019	10.30	T	Differential protection
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	12/06/2019	07.19	12/06/2019	11.21	PO	Diagnostic testing work.
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	12/06/2019	09.16	12/06/2019	10.46	PO	Pre-monsoon maintenance work.
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	12/06/2019	09.55	12/06/2019	10.45	PO	Quarterly Maintainance Work
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	12/06/2019	10.35	12/06/2019	12.18	PO	Pre-monsoon maintenance work.
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	12/06/2019	10.50	12/06/2019	14.15	PO	Quarterly Maintainance Work
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	12/06/2019	10.59	12/06/2019	12.52	PO	Pre-monsoon maintenance work.
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	12/06/2019	12.23	12/06/2019	13.33	PO	Pre-monsoon maintenance work.
220/132KV 200MVA ICT2@Parvati	IntraState	13/06/2019	01.23	13/06/2019	02.40	T	Busbar protection operated due to bursting of R HP PT of PT no.2
220/132 kv 200 MVA PTR I @Parvati	IntraState	13/06/2019	01.23	13/06/2019	02.40	T	Busbar protection operated due to bursting of R HP PT of PT no.2

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