

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/May/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.967	1193.112	1) Gujrat	-3.630	-26.734
2) Hydro	4.716	38.656	2) Madhya Pradesh	15.223	84.597
3) Gas	10.462	73.431	3) Chattisgarh	7.220	50.070
Total MSPGCL	156.145	1305.199	4) Maharashtra Net	129.390	1021.706
B) 1) APML	58.164	445.139	5) Goa (Amona)	-0.880	-6.336
2) JSWEL	21.380	180.387	Total	147.323	1123.303
3) VIPL	10.103	103.850	a) Mumbai Schedule	27.360	192.693
4) RPL(AMT)	13.997	122.039	b) Mumbai Drawl	37.561	241.046
5) WPCL	2.617	19.982	c) MSEDCL Bilateral *	52.782	327.043
6) PGPL	0.000	0.000	Include PX	14.244	102.088
7) Other IPP	7.681	34.480	d) Mumbai Bilateral *	27.360	192.693
C) 1) TPCL Thermal	15.017	125.169	Include PX	7.523	13.938
2) TPCL Hydro	3.772	25.308	Include Standby	0.000	0.000
3) TPCL Gas	4.503	36.059	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.387	79.501	1) MSEDCL	397.876	3203.977
D) STATE			2) Mumbai Discoms	66.240	507.081
1) Thermal	275.313	2303.659	TOTAL STATE	464.116	3711.058
(A1+C1+C4+(B1-B6))					
2) Hydro	8.488	63.964			
(A2+C2)					
3) Gas	14.965	109.490			
(A3+B6+C3)					
4) Wind	16.390	97.775			
6) SOLAR	1.637	12.869			
TOTAL STATE	316.793	2587.757			

* 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	6017	6460	6016	5302
MSPGCL Hydro	286	155	269	101
MSPGCL Gas	432	431	433	441
MSPGCL Total Generation	6735	7046	6718	5844
Central Sector Receipt	7910	7696	5458	4863
WIND	174	590	1211	761
CPP / IPP Thermal	4757	4959	4659	4774
CPP / IPP Gas	0	0	0	0
SOLAR	231	140	0	0
Exchange with Mumbai	-1720	-1765	-1674	-1639
MSEDCL DEMAND MET	18087	18666	16372	14603
Load Shedding	0	0	0	0
MSEDCL DEMAND	18087	18666	16372	14603
TPCL GENERATION	1354	1302	979	771
R-INFRA GENERATION	235	238	255	195
MUMBAI DEMAND	3309	3305	2908	2605
STATE DEMAND MET	21396	21971	19280	17208
STATE DEMAND	21396	21971	19280	17208
Frequency (Hz)	49.96	49.95	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.03 Hrs	49.77 Hz at 14.16 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 08/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	3.63	30.12	160	135
Unit 8	11.64	92.39	492	480
Unit 9	7.42	85.28	492	0
Unit 10	0.00	20.99	0	0
Total	22.69	228.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.27	30.86	170	0
Unit 4	8.61	70.69	365	355
Unit 5	8.64	71.40	370	340
Total	20.52	172.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.84	44.71	213	187
Unit 7	4.78	43.75	212	191
Unit 8	0.00	0.00	0	0
Total	9.62	88.46		
Chandrapur				
Unit 3	4.24	34.91	194	163
Unit 4	4.32	25.18	198	166
Unit 5	8.42	80.14	425	0
Unit 6	9.36	38.16	435	359
Unit 7	0.00	0.00	0	0
Unit 8	9.00	74.95	468	354
Unit 9	9.49	78.43	489	353
Total	44.83	331.77		
Paras				
Unit 3	4.60	35.13	214	173
Unit 4	4.65	37.38	205	185
Total	9.25	72.51		
Khaparkheda				
Unit 1	3.92	32.14	170	160
Unit 2	3.76	31.82	165	150
Unit 3	3.88	35.10	163	161
Unit 4	3.84	28.16	162	159
Unit 5	6.53	65.52	390	0
Total	21.93	192.75		
Nasik				
Unit 3	4.10	35.38	175	160
Unit 4	4.01	35.40	175	162
Unit 5	4.00	35.12	170	162
Total	12.12	105.89		
Uran				
All Units	10.46	73.43	451	420
Total	10.46	73.43		
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)	0.24	0.57	24	0
Total	0.24	0.57		
Koyna				
Stage 1-2	1.00	8.24	50	40
Stage 4	0.00	0.71	0	0
Stage 3	0.43	3.29	80	0
Total	1.43	12.25		
Hydro				
KDPH	0.60	4.92	25	25
VTRNA	0.62	4.93	61	0
TILLARI	0.00	0.40	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.22	80	0
RNGR+BHTSA	0.28	2.19	12	11
BHANDARDRA	0.45	3.58	38	10
ELDARY	0.22	1.80	9	9
SMLHY_PTN	0.15	2.39	14	3
GHATGHAR	0.79	4.96	150	0
Total	3.28	26.41		
Wind				
Total	16.39	97.78	0	0
Total	16.39	97.78		
CPP				
APML(Mus)	58.16	445.14	0	0
JSWEL(Mus)	21.38	180.39	0	0
VIPL(Mus)	10.10	103.85	0	0
RPLAMT(Mus)	14.00	122.04	0	0
WPCL(Mus)	2.62	19.98	0	0
Other(Mus)	7.68	34.48	0	0
Total	113.94	905.88		
SOLAR				
Total	1.64	12.87	0	0
Total	1.64	12.87		
Tata				
Trombay 5	9.62	81.65	486	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	23.23	122	118
Trombay 7B	1.61	12.83	68	66
Trombay 8	5.40	43.52	247	200
TATA Hydro	3.77	25.31	441	0
Total	23.29	186.54		
R-INFRA				
DTPS U-1&2	5.39	79.50	255	194
Total	5.39	79.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.97	1193.11	MSPGCL Total	156.14	1305.20
			MSPGCL Thml+Gas	151.43	1266.54	Koyna 1,2 & 4 Total	1.00	8.96
			MSPGCL Hydro	4.72	38.66	State Total	316.79	2587.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5302	101	441	5844	761	4774	0	0	5295	4863	-1639	14603	0	14603	2605	17208	49.98
2	5227	101	444	5772	1095	4618	0	0	5202	4861	-1473	14873	0	14873	2391	17264	49.99
3	5539	106	446	6091	890	4595	0	0	4996	4989	-1349	15216	0	15216	2248	17464	49.98
4	5646	101	437	6184	822	4580	0	0	4860	5228	-1237	15577	0	15577	2139	17716	49.95
5	5622	106	445	6173	639	4787	0	0	5210	5099	-1168	15530	0	15530	2069	17599	49.97
6	5396	120	451	5967	648	4757	0	0	6303	5766	-1179	15959	0	15959	2082	18041	50.02
7	5521	128	449	6098	634	4668	0	8	6531	6423	-1184	16647	0	16647	2083	18730	49.97
8	5594	183	445	6222	457	4547	0	49	6596	6794	-1300	16769	0	16769	2199	18968	49.96
9	5782	262	444	6488	345	4586	0	115	6901	6978	-1666	16846	0	16846	2602	19448	49.94
10	5814	408	429	6651	169	4630	0	151	6604	6911	-1536	16976	0	16976	2829	19805	49.94
11	5875	399	426	6700	133	4720	0	202	7024	7117	-1695	17177	0	17177	3203	20380	49.96
12	6017	286	432	6735	174	4757	0	231	7687	7910	-1720	18087	0	18087	3309	21396	49.96
13	6273	335	420	7028	235	5033	0	231	7686	7464	-1808	18183	0	18183	3321	21504	49.97
14	6261	211	421	6893	255	4960	0	229	7625	7361	-1703	17995	0	17995	3212	21207	49.92
15	6293	200	425	6918	330	4889	0	166	7658	7769	-1729	18343	0	18343	3263	21606	49.87
16	6460	155	431	7046	590	4959	0	140	7685	7696	-1765	18666	0	18666	3305	21971	49.95
17	6343	208	422	6973	1107	4853	0	90	7418	6898	-1767	18154	0	18154	3240	21394	50.01
18	6309	192	432	6933	1205	4602	0	22	6340	5757	-1825	16694	0	16694	3149	19843	49.97
19	6156	207	427	6790	1130	4652	0	3	5144	4365	-1680	15260	0	15260	2925	18185	49.99
20	6016	269	433	6718	1211	4659	0	0	5267	5458	-1674	16372	0	16372	2908	19280	49.96
21	5894	194	434	6522	998	4769	0	0	5037	5369	-1589	16069	0	16069	2855	18924	49.97
22	5885	158	444	6487	981	4802	0	0	4969	5345	-1517	16098	0	16098	2756	18854	50.00
23	5861	158	439	6458	802	4941	0	0	5337	5328	-1578	15951	0	15951	2754	18705	49.97
24	5881	128	445	6454	779	4804	0	0	5156	5574	-1780	15831	0	15831	2793	18624	49.98
MUs	140.97	4.72	10.46	156.15	16.39	113.94	0.00	1.64	148.53	147.32	-37.56	397.88	0.00	397.88	66.24	464.12	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 08/May/2017

Position as on 6.30 Hrs of 09/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 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	
CPP	SWPGL U-3	135	25/04/2017	00.01	09/05/2017	23.21	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08	09/05/2017	02.41	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	06/05/2017	06.29	08/05/2017	05.13	Boiler Tube Leakage	
RINFRA-G	REL Unit 1	250	06/05/2017	20.17	09/05/2017	00.30	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	07/05/2017	21.25	08/05/2017	01.34	Loss of fuel	
MSPGCL	Koradi Unit 9	660	08/05/2017	03.44	08/05/2017	07.39	M.S.Teamp High	
MSPGCL	Koyana Unit 5	80	08/05/2017	08.20		Continued.	installation & commissioning of numerical relay.	
MSPGCL	Bhusawal Unit 3	210	08/05/2017	20.07		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/May/2017

Position as on 6.30 Hrs of 09/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-4	135	09/05/2017	05.10		Continued.	ESP PROBLEM.	
MSPGCL	Uran Unit 5	108	09/05/2017	17.23	09/05/2017	20.40	Due to damper discrepancy	
MSPGCL	Uran Unit 6	108	09/05/2017	17.23		Continued.	Due to damper discrepancy	
MSPGCL	Uran Unit A0	120	09/05/2017	17.23		Continued.	Due to damper discrepancy	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2017

Statement-VII

Position as on 6.30 Hrs of 09/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	08/05/2017	18.40	08/05/2017	20.51	PO	Attending Hot Spot
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/05/2017	16.26	08/05/2017	01.23	PO	Insulator replacement
Chandrapur - Padghe Hvdc Pole 1	IntraState	09/05/2017	05.10	09/05/2017	09.27	T	reduce voltage.
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
Koradi Satpur	InterState	06/05/2017	23.18	08/05/2017	04.32	T	Tripped at Sarni end and later H/T from koradi end
Dhule Sar'Sarovar II	InterState	07/05/2017	17.46	08/05/2017	06.48	HT	Over Voltage
Akola Wardha li	InterState	08/05/2017	08.45	08/05/2017	17.01	PO	Testing Work
Akola Wardha li	InterState	08/05/2017	17.50	09/05/2017	14.21	T	Distance Protection
Dhule Sar'Sarovar II	InterState	09/05/2017	18.59		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	04/12/2016	10.17		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Padghe - Kharghar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Ektuni-Bableshwar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Kalwa - Talegaon(PG)	IntraState	04/05/2017	01.26	08/05/2017	22.20	T	Distance Protection
Karad - Lonikand 1	IntraState	07/05/2017	17.35	08/05/2017	07.49	T	Distance Protection
karad -kolhapur-II	IntraState	08/05/2017	17.56	08/05/2017	18.03	T	Distance Protection
Bhusawal-Aurangabad	IntraState	08/05/2017	18.21	09/05/2017	05.49	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	05/05/2017	11.02		Continued.	PO	R/M,Diagnostic Testing Work.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	08/05/2017	11.02	08/05/2017	19.12	PO	Routine Maintenance Work
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	09/05/2017	11.32	09/05/2017	18.15	PO	taken on tbc breaker overhauling 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.
Deepnagar Bambhori	IntraState	07/05/2017	17.47	08/05/2017	00.40	T	Distance Protection
Deepnagar Amalner	IntraState	07/05/2017	20.16	08/05/2017	03.04	T	Distance Protection
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Niwali - Pawas Line	IntraState	08/05/2017	09.32	08/05/2017	18.23	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	08/05/2017	09.45	08/05/2017	18.13	PO	cold line washing of bus insulator string.
Main Bus @ Lote	IntraState	08/05/2017	09.55	08/05/2017	18.10	PO	cold line washing of bus insulator string.
New Koyna - Loteparshuram	IntraState	08/05/2017	09.55	08/05/2017	18.10	PO	cold line washing of bus insulator string.
New Koyna - Niwali	IntraState	08/05/2017	10.20	08/05/2017	18.22	PO	Routine Maintenance Work
Karad -Mudshingi Ckt- IV	IntraState	08/05/2017	18.25	08/05/2017	18.30	T	Distance Protection
Warora - Wardha	IntraState	09/05/2017	07.42	09/05/2017	10.44	PO	Replacement of cross ARM rafter member.
Mahad - Pedambe	IntraState	09/05/2017	09.15	09/05/2017	14.07	PO	pre mansoon maintenance work.
Sawantwadi-Bidri	IntraState	09/05/2017	09.45	09/05/2017	19.23	PO	cold line insulator washing 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 08/May/2017

Statement-VII

Position as on 6.30 Hrs of 09/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Satara (MIDC)-Ajinkyatara	IntraState	09/05/2017	09.50	09/05/2017	12.40	PO	Quarterly Maintainance Work
Kandalgaon - Bhira	IntraState	09/05/2017	12.30	09/05/2017	17.30	PO	pre mansoon maintenance work.
Deepnagar Bambhori	IntraState	09/05/2017	13.30	09/05/2017	17.33	PO	Routine Maintenance Work
Lonikand-II- Kathapur	IntraState	09/05/2017	14.09	09/05/2017	14.21	T	Distance Protection
satara MIDC- Malharpeth	IntraState	09/05/2017	15.40	09/05/2017	18.20	PO	Quarterly Maintainance Work
Bhokardan-Jafarabad	IntraState	09/05/2017	16.40	09/05/2017	17.05	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 commissioning)
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	08/05/2017	11.26	08/05/2017	18.26	PO	premansoon maintenance work.
220/132 KV 100MVA ICT-I @ Bhokar	IntraState	08/05/2017	13.12	08/05/2017	19.31	PO	Tan Delta Measurment of CTs
220/132 Kv 200mva Vijay Ict 2 @Jalna	IntraState	09/05/2017	10.15	09/05/2017	21.03	PO	Line Maintenance work
132 KV LINE Outages/Trippings							
Malegaon-Mangrulpir	IntraState	08/05/2017	10.30	08/05/2017	14.07	PO	erection of ht pole and bunching work.
Paras-Warwat Bakal	IntraState	08/05/2017	20.38	08/05/2017	20.55	T	Distance Protection
Lalkhedi-Durgwada	IntraState	09/05/2017	19.00	09/05/2017	19.35	T	Distance Protection

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