

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/May/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.333	1365.134	1) Gujrat	-1.885	-22.603
2) Hydro	10.506	99.810	2) Madhya Pradesh	13.011	148.546
3) Gas	10.554	115.911	3) Chattisgarh	6.970	73.720
Total MSPGCL	145.393	1580.855	4) Maharashtra Net	97.324	1023.638
B) 1) APLM	39.299	480.356	5) Goa (Amona)	-0.248	-5.120
2) JSWEL	27.188	295.301	6) TAPS 1&2 Injection	1.330	11.698
3) VIPL	12.303	135.923	7) RGPPL Injection	11.746	126.234
4) RPL(AMT)	15.613	173.581	8) Pench (MS)	0.000	0.521
5) WPCL	2.835	32.864	9) Pench (Excess)	0.000	-0.521
6) Other IPP	5.120	59.849	Total	128.248	1355.592
C) 1) TPCL Thermal	16.988	161.928	a) Mumbai Schedule	24.869	266.807
2) TPCL Hydro	2.906	29.783	b) Mumbai Drawl	31.655	329.295
3) TPCL Gas	3.831	45.180	c) MSEDCL Bilateral *	31.827	341.517
4) R-INFRA Thermal	10.586	120.212	Include PX	-1.408	-3.767
D) STATE			d) Mumbai Bilateral *	24.869	266.807
1) Thermal	254.265	2825.148	Include PX	2.069	25.867
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.412	129.593	H) ENERGY CATERED (MUs)		
3) Gas	14.385	161.091	1) MSEDCL	357.461	3945.823
4) Wind	11.970	145.911	2) Mumbai Discoms	65.966	686.366
6) SOLAR	1.147	14.886	TOTAL STATE	423.427	4632.189
TOTAL STATE	295.179	3276.629			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5478	5398	4795	5036
MSPGCL Hydro	940	631	853	141
MSPGCL Gas	424	424	434	448
MSPGCL Total Generation	6842	6453	6082	5625
Central Sector Receipt	6016	6096	5147	4704
WIND	162	226	946	430
CPP / IPP	4643	4631	3827	4216
SOLAR	163	170	0	0
Exchange with Mumbai	-1446	-1513	-1505	-1060
MSEDCL DEMAND MET	16380	16063	14497	13915
Load Shedding	0	0	0	0
MSEDCL DEMAND	16380	16063	14497	13915
TPCL GENERATION	1326	1272	930	670
R-INFRA GENERATION	497	504	402	404
MUMBAI DEMAND	3269	3289	2837	2134
STATE DEMAND MET	19649	19352	17334	16049
STATE DEMAND	19649	19352	17334	16049
Frequency (Hz)	49.98	49.95	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.01 Hrs	49.72 Hz at 19.39 Hrs	49.98	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 11/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	8.22	92.58	365	300
Total	8.22	92.58		
Bhusawal				
Unit 2	0.00	20.34	0	0
Unit 3	3.98	43.10	175	160
Unit 4	9.62	109.02	500	40
Unit 5	10.10	109.54	510	350
Total	23.70	282.00		
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	4.48	48.26	203	168
Unit 4	4.26	47.04	185	162
Unit 5	9.59	103.25	433	355
Unit 6	10.42	112.82	475	360
Unit 7	9.78	83.83	445	355
Total	38.52	395.20		
Paras				
Unit 3	5.46	60.44	252	199
Unit 4	4.85	61.30	260	0
Total	10.30	121.73		
Khaparkheda				
Unit 1	3.85	42.62	175	145
Unit 2	4.04	43.80	180	160
Unit 3	4.21	42.05	200	160
Unit 4	0.55	41.19	203	0
Unit 5	10.36	89.41	505	370
Total	23.00	259.06		
Nasik				
Unit 3	4.14	45.36	195	160
Unit 4	4.11	44.47	190	162
Unit 5	4.16	45.59	194	164
Total	12.41	135.42		
Uran				
All Units	10.55	115.91	454	423
Total	10.55	115.91		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.52	0	0
Total	0.00	0.52		
Koyna				
Stage 1-2	3.40	36.18	420	40
Stage 4	3.29	24.05	494	0
Stage 3	1.03	13.05	160	0
Total	7.72	73.29		
Hydro				
KDPH	0.54	6.36	23	22
VTRNA	0.00	0.29	0	0
TILLARI	0.29	3.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.67	80	0
RNGR+BHTSA	0.18	1.72	10	0
BHANDARDRA	0.15	1.49	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.18	11	10
GHATGHAR	1.25	9.28	250	0
Total	2.79	26.52		
Wind				
Total	11.97	145.91	0	0
Total	11.97	145.91		
CPP				
APML(Mus)	39.30	480.36	0	0
JSWEL(Mus)	27.19	295.30	0	0
VIPL(Mus)	12.30	135.92	0	0
RPLAMT(Mus)	15.61	173.58	0	0
WPCL(Mus)	2.84	32.86	0	0
Other(Mus)	5.12	59.85	0	0
Total	102.36	1177.87		
SOLAR				
Total	1.15	14.89	0	0
Total	1.15	14.89		
Tata				
Trombay 5	11.19	98.81	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	28.94	115	94
Trombay 7B	1.44	16.24	65	58
Trombay 8	5.80	63.12	249	201
TATA Hydro	2.91	29.78	406	11
Total	23.72	236.89		
R-INFRA				
1-2	10.59	120.21	514	402
Total	10.59	120.21		

* 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	124.33	1365.13	MSPGCL Total	145.39	1580.86
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	134.89	1481.04	Koyna 1,2 & 4 Total	6.69	60.23
Koradi 9	8.18	77.22	MSPGCL Hydro	10.51	99.81	State Total	295.18	3276.63
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 11/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	5738	86	448	6272	668	4555	0	5604	5053	-1166	15382	0	15382	2559	17941	50.03
2	5699	86	448	6233	613	4349	0	5268	4389	-1099	14485	0	14485	2396	16881	50.04
3	5182	96	448	5726	529	4292	0	5070	4654	-1058	14143	0	14143	2243	16386	49.99
4	5036	141	448	5625	430	4216	0	5044	4704	-1060	13915	0	13915	2134	16049	50.02
5	5045	81	449	5575	347	4205	0	5120	4848	-1008	13967	0	13967	2083	16050	50.02
6	5042	125	450	5617	358	4264	0	5420	5208	-979	14468	0	14468	2094	16562	49.96
7	5354	125	448	5927	224	4356	4	5442	5537	-831	15217	0	15217	2105	17322	50.05
8	5602	91	448	6141	131	4390	42	5507	5028	-893	14839	0	14839	2186	17025	50.01
9	5257	308	453	6018	98	4398	89	5653	5840	-1235	15208	0	15208	2550	17758	49.98
10	4937	1292	430	6659	59	4475	102	5791	5754	-1351	15698	0	15698	2835	18533	49.95
11	5646	1140	432	7218	105	4631	130	5886	5720	-1475	16329	0	16329	3212	19541	49.97
12	5478	940	424	6842	162	4643	163	6031	6016	-1446	16380	0	16380	3269	19649	49.98
13	5398	631	424	6453	226	4631	170	6026	6096	-1513	16063	0	16063	3289	19352	49.95
14	5480	269	423	6172	262	4654	153	6006	5971	-1505	15707	0	15707	3201	18908	49.96
15	5568	233	429	6230	351	4652	132	6013	5999	-1519	15845	0	15845	3250	19095	49.94
16	5472	154	437	6063	517	4551	100	6033	5465	-1580	15116	0	15116	3267	18383	49.98
17	4817	88	438	5343	740	3959	46	5897	5623	-1564	14147	0	14147	3240	17387	50.02
18	4810	93	449	5352	1230	3749	16	5098	5134	-1649	13832	0	13832	3145	16977	50.04
19	4798	87	427	5312	1330	3804	0	4092	4078	-1527	12997	0	12997	2929	15926	49.98
20	4790	537	443	5770	1152	3850	0	4847	4933	-1421	14284	0	14284	2927	17211	49.89
21	4795	853	434	6082	946	3827	0	5069	5147	-1505	14497	0	14497	2837	17334	49.94
22	4811	803	433	6047	607	3832	0	5440	5439	-1447	14478	0	14478	2788	17266	49.94
23	4773	1157	454	6384	423	4010	0	5715	5752	-1380	15189	0	15189	2687	17876	49.93
24	4805	1090	437	6332	462	4066	0	5672	5861	-1444	15277	0	15277	2740	18017	49.95
MUs	124.33	10.51	10.55	145.39	11.97	102.36	1.15	131.74	128.25	-31.65	357.46	0.00	357.46	65.97	423.43	49.98

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 11/May/2016

Position as on 6.30 Hrs of 12/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	11/05/2016	05.38	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 11/May/2016

Position as on 6.30 Hrs of 12/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	11/05/2016	03.00		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	11/05/2016	11.05	11/05/2016	13.05	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2016

Statement-VII

Position as on 6.30 Hrs of 12/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	10/05/2016	08.35	11/05/2016	09.15	PO	Insulator Replacement (RFC @ 19.08).
Dabhol Nagothane I	InterState	11/05/2016	03.52	11/05/2016	15.05	T	Distance Protection
Dhule Sar'Sarovar I	InterState	11/05/2016	09.05	11/05/2016	17.00	PO	On Line Pid.
Dhule Sar'Sarovar II	InterState	11/05/2016	09.06		Continued.	PO	Cut Point Tightening @ Various Location (RFC @ 16.30 Hrs).
Wardha (Pg) Warora I	InterState	11/05/2016	09.51	11/05/2016	20.56	HT	AMC Work.
Dabhol New koyna I	InterState	11/05/2016	15.30		Continued.	PO	String Replacement.
Padgha - Boisar (PG)	InterState	11/05/2016	16.46	11/05/2016	18.27	T	Distance Protection
Talegaon PG-Aurangabad-I	InterState	11/05/2016	18.50	11/05/2016	22.07	T	DT Received @ Aurangabad.
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	Dismantling of Conductor Reorientation.
Babhaleshwar-Taptitanda ckt-II	IntraState	07/05/2016	13.09		Continued.	PO	Conductor Stringing Work(5 Days).
karad -kolhapur-II	IntraState	10/05/2016	16.11	11/05/2016	08.31	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/05/2016	16.56	11/05/2016	08.41	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/05/2016	18.07	11/05/2016	07.28	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	11/05/2016	09.22	11/05/2016	18.55	PO	Diagnostic Testing Work.
karad -kolhapur-II	IntraState	11/05/2016	16.04		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/05/2016	16.32		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/05/2016	16.40		Continued.	HT	Over Voltage
Pune(GIS) - Parli II	IntraState	11/05/2016	18.50	11/05/2016	21.16	T	Tripped.
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.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	11/05/2016	06.28	11/05/2016	07.42	T	Distance Protection
Nasik Navsari I	InterState	11/05/2016	15.49		Continued.	T	Distance Protection
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
Pedhambe - Oni	IntraState	11/05/2016	09.10	11/05/2016	16.32	PO	Attending Hot Spot
Parli New Tps - Beed Ckt 1	IntraState	11/05/2016	09.33	11/05/2016	12.01	PO	Quarterly Maintenance Work
Vita - Miraj	IntraState	11/05/2016	09.42	11/05/2016	11.39	PO	Testing & Commissioning Work.
Parli 3 (Old Gcr)-Osmanabad	IntraState	11/05/2016	10.05	11/05/2016	14.38	PO	MD Span Conductor Joint Work.
Nanded-Ghatodi	IntraState	11/05/2016	15.17	11/05/2016	15.52	T	Distance Protection
Nanded-Ghatodi	IntraState	11/05/2016	16.02	11/05/2016	19.05	T	Distance Protection
Parli 3 (Old Gcr)-Osmanabad	IntraState	11/05/2016	16.15	11/05/2016	16.31	T	Distance Protection
220 KV ICT Outages/Trippings							

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 11/May/2016

Statement-VII

Position as on 6.30 Hrs of 12/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 100MVA ICT-I @ Shivajinagar	IntraState	11/05/2016	08.35	11/05/2016	10.33	PO	Quarterly Maintainance Work
220/132 Kv 100 Mva Emco Ict 1 @Buttibori	IntraState	11/05/2016	08.50	11/05/2016	11.19	PO	Attending Hot Spot on R Ph CT.
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	11/05/2016	13.00	11/05/2016	16.15	PO	Attending Oil Leakage in R & Y Ph CT.
220/22kv 40 Mva Cgl Ptr 1 @Sicom	IntraState	11/05/2016	14.00		Continued.	PO	Cable Replacement & CT,PT Replacement Work.
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 1	IntraState	11/05/2016	05.44	11/05/2016	05.56	T	Distance Protection

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