

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 16/May/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.987	2007.705	1) Gujrat	-6.641	-48.360
2) Hydro	22.889	182.396	2) Madhya Pradesh	13.617	220.951
3) Gas	8.379	163.961	3) Chattisgarh	1.490	100.730
Total MSPGCL	165.255	2354.062	4) Maharashtra Net	117.813	1561.572
B) 1) APML	13.888	620.862	5) Goa (Amona)	-0.790	-9.138
2) JSWEL	27.402	434.666	6) TAPS 1&2 Injection	3.006	23.901
3) VIPL	14.233	203.812	7) RGPPL Injection	11.701	184.774
4) RPL(AMT)	25.993	229.137	8) Pench (MS)	0.016	0.537
5) WPCL	2.762	46.928	9) Pench (Excess)	-0.016	-0.537
6) Other IPP	5.231	85.084	Total	140.180	2033.893
C) 1) TPCL Thermal	17.190	247.451	a) Mumbai Schedule	27.860	394.717
2) TPCL Hydro	3.913	43.740	b) Mumbai Drawl	30.982	475.701
3) TPCL Gas	3.875	64.738	c) MSEDCL Bilateral *	35.137	506.103
4) R-INFRA Thermal	12.075	177.299	Include PX	-0.179	-4.868
D) STATE			d) Mumbai Bilateral *	27.860	394.717
1) Thermal	252.761	4052.944	Include PX	2.243	35.901
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	26.802	226.136	H) ENERGY CATERED (MUs)		
3) Gas	12.254	228.699	1) MSEDCL	375.757	5759.106
4) Wind	10.534	205.047	2) Mumbai Discoms	68.037	1008.899
6) SOLAR	1.261	21.316	TOTAL STATE	443.794	6768.005
TOTAL STATE	303.612	4734.142			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5898	5785	5379	5287
MSPGCL Hydro	1670	1573	1454	270
MSPGCL Gas	302	427	436	307
MSPGCL Total Generation	7870	7785	7269	5864
Central Sector Receipt	6017	6222	6067	5083
WIND	271	262	474	501
CPP / IPP	3754	3743	3744	3687
SOLAR	146	110	0	0
Exchange with Mumbai	-1608	-1586	-1349	-755
MSEDCL DEMAND MET	16450	16536	16205	14380
Load Shedding	0	0	0	0
MSEDCL DEMAND	16450	16536	16205	14380
TPCL GENERATION	1173	1307	1092	876
R-INFRA GENERATION	493	489	511	513
MUMBAI DEMAND	3274	3382	2952	2144
STATE DEMAND MET	19724	19918	19157	16524
STATE DEMAND	19724	19918	19157	16524
Frequency (Hz)	49.99	49.97	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 12:00 Hrs	49.79 Hz at 19:22 Hrs	49.95	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 16/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.32	0.32	110	0
Unit 6	0.00	0.00	0	0
Unit 7	3.12	9.42	185	0
Unit 8	12.69	141.24	570	499
Total	16.14	150.98		
Bhusawal				
Unit 2	3.47	33.36	160	135
Unit 3	3.95	63.14	175	155
Unit 4	12.00	165.92	500	500
Unit 5	9.71	163.98	510	0
Total	29.13	426.40		
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	4.00	69.83	185	146
Unit 4	4.43	68.92	187	182
Unit 5	0.00	111.83	0	0
Unit 6	10.95	166.04	480	410
Unit 7	10.43	134.90	440	418
Total	29.81	551.53		
Paras				
Unit 3	5.78	88.99	255	207
Unit 4	5.36	85.31	260	0
Total	11.13	174.30		
Khaparkheda				
Unit 1	2.86	55.14	165	0
Unit 2	3.84	63.68	170	130
Unit 3	4.54	64.22	198	161
Unit 4	2.68	52.52	189	0
Unit 5	12.07	147.81	510	500
Total	26.00	383.38		
Nasik				
Unit 3	4.55	67.66	200	175
Unit 4	4.64	66.79	198	187
Unit 5	4.50	67.62	194	178
Total	13.69	202.07		
Uran				
All Units	8.38	163.96	440	286
Total	8.38	163.96		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	0.54	16	0
Total	0.02	0.54		
Koyna				
Stage 1-2	6.22	59.76	515	40
Stage 4	11.49	59.86	931	0
Stage 3	3.30	26.48	160	0
Total	21.00	146.10		
Hydro				
KDPH	0.53	8.08	23	22
VTRNA	0.00	0.29	0	0
TILLARI	0.30	4.92	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	2.44	67	0
RNGR+BHTSA	0.01	2.45	1	0
BHANDARDRA	0.13	2.00	6	5
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	2.98	7	6
GHATGHAR	0.62	13.15	125	0
Total	1.89	36.30		
Wind				
Total	10.53	205.05	0	0
Total	10.53	205.05		
CPP				
APML(Mus)	13.89	620.86	0	0
JSWEL(Mus)	27.40	434.67	0	0
VIPL(Mus)	14.23	203.81	0	0
RPLAMT(Mus)	25.99	229.14	0	0
WPCL(Mus)	2.76	46.93	0	0
Other(Mus)	5.23	85.08	0	0
Total	89.51	1620.49		
SOLAR				
Total	1.26	21.32	0	0
Total	1.26	21.32		
Tata				
Trombay 5	11.34	155.08	489	428
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	41.25	115	74
Trombay 7B	1.43	23.49	64	52
Trombay 8	5.85	92.37	251	226
TATA Hydro	3.91	43.74	440	0
Total	24.98	355.93		
R-INFRA				
1-2	12.08	177.30	513	473
Total	12.08	177.30		

* 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	133.99	2007.70	MSPGCL Total	165.26	2354.06
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	142.37	2171.67	Koyna 1,2 & 4 Total	17.71	119.62
Koradi 9	8.08	117.11	MSPGCL Hydro	22.89	182.40	State Total	303.61	4734.14
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	5291	956	296	6543	537	3738	0	5510	5653	-1291	15180	0	15180	2687	17867	49.95
2	5293	786	307	6386	477	3700	0	5331	5446	-1071	14938	0	14938	2467	17405	49.96
3	5242	445	288	5975	562	3681	0	5215	5268	-917	14569	0	14569	2305	16874	49.96
4	5247	320	298	5865	585	3685	0	5181	5395	-808	14722	0	14722	2195	16917	49.70
5	5287	270	307	5864	501	3687	0	5177	5083	-755	14380	0	14380	2144	16524	49.99
6	5471	302	286	6059	610	3681	0	5218	5562	-801	15111	0	15111	2148	17259	49.97
7	5582	485	309	6376	543	3723	5	5339	5509	-789	15367	0	15367	2133	17500	49.99
8	5619	570	297	6486	419	3765	38	5742	5344	-834	15218	0	15218	2207	17425	50.00
9	5755	462	305	6522	394	3754	93	5819	5955	-1195	15523	0	15523	2583	18106	49.94
10	5846	1332	292	7470	312	3752	133	5711	5932	-1430	16169	0	16169	2912	19081	49.96
11	5898	1670	302	7870	271	3754	146	5780	6017	-1608	16450	0	16450	3274	19724	49.99
12	5917	1414	288	7619	292	3754	166	5909	5952	-1481	16302	0	16302	3322	19624	49.96
13	5788	1238	293	7319	272	3732	180	5926	6035	-1528	16010	0	16010	3369	19379	49.98
14	5663	1218	317	7198	308	3748	140	5892	6430	-1565	16259	0	16259	3314	19573	49.95
15	5691	1473	322	7486	282	3745	134	5923	6379	-1639	16387	0	16387	3379	19766	49.94
16	5785	1573	427	7785	262	3743	110	5926	6222	-1586	16536	0	16536	3382	19918	49.97
17	5848	1167	423	7438	356	3734	76	5820	6206	-1623	16187	0	16187	3374	19561	49.98
18	5866	418	436	6720	367	3738	36	5567	5948	-1599	15210	0	15210	3184	18394	49.97
19	5884	239	417	6540	396	3713	4	5343	5345	-1381	14617	0	14617	3048	17665	49.99
20	5577	1011	428	7016	391	3761	0	5733	6323	-1382	16109	0	16109	3007	19116	49.94
21	5379	1454	436	7269	474	3744	0	5744	6067	-1349	16205	0	16205	2952	19157	49.93
22	5308	1304	426	7038	520	3740	0	5834	6113	-1420	15991	0	15991	2883	18874	49.95
23	5362	1414	440	7216	688	3716	0	5664	5834	-1458	15996	0	15996	2870	18866	49.94
24	5388	1368	439	7195	715	3717	0	5602	6162	-1472	16317	0	16317	2896	19213	49.96
MUs	133.99	22.89	8.38	165.26	10.53	89.51	1.26	134.91	140.18	-30.98	375.76	0.00	375.76	68.04	443.79	49.95

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 16/May/2016

Position as on 6.30 Hrs of 17/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	16/05/2016	18.42	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
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-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	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
MSPGCL	Chandrapur Unit 5	500	12/05/2016	22.42	17/05/2016	05.04	Air heater problem	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	14/05/2016	15.04	16/05/2016	05.24	Boiler Tube Leakage	
IPP	Adani U-2	660	15/05/2016	00.58		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/May/2016

Position as on 6.30 Hrs of 17/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 4	210	15/05/2016	01.00	16/05/2016	07.46	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	15/05/2016	09.03	16/05/2016	12.43	Gas shortage	
MSPGCL	Koradi Unit 7	210	15/05/2016	13.32	16/05/2016	04.37	Flame Failure	
MSPGCL	Paras Unit 4	250	16/05/2016	12.30	16/05/2016	14.24	Furnace Pressure High	
MSPGCL	Bhusawal Unit 5	500	16/05/2016	19.19	17/05/2016	01.12	Flame Failure	
MSPGCL	Koyana STG-IV Unit-4	250	16/05/2016	20.15	16/05/2016	23.50	Generator Cold Air Temp.High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/May/2016

Statement-VII

Position as on 6.30 Hrs of 17/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							
Koradi Bhilai	InterState	15/05/2016	09.26	16/05/2016	18.31	PO	765kv D/C Line Crossing
Akola Aurangabad(PG) II	InterState	16/05/2016	09.36	16/05/2016	19.48	HT	Safety purpose for A'Bad-A'Bad PG-I Outage
Dhule Sar'Sarovar I	InterState	16/05/2016	18.17	17/05/2016	06.16	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorientation.
New Koyna - Dabhol-I	IntraState	14/05/2016	07.54		Continued.	PO	String Replacement.
Padgha-HVDC(AC)-II	IntraState	15/05/2016	12.45		Continued.	PO	Attending Hot Spot & Shifted on TBC
karad -kolhapur-II	IntraState	15/05/2016	16.08	16/05/2016	09.28	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/05/2016	16.43	16/05/2016	09.31	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/05/2016	22.57	16/05/2016	06.57	HT	Over Voltage
Aurangabad - Aurangabad(PG) I	IntraState	16/05/2016	09.43	16/05/2016	19.29	PO	String replacement work
karad -kolhapur-I	IntraState	16/05/2016	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/05/2016	17.07	17/05/2016	01.37	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/05/2016	22.43		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	17/05/2016	01.26		Continued.	T	Distance Protection
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 KV 500 MVA ICT- II @Warora	IntraState	13/05/2016	14.39		Continued.	PO	For Dismanteling Of ICT-I
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	16/05/2016	06.43	16/05/2016	06.48	T	Tripped at Amona end only
Butibori 3-Butibori 1	InterState	16/05/2016	08.26	16/05/2016	16.20	PO	Erection of 220KV CC and Tan Delta measurement work
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
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).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar - Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Sawantwadi-Bidri	IntraState	16/05/2016	09.40	16/05/2016	15.40	PO	Quarterly Maintainance Work
Dhule-Chalisagaon	IntraState	16/05/2016	10.21	16/05/2016	15.40	PO	Due to Low Clearance for OPGW Work
Dhule-Amalner(220kv)	IntraState	16/05/2016	10.54	16/05/2016	16.32	PO	Due to Low Clearance for OPGW Work
Dhule - Dondaicha Ckt	IntraState	16/05/2016	16.40	16/05/2016	19.51	PO	Due to Low Clearance for OPGW Work
Warora - Hinganghat	IntraState	16/05/2016	20.14	16/05/2016	20.35	T	Heavy sparking on Line Isolator
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)
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	16/05/2016	08.15	16/05/2016	16.20	PO	Testing Work
220/132kv 200MVA ICT-I@ Tilawani	IntraState	16/05/2016	10.00	16/05/2016	10.51	PO	premansoon Maint.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 16/May/2016

Statement-VII

Position as on 6.30 Hrs of 17/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 200MVA ICT II @ Tilwani	IntraState	16/05/2016	11.07	16/05/2016	11.30	PO	premansoon Maint.work