

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/May/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.126	3071.925	1) Gujrat	-2.914	-45.117
2) Hydro	7.237	93.670	2) Madhya Pradesh	12.661	241.986
3) Gas	10.414	181.946	3) Chattisgarh	6.180	124.840
Total MSPGCL	177.777	3347.541	4) Maharashtra Net	126.194	2528.280
B) 1) APML	46.851	1083.425	5) Goa (Amona)	-0.726	-15.356
2) JSWEL	19.491	399.388	Total	141.395	2834.633
3) VIPL	12.027	251.369	a) Mumbai Schedule	22.714	486.759
4) RPL(AMT)	16.312	305.888	b) Mumbai Drawl	33.555	646.369
5) WPCL	1.800	48.369	c) MSEDCL Bilateral *	38.064	817.324
6) PGPL	0.000	0.000	Include PX	-0.691	144.578
7) Other IPP	6.346	112.159	d) Mumbai Bilateral *	22.714	486.759
C) 1) TPCL Thermal	13.404	291.476	Include PX	3.349	48.210
2) TPCL Hydro	3.050	72.248	Include Standby	0.000	0.000
3) TPCL Gas	4.488	89.942	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.953	199.183	1) MSEDCL	411.236	8076.651
D) STATE			2) Mumbai Discoms	64.450	1299.220
1) Thermal	286.310	5763.182	TOTAL STATE	475.686	9375.871
(A1+C1+C4+(B1-B6))					
2) Hydro	10.287	165.918			
(A2+C2)					
3) Gas	14.902	271.888			
(A3+B6+C3)					
4) Wind	21.156	307.981			
6) SOLAR	1.636	32.267			
TOTAL STATE	334.291	6541.236			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6685	6816	6596	6641
MSPGCL Hydro	783	813	236	97
MSPGCL Gas	420	421	439	445
MSPGCL Total Generation	7888	8050	7271	7183
Central Sector Receipt	6586	6546	5442	5152
WIND	308	606	1357	1153
CPP / IPP Thermal	4470	4584	4143	4076
CPP / IPP Gas	0	0	0	0
SOLAR	225	140	0	0
Exchange with Mumbai	-1337	-1482	-1463	-1213
MSEDCL DEMAND MET	18140	18444	16750	16351
Load Shedding	0	0	0	0
MSEDCL DEMAND	18140	18444	16750	16351
TPCL GENERATION	1143	1123	1010	702
R-INFRA GENERATION	470	497	389	390
MUMBAI DEMAND	2950	3102	2862	2305
STATE DEMAND MET	21090	21546	19612	18656
STATE DEMAND	21090	21546	19612	18656
Frequency (Hz)	49.97	49.94	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.00 Hrs	49.78 Hz at 19.21 Hrs	49.97	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 20/May/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.84	74.56	170	155
Unit 8	7.58	192.95	335	270
Unit 9	7.54	165.10	321	284
Unit 10	6.32	89.90	330	220
Total	25.28	522.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	72.62	190	160
Unit 4	9.82	190.27	500	310
Unit 5	10.02	190.08	500	320
Total	24.00	452.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	109.28	250	166
Unit 7	5.57	107.51	252	194
Unit 8	4.48	35.01	224	155
Total	15.50	251.79		
Chandrapur				
Unit 3	4.50	87.86	197	171
Unit 4	4.61	79.68	198	170
Unit 5	9.80	199.33	435	375
Unit 6	10.45	151.23	450	380
Unit 7	0.01	0.01	10	0
Unit 8	8.04	181.31	398	238
Unit 9	9.20	191.26	449	310
Total	46.61	890.67		
Paras				
Unit 3	4.14	99.68	256	0
Unit 4	5.87	103.98	254	195
Total	10.02	203.67		
Khaparkheda				
Unit 1	4.14	79.46	185	160
Unit 2	4.18	79.65	180	160
Unit 3	4.41	83.21	200	160
Unit 4	3.95	68.20	175	146
Unit 5	9.51	184.55	430	360
Total	26.19	495.08		
Nasik				
Unit 3	4.24	85.85	200	170
Unit 4	4.14	85.42	195	166
Unit 5	4.16	83.96	200	159
Total	12.53	255.23		
Uran				
All Units	10.41	181.95	448	419
Total	10.41	181.95		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	4.28	24	0
Total	0.04	4.28		
Koyna				
Stage 1-2	2.25	23.43	415	40
Stage 4	0.33	1.14	200	0
Stage 3	0.59	5.87	160	0
Total	3.16	30.44		
Hydro				
KDPH	0.58	11.47	24	24
VTRNA	0.58	11.30	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.75	80	0
RNGR+BHTSA	0.31	5.46	13	13
BHANDARDRA	0.23	8.70	10	9
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.32	5.90	21	11
GHATGHAR	1.80	14.20	250	0
Total	4.07	63.23		
Wind				
Total	21.16	307.98	0	0
Total	21.16	307.98		
CPP				
APML(Mus)	46.85	1083.42	0	0
JSWEL(Mus)	19.49	399.39	0	0
VIPL(Mus)	12.03	251.37	0	0
RPLAMT(Mus)	16.31	305.89	0	0
WPCL(Mus)	1.80	48.37	0	0
Other(Mus)	6.35	112.16	0	0
Total	102.83	2200.60		
SOLAR				
Total	1.64	32.27	0	0
Total	1.64	32.27		
Tata				
Trombay 5	8.34	186.44	471	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	57.93	122	118
Trombay 7B	1.59	32.01	67	65
Trombay 8	5.06	105.04	243	198
TATA Hydro	3.05	72.25	302	0
Total	20.94	453.67		
R-INFRA				
DTPS U-1&2	9.95	199.18	504	388
Total	9.95	199.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.13	3071.92	MSPGCL Total	177.78	3347.54
			MSPGCL Thml+Gas	170.54	3253.87	Koyna 1,2 & 4 Total	2.58	24.57
			MSPGCL Hydro	7.24	93.67	State Total	334.29	6541.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/May/2017

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	6088	102	433	6623	1356	4103	0	0	5391	5581	-1643	16020	0	16020	2749	18769	49.97
2	6360	117	444	6921	1425	4091	0	0	5437	5583	-1489	16531	0	16531	2579	19110	49.99
3	6544	112	447	7103	1216	4072	0	0	5347	5371	-1328	16434	0	16434	2419	18853	49.97
4	6641	97	445	7183	1153	4076	0	0	5267	5152	-1213	16351	0	16351	2305	18656	49.97
5	6663	112	437	7212	1257	4072	0	0	5220	5099	-1147	16493	0	16493	2237	18730	49.95
6	6757	97	448	7302	1132	4071	0	0	5526	5509	-1141	16873	0	16873	2230	19103	49.98
7	6944	102	448	7494	992	4241	0	11	5528	5721	-1093	17366	0	17366	2186	19552	49.98
8	6951	97	444	7492	721	4408	0	46	5979	5566	-1152	17081	0	17081	2240	19321	50.00
9	6577	152	430	7159	569	4093	0	113	6108	6503	-1263	17174	0	17174	2373	19547	49.99
10	6653	380	426	7459	476	3999	0	163	6201	6433	-1423	17107	0	17107	2690	19797	49.98
11	6805	498	433	7736	335	4148	0	202	6328	6717	-1459	17679	0	17679	2843	20522	49.98
12	6685	783	420	7888	308	4470	0	225	6395	6586	-1337	18140	0	18140	2950	21090	49.97
13	6577	1020	431	8028	338	4493	0	233	6470	6538	-1338	18292	0	18292	2999	21291	49.95
14	6674	584	419	7677	413	4543	0	187	6513	6712	-1316	18216	0	18216	2926	21142	49.95
15	6795	573	422	7790	502	4595	0	180	6448	6640	-1370	18337	0	18337	2994	21331	49.92
16	6816	813	421	8050	606	4584	0	140	6425	6546	-1482	18444	0	18444	3102	21546	49.94
17	6765	435	423	7623	733	4509	0	92	6381	6625	-1486	18096	0	18096	3068	21164	49.97
18	6511	120	425	7056	972	4211	0	39	6198	6156	-1645	16789	0	16789	2951	19740	50.00
19	6249	205	439	6893	1188	4143	0	5	5717	5580	-1583	16226	0	16226	2816	19042	50.00
20	6596	236	439	7271	1357	4143	0	0	5448	5442	-1463	16750	0	16750	2862	19612	49.95
21	6672	173	430	7275	1166	4184	0	0	5450	5435	-1458	16602	0	16602	2807	19409	49.98
22	6875	164	440	7479	896	4369	0	0	5214	5276	-1517	16503	0	16503	2688	19191	49.96
23	6989	158	430	7577	991	4618	0	0	5254	5201	-1547	16840	0	16840	2684	19524	49.92
24	6939	107	440	7486	1054	4590	0	0	5506	5423	-1662	16891	0	16891	2752	19643	49.97
MUs	160.13	7.24	10.41	177.78	21.16	102.83	0.00	1.64	139.75	141.40	-33.56	411.24	0.00	411.24	64.45	475.69	49.97

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 20/May/2017

Position as on 6.30 Hrs of 21/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32	20/05/2017	15.18	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	11/05/2017	05.35	20/05/2017	20.58	No Schedule.	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
MSPGCL	Paras Unit 3	250	19/05/2017	22.14	20/05/2017	05.21	Furnace Pressure High	
MSPGCL	Chandrapur Unit 7	500	20/05/2017	15.27	21/05/2017	09.32	Reverse power prot.operated	
MSPGCL	Chandrapur Unit 7	500	21/05/2017	09.42	21/05/2017	12.12	ipt casing different temp.high.	
MSPGCL	Chandrapur Unit 7	500	21/05/2017	15.35	21/05/2017	20.10	under voltage.	
IPP	Adani U-4	660	21/05/2017	22.35		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/May/2017

Statement-VII

Position as on 6.30 Hrs of 21/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	20/05/2017	05.20	20/05/2017	12.32	EO	Attending Hot Spot
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	19/05/2017	18.22	20/05/2017	06.16	HT	Over Voltage
Dabhol Newkoyna li	InterState	20/05/2017	07.23	20/05/2017	22.53	PO	Insulator Replacement Work
Waluj Aurangabad(PG) II	InterState	20/05/2017	11.48	20/05/2017	20.07	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	20/05/2017	21.11	21/05/2017	06.43	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/05/2017	18.32		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Bhusawal-Aurangabad	IntraState	19/05/2017	22.10	20/05/2017	06.21	HT	Over Voltage
Dhule - Bableswhar - li	IntraState	20/05/2017	10.34	20/05/2017	16.52	PO	Relay Retrofitting Work by Testing
New Koyna - Dabhol - li	IntraState	21/05/2017	07.47	21/05/2017	19.51	PO	insulator replacement.
Chandrapu II - Chandrapur SW Ckt II	IntraState	21/05/2017	15.33	21/05/2017	17.07	T	Distance Protection
Bhusawal-Aurangabad	IntraState	21/05/2017	22.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	18/05/2017	10.54		Continued.	PO	Pre Mansoon Maintenance Work.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	18/05/2017	11.04		Continued.	PO	Replacement Of B Phase Unit.
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	20/05/2017	09.27	20/05/2017	21.40	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Pophali - New Koyna	IntraState	20/05/2017	06.35	20/05/2017	19.46	PO	Insulator Replacement Work
Nanded-Waghale I	IntraState	20/05/2017	13.04	20/05/2017	16.51	PO	Stringing work
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/05/2017	14.03	20/05/2017	18.14	PO	Tan Delta Measurment of CTs
Kalwa - Airoli Knowledge Park	IntraState	20/05/2017	17.10	20/05/2017	19.20	PO	Testing Work
Nagar-Bose I	IntraState	20/05/2017	17.12	21/05/2017	01.39	T	Distance Protection
Nagar-Bose II	IntraState	20/05/2017	22.38	21/05/2017	01.27	EO	To attend Fault on Nagar-Bothe-I (M/C Tower)
Kalwa Salsette III	IntraState	21/05/2017	08.50	21/05/2017	17.19	PO	opgw stringing work.
Parli New Tps - Beed Ckt 2	IntraState	21/05/2017	12.15	21/05/2017	13.45	T	Distance Protection
Nanded-Waghale II	IntraState	21/05/2017	13.08	21/05/2017	17.55	PO	Stringing work
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(Now repaired and ready for commissioning)
220/132 Kv 200 MVA ICT I @Dhule	IntraState	20/05/2017	07.53	20/05/2017	11.43	PO	Premansoon Maint.work
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	20/05/2017	08.01	20/05/2017	13.10	PO	Tan Delta Measurment of CTs
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	20/05/2017	08.22	20/05/2017	11.19	PO	Premansoon Maint.work
220/132 KV ICT III @ Nasik OCR	IntraState	20/05/2017	08.27	20/05/2017	13.42	PO	Routine Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1	IntraState	20/05/2017	09.11	20/05/2017	13.20	PO	Testing 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/Trippings for 20/May/2017

Statement-VII

Position as on 6.30 Hrs of 21/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Raymond (Nasik 2)							
220/132 KV 100MVA ICT @ Kawlewadi	IntraState	20/05/2017	10.17	20/05/2017	16.33	PO	Attending Oil Leakage
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	20/05/2017	14.04	20/05/2017	20.31	PO	Attending Oil Leakage
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	20/05/2017	14.57	20/05/2017	19.45	PO	Testing Work
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	21/05/2017	08.40	21/05/2017	11.45	PO	pre monsoon maintenance work.