

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/May/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.856	2911.799	1) Gujrat	-2.458	-42.203
2) Hydro	3.817	86.433	2) Madhya Pradesh	12.384	229.325
3) Gas	10.462	171.532	3) Chattisgarh	6.290	118.660
Total MSPGCL	172.135	3169.764	4) Maharashtra Net	123.908	2402.086
B) 1) APML	46.687	1036.574	5) Goa (Amona)	-0.792	-14.630
2) JSWEL	17.977	379.897	Total	139.332	2693.238
3) VIPL	10.810	239.342	a) Mumbai Schedule	23.273	464.046
4) RPL(AMT)	13.996	289.576	b) Mumbai Drawl	36.561	612.814
5) WPCL	2.249	46.569	c) MSEDCL Bilateral *	41.759	779.260
6) PGPL	0.000	0.000	Include PX	3.464	145.269
7) Other IPP	6.283	105.813	d) Mumbai Bilateral *	23.273	464.046
C) 1) TPCL Thermal	12.306	278.072	Include PX	3.293	44.861
2) TPCL Hydro	5.051	69.198	Include Standby	0.000	0.000
3) TPCL Gas	4.500	85.454	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.340	189.230	1) MSEDCL	401.677	7665.415
D) STATE			2) Mumbai Discoms	67.765	1234.770
1) Thermal	277.504	5476.872	TOTAL STATE	469.442	8900.185
(A1+C1+C4+(B1-B6))					
2) Hydro	8.868	155.631			
(A2+C2)					
3) Gas	14.962	256.986			
(A3+B6+C3)					
4) Wind	27.042	286.825			
6) SOLAR	1.727	30.631			
TOTAL STATE	330.103	6206.945			

* 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 1 Hrs
MSPGCL Thermal	6804	6346	6261	6225
MSPGCL Hydro	200	116	220	110
MSPGCL Gas	424	435	428	442
MSPGCL Total Generation	7428	6897	6909	6777
Central Sector Receipt	6521	7243	5204	5341
WIND	879	1222	1365	934
CPP / IPP Thermal	4044	4042	4074	4159
CPP / IPP Gas	0	0	0	0
SOLAR	247	161	0	0
Exchange with Mumbai	-1823	-1788	-1598	-1598
MSEDCL DEMAND MET	17296	17777	15954	15613
Load Shedding	0	0	0	0
MSEDCL DEMAND	17296	17777	15954	15613
TPCL GENERATION	1096	1146	1028	746
R-INFRA GENERATION	389	389	389	389
MUMBAI DEMAND	3308	3323	3015	2733
STATE DEMAND MET	20604	21100	18969	18346
STATE DEMAND	20604	21100	18969	18346
Frequency (Hz)	49.99	50.02	49.93	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.04 Hrs	49.82 Hz at 19.55 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 19/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	3.77	70.72	166	155
Unit 8	8.96	185.37	426	330
Unit 9	8.70	157.57	426	320
Unit 10	7.84	83.58	365	270
Total	29.27	497.23		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	68.47	165	165
Unit 4	9.59	180.45	490	365
Unit 5	9.71	180.06	500	360
Total	23.26	428.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.07	103.82	250	190
Unit 7	4.95	101.94	252	184
Unit 8	3.32	30.53	208	0
Total	13.34	236.29		
Chandrapur				
Unit 3	4.36	83.36	191	163
Unit 4	4.46	75.07	195	170
Unit 5	9.77	189.52	440	360
Unit 6	9.85	140.78	450	360
Unit 7	0.00	0.00	0	0
Unit 8	7.87	173.27	399	209
Unit 9	8.35	182.06	401	267
Total	44.68	844.06		
Paras				
Unit 3	5.04	95.54	251	0
Unit 4	5.36	98.11	253	195
Total	10.40	193.65		
Khaparkheda				
Unit 1	3.78	75.33	180	135
Unit 2	4.04	75.46	180	160
Unit 3	3.98	78.80	188	157
Unit 4	3.92	64.25	180	150
Unit 5	9.13	175.04	400	365
Total	24.85	468.89		
Nasik				
Unit 3	4.08	81.62	175	165
Unit 4	3.98	81.28	172	162
Unit 5	4.00	79.80	169	161
Total	12.06	242.70		
Uran				
All Units	10.46	171.53	456	423
Total	10.46	171.53		
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)	0.00	4.24	0	0
Total	0.00	4.24		
Koyna				
Stage 1-2	1.07	21.18	65	40
Stage 4	0.00	0.82	0	0
Stage 3	0.10	5.28	74	0
Total	1.17	27.28		
Hydro				
KDPH	0.58	10.90	24	24
VTRNA	0.49	10.73	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	3.49	80	0
RNGR+BHTSA	0.61	5.15	26	25
BHANDARDRA	0.42	8.48	42	2
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.28	5.57	16	11
GHATGHAR	0.00	12.40	0	0
Total	2.65	59.16		
Wind				
Total	27.04	286.82	0	0
Total	27.04	286.82		
CPP				
APML(Mus)	46.69	1036.57	0	0
JSWEL(Mus)	17.98	379.90	0	0
VIPL(Mus)	10.81	239.34	0	0
RPLAMT(Mus)	14.00	289.58	0	0
WPCL(Mus)	2.25	46.57	0	0
Other(Mus)	6.28	105.81	0	0
Total	98.00	2097.77		
SOLAR				
Total	1.73	30.63	0	0
Total	1.73	30.63		
Tata				
Trombay 5	7.47	178.10	312	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	55.03	122	119
Trombay 7B	1.60	30.42	67	65
Trombay 8	4.84	99.97	202	200
TATA Hydro	5.05	69.20	459	39
Total	21.86	432.72		
R-INFRA				
DTPS U-1&2	9.34	189.23	390	387
Total	9.34	189.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.86	2911.80	MSPGCL Total	172.14	3169.76
			MSPGCL Thml+Gas	168.32	3083.33	Koyna 1,2 & 4 Total	1.07	22.00
			MSPGCL Hydro	3.82	86.43	State Total	330.10	6206.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/May/2017

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	6225	110	442	6777	934	4159	0	0	5545	5341	-1598	15613	0	15613	2733	18346	49.94
2	6460	115	433	7008	929	4107	0	0	5426	5346	-1454	15936	0	15936	2546	18482	49.95
3	6953	110	456	7519	1234	4162	0	0	5390	5325	-1282	16958	0	16958	2372	19330	49.97
4	7016	110	435	7561	1076	4281	0	0	5325	5216	-1147	16987	0	16987	2238	19225	49.97
5	7014	135	446	7595	1341	4273	0	0	5267	4850	-1105	16954	0	16954	2196	19150	49.93
6	7145	108	447	7700	1100	4227	0	0	5631	5301	-1120	17208	0	17208	2211	19419	49.99
7	7137	142	449	7728	1155	4111	0	10	5771	5583	-1082	17505	0	17505	2171	19676	49.99
8	6896	152	435	7483	995	4007	0	48	6219	5994	-1099	17428	0	17428	2230	19658	50.01
9	6882	161	453	7496	716	3930	0	114	6368	6573	-1383	17446	0	17446	2591	20037	49.98
10	6943	241	427	7611	754	3961	0	167	6453	6374	-1559	17308	0	17308	3024	20332	49.95
11	6833	252	425	7510	821	4015	0	190	6455	6261	-1698	17099	0	17099	3168	20267	50.02
12	6804	200	424	7428	879	4044	0	247	7128	6521	-1823	17296	0	17296	3308	20604	49.99
13	6618	112	423	7153	963	4038	0	231	7134	6692	-1801	17276	0	17276	3319	20595	49.98
14	6479	133	433	7045	1052	4039	0	205	6958	6636	-1761	17216	0	17216	3234	20450	49.99
15	6331	190	423	6944	1081	4031	0	204	6915	7052	-1797	17515	0	17515	3282	20797	49.98
16	6346	116	435	6897	1222	4042	0	161	7138	7243	-1788	17777	0	17777	3323	21100	50.02
17	6269	116	425	6810	1423	4026	0	96	6710	6846	-1735	17466	0	17466	3281	20747	50.02
18	6239	181	428	6848	1518	3950	0	50	5948	5390	-1671	16085	0	16085	3191	19276	50.04
19	6192	287	439	6918	1606	4138	0	4	4910	4035	-1715	14986	0	14986	3078	18064	50.07
20	6261	220	428	6909	1365	4074	0	0	4950	5204	-1598	15954	0	15954	3015	18969	49.93
21	6240	172	431	6843	1230	4090	0	0	5360	5369	-1572	15960	0	15960	2883	18843	49.97
22	6260	172	451	6883	1184	4084	0	0	5179	5300	-1575	15876	0	15876	2796	18672	49.96
23	6143	156	432	6731	1267	4097	0	0	5045	5531	-1549	16077	0	16077	2789	18866	49.95
24	6170	126	442	6738	1197	4114	0	0	5405	5349	-1649	15749	0	15749	2779	18528	49.72
MUs	157.86	3.82	10.46	172.13	27.04	98.00	0.00	1.73	142.63	139.33	-36.56	401.68	0.00	401.68	67.76	469.44	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 19/May/2017

Position as on 6.30 Hrs of 20/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		Continued.	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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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		Continued.	No Schedule.	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 8	250	19/05/2017	09.56	19/05/2017	15.05	Drum level low	
MSPGCL	Paras Unit 3	250	19/05/2017	22.14	20/05/2017	05.21	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2017

Statement-VII

Position as on 6.30 Hrs of 20/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		Continued.	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 II	InterState	17/05/2017	18.03	19/05/2017	06.23	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	19/05/2017	10.56	19/05/2017	12.10	T	Bus Bar Protection Operated
Dhule Sar'Sarovar I	InterState	19/05/2017	18.22	20/05/2017	06.16	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Bhusawal-Aurangabad	IntraState	18/05/2017	18.53	19/05/2017	06.09	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	19/05/2017	07.04		Continued.	PO	String Replacement Work
Karad - Jaigad - II	IntraState	19/05/2017	08.56	19/05/2017	16.21	PO	Cold line insulator washing
Khadka-Aurangabad (Waluj)	IntraState	19/05/2017	10.51	19/05/2017	16.15	T	Distance Protection taken on TBC
Taptitanda Waluj	IntraState	19/05/2017	10.56	19/05/2017	12.07	T	Bus Bar Protection Operated
Bableswhar- Aurangabad (Waluj)	IntraState	19/05/2017	10.56	19/05/2017	12.19	T	Bus Bar Protection Operated
Deepnagar - Aurangabad	IntraState	19/05/2017	10.56	19/05/2017	12.25	T	Bus Bar Protection Operated
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	19/05/2017	10.56	19/05/2017	12.21	T	Bus Bar Protection Operated
Main Bus-II @ Aurangabad	IntraState	19/05/2017	10.56	19/05/2017	11.53	T	Bus Bar Protection Operated
Bhusawal-Aurangabad	IntraState	19/05/2017	22.10	20/05/2017	06.21	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.
400/220KV 500MVA ICT-II@Taptitanda	IntraState	19/05/2017	10.43	19/05/2017	17.52	PO	Testing Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	19/05/2017	10.47	19/05/2017	18.13	PO	Annual Maintenance Work
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	19/05/2017	10.56	19/05/2017	12.11	T	Bus Bar Protection Operated
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	19/05/2017	10.56	19/05/2017	12.13	T	Bus Bar Protection Operated
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	19/05/2017	15.26	19/05/2017	19.46	EO	Attending Hot Spot
400/220 KV 500MVA ICT II @ Nanded	IntraState	19/05/2017	19.12	19/05/2017	20.14	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	19/05/2017	06.00	19/05/2017	18.00	HT	No schedule
Talandage - Chikodi	InterState	19/05/2017	06.00	19/05/2017	18.00	HT	No Schedule
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.
Uran - Apta IV	IntraState	18/05/2017	16.37		Continued.	PO	Attend Testing Work.
Halkarni-Mahalaxmiline	IntraState	19/05/2017	10.23	19/05/2017	15.41	PO	Scada Testing Work
Adlabs - Pedambe	IntraState	19/05/2017	12.22	19/05/2017	15.00	T	Distance Protection
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

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 19/May/2017

Statement-VII

Position as on 6.30 Hrs of 20/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	19/05/2017	08.30	19/05/2017	18.45	PO	Testing Work
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	18/05/2017	08.55		Continued.	PO	Tree Trimming.