

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.331	2509.665	1) Gujrat	-2.847	-38.638
2) Hydro	4.201	61.392	2) Madhya Pradesh	7.451	97.065
3) Gas	6.705	96.250	3) Chattisgarh	3.480	52.730
Total MSPGCL	157.237	2667.307	4) Maharashtra	103.166	1804.088
B) 1) APLM	71.779	1136.896	5) Goa (Amona)	-0.330	-6.006
2) JSWEL	21.742	380.119	Total	110.920	1909.239
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.910	484.203
4) RPL(AMT)	5.222	318.718	b) Mumbai Drawl	27.342	592.841
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.062	146.440
6) Other IPP	6.760	111.600	Include PX	-6.698	-91.985
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.910	484.203
C) 1) TPCL Thermal	13.010	209.672	Include PX	2.635	206.337
2) TPCL Hydro	2.571	52.398	Standby	0.000	0.000
3) TPCL Gas	4.361	68.168	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.762	153.301	1) MSEDCL	398.010	6547.835
D) STATE			2) Mumbai Discoms	57.046	1076.381
1) Thermal	274.606	4819.971	TOTAL STATE	455.056	7624.216
(A1+C1+C4+(B1-B6))					
2) Hydro	6.772	113.790			
(A2+C2)					
3) Gas	11.066	164.418			
(A3+B7+C3)					
4) Wind	45.396	517.067			
6) SOLAR	6.296	99.730			
TOTAL STATE	344.136	5714.976			

* 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	5876	5925	6554	6247
MSPGCL Hydro	97	85	244	112
MSPGCL Gas	266	276	282	284
MSPGCL Total Generation	6239	6286	7080	6643
Central Sector Receipt	4906	4661	4176	4247
WIND	2386	2387	1971	1302
CPP / IPP Thermal	4136	4280	4356	4725
CPP / IPP Gas	0	0	0	0
SOLAR	775	831	0	0
Exchange with Mumbai	-1184	-1217	-1195	-841
MSEDCL DEMAND MET	17258	17228	16388	16076
Load Shedding	0	0	0	0
MSEDCL DEMAND	17258	17228	16388	16076
TPCL GENERATION	874	851	983	865
AEML GENERATION	375	374	374	485
MUMBAI DEMAND	2433	2442	2552	2191
STATE DEMAND MET	19691	19670	18940	18267
STATE DEMAND	19691	19670	18940	18267
Frequency (Hz)	50.00	50.02	49.98	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 09.39 Hrs	49.86 Hz at 00.17 Hrs	50.03	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 16/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.30	58.94	160	115
Unit 7	3.13	38.83	163	85
Unit 8	7.07	135.99	355	225
Unit 9	6.54	152.76	373	160
Unit 10	7.90	152.91	380	280
Total	27.95	539.43		
Bhusawal				
Unit 3	0.00	12.44	0	0
Unit 4	9.74	154.98	495	360
Unit 5	8.42	132.96	500	300
Total	18.16	300.38		
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	4.32	68.60	195	163
Unit 4	0.00	58.71	0	0
Unit 5	9.31	150.03	420	365
Unit 6	9.84	157.49	450	360
Unit 7	9.47	130.39	435	326
Unit 8	10.68	173.02	500	360
Unit 9	10.38	167.41	480	370
Total	54.00	905.66		
Paras				
Unit 3	5.40	90.27	250	185
Unit 4	5.21	87.33	255	170
Total	10.60	177.60		
Khaparkhedda				
Unit 1	3.12	49.92	145	105
Unit 2	2.77	45.54	140	90
Unit 3	3.52	57.08	160	134
Unit 4	3.72	56.60	165	148
Unit 5	10.42	173.09	450	375
Total	23.55	382.24		
Nasik				
Unit 3	3.99	65.11	190	150
Unit 4	4.19	63.70	199	163
Unit 5	3.88	63.79	179	150
Total	12.06	192.60		
Uran				
All Units	6.70	96.25	285	266
Total	6.70	96.25		
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	1.49	22.34	300	40
Stage 4	0.00	0.19	0	0
Stage 3	0.71	5.78	138	0
Total	2.20	28.31		
Hydro				
KDPH	0.00	5.66	0	0
VTRNA	1.01	10.67	61	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	2.72	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	0.00	1.95	1	0
GHATGHAR	0.76	8.34	250	0
Total	2.00	33.08		
Wind				
Total	45.40	517.07	0	0
Total	45.40	517.07		
CPP				
APML(Mus)	71.78	1136.90	0	0
JSWEL(Mus)	21.74	380.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.22	318.72	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.76	111.60	0	0
Total	105.50	1947.33		
SOLAR				
Total	6.30	99.73	0	0
Total	6.30	99.73		
Tata				
Trombay 5	8.07	131.24	462	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	43.29	117	107
Trombay 7B	1.59	24.88	67	64
Trombay 8	4.94	78.43	231	198
TATA Hydro	2.57	52.40	284	0
Total	19.94	330.24		
AEML				
DTPS U-1&2	9.76	153.30	501	372
Total	9.76	153.30		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	146.33	2509.66
MSPGCL Thml+Gas	153.04	2605.92
MSPGCL Hydro	4.20	61.39

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	157.24	2667.31
Koyna 1,2 & 4 Total	1.49	22.53
State Total	344.14	5714.98

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Jun/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6225	621	282	7128	1367	4837	0	0	4337	4691	-1304	16719	0	16719	2584	19303	49.96
2	6235	483	285	7003	1370	4873	0	0	4475	4343	-1153	16436	0	16436	2422	18858	50.03
3	6248	228	284	6760	1282	4809	0	0	4400	4285	-925	16211	0	16211	2287	18498	50.04
4	6247	112	284	6643	1302	4725	0	0	4425	4247	-841	16076	0	16076	2191	18267	50.05
5	6222	102	284	6608	1291	4578	0	0	4763	4758	-1005	16230	0	16230	2113	18343	50.03
6	6295	106	284	6685	1343	4661	0	0	4879	5190	-1008	16871	0	16871	2119	18990	49.98
7	6369	105	285	6759	1240	4762	0	48	5223	5358	-853	17314	0	17314	2084	19398	50.05
8	6064	105	284	6453	1271	4604	0	226	5326	5218	-999	16773	0	16773	2088	18861	50.13
9	5992	100	283	6375	1748	4521	0	442	4828	5050	-1076	17060	0	17060	2159	19219	50.02
10	5869	49	281	6199	2016	4249	0	594	4959	4804	-1152	16710	0	16710	2265	18975	50.22
11	5511	50	278	5839	2281	3999	0	718	4801	4999	-1154	16682	0	16682	2343	19025	50.07
12	5876	97	266	6239	2386	4136	0	775	4692	4906	-1184	17258	0	17258	2433	19691	50.00
13	5925	85	276	6286	2387	4280	0	831	4788	4661	-1217	17228	0	17228	2442	19670	50.02
14	5789	80	266	6135	2430	4153	0	745	4667	4558	-1259	16762	0	16762	2456	19218	49.99
15	5882	107	275	6264	2558	4101	0	723	4894	4623	-1290	16979	0	16979	2488	19467	50.00
16	5571	186	268	6025	2731	3994	0	597	4711	4670	-1231	16786	0	16786	2430	19216	49.98
17	5634	146	277	6057	2670	4027	0	371	4502	4463	-1165	16423	0	16423	2394	18817	50.02
18	5783	103	267	6153	2573	4030	0	194	4231	4327	-1158	16119	0	16119	2396	18515	50.01
19	5866	105	279	6250	2362	3845	0	32	4060	4167	-1151	15505	0	15505	2376	17881	50.04
20	6115	147	281	6543	2128	3940	0	0	4304	4496	-1134	15973	0	15973	2458	18431	50.00
21	6554	244	282	7080	1971	4356	0	0	4056	4176	-1195	16388	0	16388	2552	18940	49.98
22	6628	244	285	7157	1776	4655	0	0	3606	4008	-1259	16337	0	16337	2597	18934	49.99
23	6722	326	285	7333	1583	4669	0	0	4117	4202	-1359	16428	0	16428	2631	19059	49.99
24	6709	270	284	7263	1330	4699	0	0	4387	4720	-1270	16742	0	16742	2738	19480	50.00
MUs	146.33	4.20	6.70	157.24	45.40	105.50	0.00	6.30	109.43	110.92	-27.34	398.01	0.00	398.01	57.05	455.06	50.03

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 16/Jun/2019

Position as on 6.30 Hrs of 17/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	Koyna STG-IV Unit-3	250	07/06/2019	10.00	16/06/2019	14.22	Stepup T/F Oil Leakage and Shaft Seal replacement	
IPP	RPL(AMT) U-5	270	11/06/2019	17.01		Continued.	Zero Schedule	
IPP	RPL(AMT) U-4	270	13/06/2019	17.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/06/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-2	270	14/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 4	210	15/06/2019	23.42		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 17/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	15/06/2019	17.35		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/06/2019	20.51		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	16/06/2019	11.41	16/06/2019	18.04	PO	Routine Maintenance Work
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 500 MVA ICT-III @Kalwa	IntraState	16/06/2019	08.53	16/06/2019	13.03	PO	OLTC Overhauling & Maint Work.
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)
Warora - Hinganghat	IntraState	07/06/2019	17.16		Continued.	T	Tower Collapsed At Location No.327, RYB 3.94KA, 4.41KA, 4.11KA.
Kandalgaon - Pirangut	IntraState	16/06/2019	05.36	16/06/2019	11.27	PO	Jumper connecting hybrid pass 1.
VILEBHAGAD KANDALGAON	IntraState	16/06/2019	05.38	16/06/2019	11.30	PO	Jumper connecting hybrid pass 1.
Kandalgaon - Bhira	IntraState	16/06/2019	05.43	16/06/2019	11.14	PO	Jumper connecting hybrid pass 1.
Kandalgaon - ONGC Panvel	IntraState	16/06/2019	05.55	16/06/2019	11.13	PO	Jumper connecting hybrid pass 1.
Kandalgaon - Koyna (Pophali)	IntraState	16/06/2019	06.00	16/06/2019	13.35	PO	Jumper connecting hybrid pass 1.
Kandalgaon - Sona Alloys	IntraState	16/06/2019	06.15	16/06/2019	11.52	PO	Jumper connecting hybrid pass 1.
Dasturi-Kandalgaon Line	IntraState	16/06/2019	06.20	16/06/2019	11.08	PO	Jumper connecting hybrid pass 1.
Trombay - Kalwa	IntraState	16/06/2019	08.19	16/06/2019	11.20	EO	Red Hot On R PH CB Top Palm.
Boisar II - Tarapur	IntraState	16/06/2019	10.31	16/06/2019	16.06	PO	Replacement Of Rusted Overhead Earthwire.
Kalwa Salsette III	IntraState	16/06/2019	12.22	16/06/2019	13.46	PO	CB & LA Testing.
Trombay Carnac 5	IntraState	16/06/2019	13.24		Continued.	HT	For Safety Purpose.
Trombay Salsette 1 Backbay	IntraState	16/06/2019	13.24	16/06/2019	22.58	HT	For Safety Purpose.
Hinjawadi I- Chinchwad	IntraState	16/06/2019	14.40	16/06/2019	17.53	HT	Load Manegment To Avail Outage On Urse Talegaon CKT1.
Urse - Talegaon (Ambi) Ckt 1	IntraState	16/06/2019	15.14	16/06/2019	17.46	PO	Replacment Of Pilot Broken String.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/22 Kv 50 Mva Ngef Ptr 1 @Kandalgaon	IntraState	16/06/2019	05.35	16/06/2019	11.55	PO	Bus Section 1 Outages For Connecting Jumper Of Hybrid Pass.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	16/06/2019	09.28	16/06/2019	17.07	T	Distance Protection,Z1,R-E,2.9KM,14.6KA.
Boisar li - Viraj	IntraState	16/06/2019	13.11	16/06/2019	14.50	T	Distance Protection, LTS Operated,Load Affected 74.6MW.
Beed (220kv) - Georai	IntraState	16/06/2019	16.54	16/06/2019	18.15	T	Distance Protection,Y PH Z1 7.33KM IF=5.2KA.

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