

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/May/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.059	2482.252	1) Gujrat	-1.016	-61.632
2) Hydro	24.182	493.948	2) Madhya Pradesh	16.901	285.537
3) Gas	7.004	127.564	3) Chattisgarh	7.350	124.200
Total MSPGCL	170.245	3103.764	4) Maharashtra Net	139.781	2238.507
B) 1) APML	50.560	709.708	5) Goa (Amona)	-0.110	-6.842
2) JSWEL	27.560	471.705	Total	162.906	2579.770
3) VIPL	5.064	86.159	a) Mumbai Schedule	32.617	496.945
4) RPL(AMT)	13.197	260.316	b) Mumbai Drawl	34.815	523.562
5) WPCL	4.412	71.219	c) MSEDCL Bilateral *	53.146	747.071
6) PGPL	0.000	0.000	Include PX	18.921	157.870
7) Other IPP	9.263	168.718	d) Mumbai Bilateral *	32.617	496.865
C) 1) TPCL Thermal	16.876	282.973	Include PX	14.156	203.552
2) TPCL Hydro	5.957	85.910	Include Standby	0.000	0.080
3) TPCL Gas	2.193	45.926	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.947	199.322	1) MSEDCL	431.994	7356.200
D) STATE			2) Mumbai Discoms	71.788	1137.679
1) Thermal	277.938	4732.372	TOTAL STATE	503.782	8493.879
(A1+C1+C4+(B1-B6))					
2) Hydro	30.139	579.858			
(A2+C2)					
3) Gas	9.197	173.490			
(A3+B6+C3)					
4) Wind	18.045	323.570			
6) SOLAR	5.557	104.833			
TOTAL STATE	340.876	5914.123			

* 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 5 Hrs
MSPGCL Thermal	5747	5769	5660	5826
MSPGCL Hydro	999	997	874	1644
MSPGCL Gas	282	280	287	304
MSPGCL Total Generation	7028	7046	6821	7774
Central Sector Receipt	8073	7935	6003	6069
WIND	472	894	1461	428
CPP / IPP Thermal	4253	4431	4704	4309
CPP / IPP Gas	0	0	0	0
SOLAR	797	601	0	0
Exchange with Mumbai	-1810	-1807	-1492	-910
MSEDCL DEMAND MET	18813	19100	17497	17670
Load Shedding	0	0	0	0
MSEDCL DEMAND	18813	19100	17497	17670
TPCL GENERATION	1138	1257	1182	874
R-INFRA GENERATION	494	498	498	499
MUMBAI DEMAND	3442	3562	3172	2283
STATE DEMAND MET	22255	22662	20669	19953
STATE DEMAND	22255	22662	20669	19953
Frequency (Hz)	49.94	49.90	49.91	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:01 Hrs	49.79 Hz at 22:22 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 17/May/2018

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	7.89	144.29	354	204
Unit 9	8.28	149.99	366	317
Unit 10	7.86	142.50	352	266
Total	24.04	436.78		
Bhusawal				
Unit 3	0.00	68.64	0	0
Unit 4	7.80	175.78	475	28
Unit 5	1.33	166.98	395	0
Total	9.12	411.41		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.82	87.66	250	205
Unit 7	5.66	87.38	248	216
Unit 8	5.57	79.28	237	219
Total	17.05	254.32		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.13	166.82	470	454
Unit 6	0.00	0.00	0	0
Unit 7	10.67	120.73	452	429
Unit 8	10.23	161.47	440	400
Unit 9	10.42	161.35	457	407
Total	42.44	610.37		
Paras				
Unit 3	5.91	95.99	252	232
Unit 4	5.97	92.68	253	235
Total	11.88	188.66		
Khaparkheda				
Unit 1	3.66	62.06	165	130
Unit 2	3.92	65.71	175	145
Unit 3	4.20	66.92	184	167
Unit 4	4.25	66.44	190	165
Unit 5	9.78	174.58	436	390
Total	25.81	435.71		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.42	73.12	190	171
Unit 5	4.30	71.87	195	152
Total	8.72	145.00		
Uran				
All Units	7.00	127.56	304	280
Total	7.00	127.56		
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)	0.17	0.92	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	0.92		
Koyna				
Stage 1-2	6.55	121.00	530	40
Stage 4	11.38	247.36	1000	0
Stage 3	4.17	80.14	320	0
Total	22.10	448.51		
Hydro				
KDPH	0.72	13.05	30	29
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	4.72	80	0
RNGR+BHTSA	0.27	4.67	12	11
BHANDARDRA	0.50	8.29	45	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	6.78	11	10
GHATGHAR	0.00	5.31	0	0
Total	2.09	45.44		
Wind				
Total	18.04	323.57	0	0
Total	18.04	323.57		
CPP				
APML(Mus)	50.56	709.71	0	0
JSWEL(Mus)	27.56	471.70	0	0
VIPL(Mus)	5.06	86.16	0	0
RPLAMT(Mus)	13.20	260.32	0	0
WPCL(Mus)	4.41	71.22	0	0
Other(Mus)	9.26	168.72	0	0
Total	110.06	1767.82		
SOLAR				
Total	5.56	104.83	0	0
Total	5.56	104.83		
Tata				
Trombay 5	11.20	187.57	478	441
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	26.30	56	44
Trombay 7B	0.99	19.63	45	37
Trombay 8	5.68	95.40	242	231
TATA Hydro	5.96	85.91	459	19
Total	25.03	414.81		
R-INFRA				
DTPS U-1&2	11.95	199.32	500	494
Total	11.95	199.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.06	2482.25	MSPGCL Total	170.24	3103.76
			MSPGCL Thml+Gas	146.06	2609.82	Koyna 1,2 & 4 Total	17.93	368.36
			MSPGCL Hydro	24.18	493.95	State Total	340.88	5914.12

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/May/2018

Annexure-2

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	5816	1753	301	7870	682	4836	0	0	5644	5773	-1342	17819	0	17819	2863	20682	49.87
2	5892	1869	293	8054	537	4831	0	0	5516	5488	-1181	17729	0	17729	2641	20370	49.96
3	5862	1903	302	8067	494	4747	0	0	5703	5623	-1093	17838	0	17838	2472	20310	49.94
4	5895	1859	292	8046	556	4385	0	0	5644	5733	-983	17737	0	17737	2356	20093	49.92
5	5826	1644	304	7774	428	4309	0	0	5810	6069	-910	17670	0	17670	2283	19953	49.96
6	5740	1497	293	7530	480	4302	0	0	6424	6652	-967	17997	0	17997	2290	20287	49.94
7	5708	1510	304	7522	547	4276	0	44	7024	7294	-930	18753	0	18753	2251	21004	49.98
8	5781	1138	304	7223	520	4272	0	178	7031	7332	-1023	18502	0	18502	2371	20873	50.00
9	5716	1014	290	7020	571	4263	0	382	6925	7290	-1322	18204	0	18204	2679	20883	49.97
10	5742	1215	288	7245	485	4316	0	545	7064	7515	-1521	18585	0	18585	3019	21604	49.95
11	5749	1007	294	7050	463	4301	0	654	7244	7075	-1734	17809	0	17809	3311	21120	49.92
12	5747	999	282	7028	472	4253	0	797	7887	8073	-1810	18813	0	18813	3442	22255	49.94
13	5802	976	282	7060	480	4250	0	790	8219	8299	-1820	19059	0	19059	3491	22550	49.97
14	5780	910	281	6971	647	4266	0	723	7973	7994	-1794	18807	0	18807	3442	22249	49.94
15	5769	997	280	7046	894	4431	0	601	7972	7935	-1807	19100	0	19100	3562	22662	49.90
16	5703	791	281	6775	1018	4868	0	411	7948	7690	-1853	18909	0	18909	3606	22515	49.95
17	5704	281	292	6277	886	4935	0	300	7893	8050	-1791	18657	0	18657	3537	22194	49.95
18	5726	242	284	6252	1379	4849	0	115	7391	7401	-1687	18309	0	18309	3398	21707	49.97
19	5669	634	287	6590	1045	4590	0	17	6093	6396	-1620	17018	0	17018	3212	20230	50.01
20	5660	874	287	6821	1461	4704	0	0	5805	6003	-1492	17497	0	17497	3172	20669	49.91
21	5949	193	300	6442	1045	4989	0	0	5788	5784	-1558	16702	0	16702	3129	19831	49.99
22	5984	102	290	6376	1179	5058	0	0	5788	5487	-1526	16574	0	16574	3119	19693	49.98
23	6063	307	300	6670	870	5055	0	0	5886	5930	-1533	16992	0	16992	3063	20055	49.93
24	5776	467	293	6536	906	4970	0	0	6003	6020	-1518	16914	0	16914	3079	19993	49.91
MUs	139.06	24.18	7.00	170.24	18.05	110.06	0.00	5.56	160.67	162.91	-34.82	431.99	0.00	431.99	71.79	503.78	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 17/May/2018

Position as on 6.30 Hrs of 18/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	16/05/2018	17.29		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	16/05/2018	20.00		Continued.	CRH to DCH Steam Line Leakage	
MSPGCL	Bhusawal Unit 4	500	17/05/2018	23.11		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2018

Statement-VII

Position as on 6.30 Hrs of 18/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	17/05/2018	17.29	17/05/2018	22.30	T	Distance Protection
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	16/05/2018	17.40	17/05/2018	06.52	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/05/2018	08.23		Continued.	PO	Line Maintenance work
Koradi III(Adani)-Korad II Ckt-I	IntraState	16/05/2018	19.37	17/05/2018	02.49	T	Tripped on Power Swing
Koradi-Bhusawal	IntraState	17/05/2018	07.58	17/05/2018	16.43	PO	Replacement Of Faulty Insulator String.
Karad-Jaigad - I	IntraState	17/05/2018	09.27	17/05/2018	16.44	PO	Quarterly Maintenance Work
New Koyna - Dabhol-I	IntraState	17/05/2018	17.53		Continued.	T	Distance Protection
Lonikand 1 - Talegaon(Pgcil)	IntraState	17/05/2018	18.04	17/05/2018	22.54	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	17/05/2018	19.41	18/05/2018	06.37	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	17/05/2018	06.28	17/05/2018	09.06	PO	pre-monsoon work
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	17/05/2018	07.43	17/05/2018	19.08	PO	Routine Maintenance Work
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	17/05/2018	08.35	17/05/2018	17.53	PO	Pre-monsoon Maintenance Work.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	17/05/2018	15.12	18/05/2018	01.04	EO	Attending Hot Spot
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.
Mudshingi Chikodi	InterState	17/05/2018	16.14	18/05/2018	06.07	T	Distance Protection
Talandage - Chikodi	InterState	17/05/2018	16.15		Continued.	T	Distance Protection
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39		Continued.	PO	insulator replacement work.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Kandalgaon - Koyna	IntraState	17/05/2018	08.05	17/05/2018	17.50	PO	Routine Maintenance Work
Chinchwad-Hinjewadi I	IntraState	17/05/2018	08.24	17/05/2018	19.21	HT	Over Voltage
Telco- Chinchwad	IntraState	17/05/2018	08.40	17/05/2018	19.16	PO	Routine Maintenance Work
Amalner - Bambhori	IntraState	17/05/2018	09.08	17/05/2018	13.03	PO	Y & B-PH Faulty LA Replacement.
Padghe - Jindal	IntraState	17/05/2018	09.52	17/05/2018	19.55	PO	Diagnostic Testing Work.
Theur-Phursungi	IntraState	17/05/2018	10.00	17/05/2018	13.05	PO	Half yearly maintenance work
Butibori-Abhijeet	IntraState	17/05/2018	15.45	17/05/2018	16.35	T	Distance Protection
Talandge-Hamidwada	IntraState	17/05/2018	16.14	17/05/2018	21.29	T	Distance Protection
Kolhapur-Bidri	IntraState	17/05/2018	16.20	17/05/2018	23.38	T	Distance Protection
Pusad - Hingoli	IntraState	17/05/2018	18.07	17/05/2018	18.33	T	Distance Protection
Lonand-Baramati	IntraState	17/05/2018	20.15	17/05/2018	21.30	T	Supply Fail Upper Substation.
Lonand-Bothe	IntraState	17/05/2018	20.15	17/05/2018	21.30	T	Incomer Supply Fail.

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 17/May/2018

Statement-VII

Position as on 6.30 Hrs of 18/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri- Ismt- Lonand	IntraState	17/05/2018	20.15	17/05/2018	21.00	T	Distance Protection
Jejuri (400 Kv)-Jejuri- I	IntraState	17/05/2018	21.36	17/05/2018	22.54	T	Incomer Supply Fail.
Jejuri (400 Kv)-Jejuri- li	IntraState	17/05/2018	21.36	17/05/2018	22.54	T	Incomer Supply Fail.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	17/05/2018	07.10	17/05/2018	10.51	PO	Premonsoon maintenance Work.
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	17/05/2018	10.16	17/05/2018	17.42	PO	Tan Delta Measurment of CTs
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	17/05/2018	11.38	17/05/2018	16.52	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Deepnagar- Nimbhora	IntraState	17/05/2018	15.21	17/05/2018	15.31	T	Distance Protection
Phursungi(220kv)-Kothrud	IntraState	17/05/2018	19.11	17/05/2018	19.26	T	Distance Protection

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