

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/May/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.342	1113.539	1) Gujrat	1.004	-21.083
2) Hydro	9.342	83.050	2) Madhya Pradesh	16.363	123.238
3) Gas	10.554	94.810	3) Chattisgarh	6.670	60.180
Total MSPGCL	146.238	1291.399	4) Maharashtra Net	96.954	827.956
B) 1) APML	38.038	401.774	5) Goa (Amona)	-0.424	-4.144
2) JSWEL	25.669	244.309	6) TAPS 1&2 Injection	0.000	10.368
3) VIPL	11.742	111.090	7) RGPPL Injection	11.897	102.783
4) RPL(AMT)	15.549	142.147	8) Pench (MS)	0.002	0.521
5) WPCL	2.541	27.259	9) Pench (Excess)	-0.002	-0.521
6) Other IPP	5.856	49.678	Total	132.462	1098.777
C) 1) TPCL Thermal	14.852	129.190	a) Mumbai Schedule	24.780	217.459
2) TPCL Hydro	3.512	24.038	b) Mumbai Drawl	31.229	265.183
3) TPCL Gas	4.040	37.491	c) MSEDCL Bilateral *	30.580	276.965
4) R-INFRA Thermal	10.747	99.071	Include PX	-0.102	-2.148
D) STATE			d) Mumbai Bilateral *	24.780	217.459
1) Thermal	251.336	2318.057	Include PX	2.289	21.885
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	12.854	107.088	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.594	132.301	1) MSEDCL	356.307	3236.301
4) Wind	7.876	122.598	2) Mumbai Discoms	64.380	554.941
6) SOLAR	1.565	12.453	TOTAL STATE	420.687	3791.242
TOTAL STATE	288.225	2692.497			

* 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	5461	5564	5060	5226
MSPGCL Hydro	733	570	370	84
MSPGCL Gas	427	416	443	436
MSPGCL Total Generation	6621	6550	5873	5746
Central Sector Receipt	6145	6265	5493	4941
WIND	81	198	565	312
CPP / IPP	4514	4539	4012	3818
SOLAR	197	134	0	0
Exchange with Mumbai	-1384	-1384	-1324	-1008
MSEDCL DEMAND MET	16174	16302	14619	13809
Load Shedding	0	0	0	0
MSEDCL DEMAND	16174	16302	14619	13809
TPCL GENERATION	1301	1303	1091	621
R-INFRA GENERATION	499	498	511	404
MUMBAI DEMAND	3184	3185	2926	2033
STATE DEMAND MET	19358	19487	17545	15842
STATE DEMAND	19358	19487	17545	15842
Frequency (Hz)	49.98	49.95	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.03 Hrs	49.62 Hz at 22.05 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 09/May/2016

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	0.00	0.00	0	0
Unit 8	7.85	77.15	350	300
Total	7.85	77.15		
Bhusawal				
Unit 2	0.00	20.34	0	0
Unit 3	3.96	35.12	170	160
Unit 4	9.62	89.12	500	350
Unit 5	9.76	89.15	500	360
Total	23.34	233.73		
Parli				
Unit 3	0.00	0.00	0	0
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
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.33	39.39	194	167
Unit 4	4.22	38.49	190	162
Unit 5	9.02	84.06	400	360
Unit 6	9.76	92.15	455	360
Unit 7	9.42	64.66	446	336
Total	36.74	318.74		
Paras				
Unit 3	5.44	49.49	250	193
Unit 4	5.63	50.76	255	196
Total	11.07	100.24		
Khaparkheda				
Unit 1	3.90	34.86	170	155
Unit 2	3.94	35.74	175	155
Unit 3	4.20	33.56	203	162
Unit 4	3.21	36.42	173	0
Unit 5	10.07	68.40	500	370
Total	25.33	208.98		
Nasik				
Unit 3	3.97	37.04	170	160
Unit 4	3.81	36.23	165	152
Unit 5	4.00	37.26	172	163
Total	11.78	110.53		
Uran				
All Units	10.55	94.81	462	416
Total	10.55	94.81		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.52	2	0
Total	0.00	0.52		
Koyna				
Stage 1-2	3.64	30.28	360	40
Stage 4	1.55	19.80	311	0
Stage 3	1.31	11.21	138	0
Total	6.50	61.29		
Hydro				
KDPH	0.57	5.27	24	23
VTRNA	0.00	0.29	0	0
TILLARI	0.43	2.97	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	1.39	43	0
RNGR+BHTSA	0.24	1.52	12	9
BHANDARDRA	0.20	1.17	43	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	1.66	13	12
GHATGHAR	1.02	7.50	202	0
Total	2.84	21.76		
Wind				
Total	7.88	122.60	0	0
Total	7.88	122.60		
CPP				
APML(Mus)	38.04	401.77	0	0
JSWEL(Mus)	25.67	244.31	0	0
VIPL(Mus)	11.74	111.09	0	0
RPLAMT(Mus)	15.55	142.15	0	0
WPCL(Mus)	2.54	27.26	0	0
Other(Mus)	5.86	49.68	0	0
Total	99.40	976.26		
SOLAR				
Total	1.56	12.45	0	0
Total	1.56	12.45		
Tata				
Trombay 5	8.87	77.45	490	191
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	24.13	115	90
Trombay 7B	1.49	13.36	65	57
Trombay 8	5.98	51.74	251	247
TATA Hydro	3.51	24.04	387	0
Total	22.40	190.72		
R-INFRA				
1-2	10.75	99.07	516	402
Total	10.75	99.07		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	126.34	1113.54	MSPGCL Total	146.24	1291.40
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	136.90	1208.35	Koyna 1,2 & 4 Total	5.19	50.08
Koradi 9	10.23	62.24	MSPGCL Hydro	9.34	83.05	State Total	288.22	2692.50
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/May/2016

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													
1	5567	762	448	6777	271	4131	0	5202	4706	-1443	14442	0	14442	2466	16908	49.99
2	5620	84	438	6142	228	4086	0	5250	5032	-1245	14243	0	14243	2274	16517	49.99
3	5225	84	457	5766	233	3831	0	5182	5579	-1105	14304	0	14304	2128	16432	49.99
4	5226	84	436	5746	312	3818	0	5199	4941	-1008	13809	0	13809	2033	15842	50.00
5	5213	105	456	5774	385	3820	0	5223	5154	-951	14182	0	14182	1972	16154	49.99
6	5217	265	436	5918	354	3808	0	5344	5580	-962	14698	0	14698	1995	16693	49.99
7	5258	438	462	6158	365	3922	9	5525	5839	-927	15366	0	15366	2020	17386	49.99
8	5395	418	433	6246	195	4109	50	5526	5285	-1004	14881	0	14881	2141	17022	50.00
9	5403	484	449	6336	187	4243	110	5718	5461	-1299	15038	0	15038	2501	17539	49.98
10	5482	650	446	6578	59	4318	146	5799	5982	-1263	15820	0	15820	2828	18648	49.95
11	5576	734	420	6730	72	4484	197	5897	5642	-1357	15768	0	15768	3092	18860	49.98
12	5461	733	427	6621	81	4514	197	6035	6145	-1384	16174	0	16174	3184	19358	49.98
13	5446	576	425	6447	128	4523	223	6034	6197	-1387	16131	0	16131	3186	19317	49.97
14	5452	306	434	6192	139	4540	200	6017	6135	-1421	15785	0	15785	3152	18937	49.97
15	5493	306	426	6225	159	4539	181	5994	6219	-1425	15898	0	15898	3183	19081	49.92
16	5564	570	416	6550	198	4539	134	6008	6265	-1384	16302	0	16302	3185	19487	49.95
17	5349	200	449	5998	404	4374	80	5908	5620	-1412	15064	0	15064	3185	18249	49.98
18	4866	150	428	5444	823	3851	29	5251	5246	-1458	13935	0	13935	3093	17028	49.94
19	4837	322	429	5588	901	3837	9	4546	5124	-1380	14079	0	14079	2935	17014	49.94
20	5060	370	443	5873	565	4012	0	5328	5493	-1324	14619	0	14619	2926	17545	49.94
21	5006	242	443	5691	632	4132	0	5746	5180	-1394	14241	0	14241	2792	17033	49.97
22	4885	224	445	5554	450	3910	0	5648	5347	-1507	13754	0	13754	2681	16435	49.98
23	4871	764	448	6083	301	3913	0	5400	5494	-1577	14214	0	14214	2695	16909	49.87
24	4870	471	460	5801	434	4138	0	5440	5216	-1612	13977	0	13977	2733	16710	49.95
MUs	126.34	9.34	10.55	146.24	7.88	99.39	1.57	133.22	132.88	-31.23	356.73	0.00	356.73	64.38	421.11	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 09/May/2016

Position as on 6.30 Hrs of 10/May/2016

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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
CENT.SECTOR	Tarapur 1	160	04/05/2016	00.20		Continued.	Mandatory surveillance checks,Main condenser tube leak check	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
MSPGCL	Bhusawal Unit 2	210	07/05/2016	11.25		Continued.	Control Valve Problem.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/May/2016

Position as on 6.30 Hrs of 10/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RGPPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
MSPGCL	Khaparkheda Unit 4	210	09/05/2016	10.17	09/05/2016	13.43	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2016

Statement-VII

Position as on 6.30 Hrs of 10/May/2016

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							
Chandrapur - Padghe HvdC Pole 1	IntraState	09/05/2016	20.15	09/05/2016	21.17	T	Due To Control Panel Card Burnt.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	04/05/2016	12.53	09/05/2016	07.01	PO	Retrofitting of Main Protection.(06/05/2016 RFC at
Kolhapur Solapur (PG) II	InterState	08/05/2016	16.34	09/05/2016	06.18	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	08/05/2016	18.13	09/05/2016	19.54	T	Distance Protection
Dhule Sar'Sarovar I	InterState	09/05/2016	17.03	09/05/2016	23.06	HT	Over Voltage
Dhule Khandwa II	InterState	09/05/2016	21.28		Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorientation.
Babhaleshwar-Taptitanda ckt-II	IntraState	07/05/2016	13.09		Continued.	PO	Conductor Stringing Work(5 Days).
New Koyna - Dabhol-I	IntraState	08/05/2016	08.21	09/05/2016	20.37	PO	Insulator String Replacement RFC At 21:15Hrs (08.05.2016).
karad -kolhapur-II	IntraState	08/05/2016	16.08	09/05/2016	06.16	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/05/2016	16.27	09/05/2016	06.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/05/2016	16.27	09/05/2016	06.32	HT	Over Voltage
karad -kolhapur-I	IntraState	09/05/2016	16.30		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/05/2016	16.52		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/05/2016	16.57		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/05/2016	03.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	10/05/2016	01.09	10/05/2016	01.47	T	NDR Protection.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	10/05/2016	01.09	10/05/2016	01.27	T	NDR Protection.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	10/05/2016	01.09	10/05/2016	01.53	T	NDR Protection.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	09/05/2016	02.55	09/05/2016	03.58	T	Tripped At Amona End.
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhaleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Tata Borivli MSETCL Borivli 4	IntraState	08/05/2016	08.45	09/05/2016	18.36	PO	Annual Maintenance Work
Halkarni-Mahalaxmiline	IntraState	09/05/2016	02.55	09/05/2016	09.47	T	Distance Protection
Mumewadi -Halkarni II	IntraState	09/05/2016	04.08	09/05/2016	04.39	T	Tripped At Mumewadi End.
Mumewadi -Halkarni I	IntraState	09/05/2016	04.08	09/05/2016	04.46	T	Distance Protection
Mumewadi -Halkarni I	IntraState	09/05/2016	06.22	09/05/2016	0917	HT	For Safety To Issue Work Permit On 220KV Halkarni-Mahalakshmi Line.
Kalwa - Colourchem	IntraState	09/05/2016	07.18	09/05/2016	08.03	PO	Removing Bird Nest.

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 09/May/2016

Statement-VII

Position as on 6.30 Hrs of 10/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Karad(400kv) - Wathar	IntraState	09/05/2016	08.59	09/05/2016	16.00	PO	Bus Section-1 Outage At Wathar.
Kandalgaon - ONGC Panvel	IntraState	09/05/2016	12.55	09/05/2016	13.25	T	Distance Protection
Kharghar - Tss Panvel	IntraState	09/05/2016	12.57	09/05/2016	19.35	T	Distance Protection
Karad - Sadawagpur I	IntraState	09/05/2016	17.30	09/05/2016	19.45	T	Distance Protection
Ghodbunder - Versova	IntraState	09/05/2016	22.48	10/05/2016	04.41	PO	CVT Replacement.
Kharghar Trombay	IntraState	10/05/2016	00.07	10/05/2016	00.27	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)
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	09/05/2016	10.29	09/05/2016	17.21	PO	Diagnostic Testing Work Premonsoon Work.

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