

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Oct/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.690	922.479	1) Gujrat	7.255	52.512
2) Hydro	7.324	44.888	2) Madhya Pradesh	9.118	93.307
3) Gas	10.211	60.706	3) Chattisgarh	4.150	34.170
Total MSPGCL	149.225	1028.073	4) Maharashtra Net	98.663	768.070
B) 1) APML	57.990	438.140	5) Goa	-7.735	-59.333
2) JSWEL	29.206	215.778	6) TAPS 1&2 Injection	3.585	28.294
3) VIPL	11.997	89.420	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.040	155.920	8) Pench (MS)	0.316	3.749
5) WPCL	4.282	35.665	9) Pench (Excess)	-0.316	-3.749
6) Other IPP	2.810	23.059	Total	114.720	913.271
C) 1) TPCL Thermal	17.369	131.547	a) Mumbai Schedule	27.050	195.476
2) TPCL Hydro	3.378	16.415	b) Mumbai Drawl	31.355	230.113
3) TPCL Gas	4.328	35.231	c) MSEDCL Bilateral *	23.009	215.706
4) R-INFRA Thermal	12.133	94.247	Include PX	-1.039	-5.529
D) STATE			d) Mumbai Bilateral *	27.050	195.476
1) Thermal	284.517	2106.255	Include PX	6.638	39.255
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.702	61.303	H) ENERGY CATERED (MUs)		
3) Gas	14.539	95.937	1) MSEDCL	360.850	2728.118
4) Wind	3.657	50.141	2) Mumbai Discoms	68.562	507.547
6) SOLAR	1.278	8.764	TOTAL STATE	429.412	3235.665
TOTAL STATE	314.693	2322.400			

* 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	5734	5433	5580	5181
MSPGCL Hydro	658	714	594	64
MSPGCL Gas	430	414	422	428
MSPGCL Total Generation	6822	6561	6596	5673
Central Sector Receipt	5209	5291	5012	3727
WIND	122	175	95	212
CPP / IPP	5251	5297	5059	4964
SOLAR	164	104	0	0
Exchange with Mumbai	-1625	-1592	-1519	-693
MSEDCL DEMAND MET	15943	15836	15243	13883
Load Shedding	52	46	56	20
MSEDCL DEMAND	15995	15882	15299	13903
TPCL GENERATION	1259	1321	1156	895
R-INFRA GENERATION	510	503	514	517
MUMBAI DEMAND	3394	3416	3189	2105
STATE DEMAND MET	19337	19252	18432	15988
STATE DEMAND	19389	19298	18488	16008
Frequency (Hz)	49.95	49.91	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 13:03 Hrs	49.73 Hz at 01:34 Hrs	49.96	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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	24.49	150	135
Unit 6	0.00	0.00	0	0
Unit 7	3.53	28.42	165	125
Total	6.97	52.91		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	31.04	175	170
Unit 4	10.91	84.16	475	430
Unit 5	11.66	86.22	505	450
Total	26.70	201.42		
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	3.25	26.34	146	120
Unit 3	4.69	36.23	206	175
Unit 4	4.68	35.35	208	166
Unit 5	9.82	34.29	425	385
Unit 6	10.19	78.95	450	375
Unit 7	10.00	78.15	460	334
Total	42.63	289.31		
Paras				
Unit 3	4.72	39.16	222	169
Unit 4	5.15	37.92	245	183
Total	9.86	77.08		
Khaparkheda				
Unit 1	3.86	21.10	175	130
Unit 2	3.82	27.74	170	135
Unit 3	4.30	31.42	187	172
Unit 4	3.59	14.88	152	147
Unit 5	9.92	71.41	470	361
Total	25.48	166.57		
Nasik				
Unit 3	4.68	35.80	205	185
Unit 4	0.00	15.40	0	0
Unit 5	4.65	36.04	203	183
Total	9.33	87.24		
Uran				
All Units	10.21	60.71	434	414
Total	10.21	60.71		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.32	3.75	23	0
Total	0.32	3.75		
Koyna				
Stage 1-2	3.26	17.90	450	40
Stage 4	1.39	4.15	239	0
Stage 3	1.02	4.01	160	0
Total	5.66	26.06		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	1.40	80	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.50	3.95	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	1.84	13	3
GHATGHAR	0.82	8.83	125	0
Total	1.66	18.82		
Wind				
Total	3.66	50.14	0	0
Total	3.66	50.14		
CPP				
APML(Mus)	57.99	438.14	0	0
JSWEL(Mus)	29.21	215.78	0	0
VIPL(Mus)	12.00	89.42	0	0
RPLAMT(Mus)	17.04	155.92	0	0
WPCL(Mus)	4.28	35.66	0	0
Other(Mus)	2.81	23.06	0	0
Total	123.32	957.98		
SOLAR				
Total	1.28	8.76	0	0
Total	1.28	8.76		
Tata				
Trombay 5	11.48	84.76	487	470
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	22.31	118	99
Trombay 7B	1.60	12.92	69	61
Trombay 8	5.89	46.79	250	240
TATA Hydro	3.38	16.42	405	53
Total	25.08	183.19		
R-INFRA				
1-2	12.13	94.25	518	397
Total	12.13	94.25		

Infirm Power	Chandrapur 8	5.36
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.69	922.48
MSPGCL Thml+Gas	141.90	983.18

Koradi 8	5.34	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.32	44.89
MSPGCL Total	149.22	1028.07

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.65	22.05
State Total	314.69	2322.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Oct/2015

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	5278	68	428	5774	308	5007	0	4490	4533	-1263	14359	32	14391	2602	16993	49.90
2	5119	164	430	5713	279	4783	0	4319	4093	-1048	13820	20	13840	2337	16177	49.88
3	5148	104	430	5682	278	4982	0	3890	4019	-803	14158	20	14178	2206	16384	49.99
4	5181	64	428	5673	212	4964	0	3767	3727	-693	13883	20	13903	2105	16008	50.01
5	5218	70	428	5716	183	4989	0	3999	3713	-650	13951	20	13971	2064	16035	49.97
6	5313	80	430	5823	138	4991	0	4419	4357	-683	14626	28	14654	2098	16752	49.91
7	5450	265	433	6148	126	5094	1	4667	4558	-760	15167	54	15221	2181	17402	49.96
8	5737	203	434	6374	88	5186	29	4763	4862	-821	15718	93	15811	2237	18048	49.98
9	5542	250	430	6222	54	5232	83	4941	4964	-1229	15326	91	15417	2637	18054	49.98
10	5637	468	425	6530	53	5275	128	5122	5255	-1428	15813	46	15859	2944	18803	49.98
11	5705	504	425	6634	69	5241	161	5189	5318	-1579	15844	53	15897	3278	19175	49.97
12	5734	658	430	6822	122	5251	164	5227	5209	-1625	15943	52	15995	3394	19389	49.95
13	5702	274	433	6409	215	5279	188	5184	5198	-1615	15674	37	15711	3398	19109	50.00
14	5630	198	425	6253	249	5235	178	5132	5347	-1667	15595	40	15635	3320	18955	49.97
15	5561	615	415	6591	242	5232	162	5231	5265	-1649	15843	28	15871	3412	19283	49.90
16	5433	714	414	6561	175	5297	104	5337	5291	-1592	15836	46	15882	3416	19298	49.91
17	5452	496	416	6364	132	5241	68	5367	5465	-1625	15645	60	15705	3380	19085	49.92
18	5437	267	417	6121	90	5190	12	4696	4633	-1657	14389	53	14442	3279	17721	49.98
19	5545	609	421	6575	90	4993	0	5011	4972	-1565	15065	51	15116	3243	18359	49.90
20	5580	594	422	6596	95	5059	0	5359	5012	-1519	15243	56	15299	3189	18488	50.01
21	5578	356	422	6356	108	5107	0	5051	5015	-1451	15135	55	15190	3065	18255	49.97
22	5596	173	425	6194	109	5227	0	4817	4686	-1486	14730	50	14780	2968	17748	50.01
23	5577	65	424	6066	118	5260	0	4806	4559	-1504	14499	45	14544	2935	17479	49.97
24	5537	65	426	6028	124	5210	0	4684	4669	-1443	14588	33	14621	2875	17496	49.96
MUs	131.69	7.32	10.21	149.23	3.66	123.33	1.28	115.47	114.72	-31.36	360.85	1.08	361.93	68.56	430.50	49.96

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/Oct/2015

Position as on 6.30 Hrs of 09/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 2	75	07/10/2015	07.30	08/10/2015	01.05	P M Work.	
MSPGCL	Koyana Unit 3	75	08/10/2015	07.40	08/10/2015	19.00	Annual Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generator bearing	
MSPGCL	Nasik Unit 4	210	04/10/2015	11.32		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	06/10/2015	18.20	09/10/2015	04.38	ID Fan Problem	
IPP	RPL(AMT) U-4	270	08/10/2015	17.48	08/10/2015	19.33	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 09/Oct/2015

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							
HVDC Pole-I	IntraState	07/10/2015	07.56		Continued.	PO	Annual Overhaul.
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	06/10/2015	11.21		Continued.	PO	Line Maintenance work
Kolhapur Mapusa I	InterState	07/10/2015	22.02	08/10/2015	07.12	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/10/2015	22.03	08/10/2015	07.16	HT	Over Voltage
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52	08/10/2015	Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa II	InterState	08/10/2015	21.01		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/10/2015	22.26		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
karad -kolhapur-II	IntraState	07/10/2015	16.39	08/10/2015	09.03	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/10/2015	20.40	08/10/2015	06.40	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/10/2015	21.02	08/10/2015	09.12	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/10/2015	17.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/10/2015	17.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	08/10/2015	06.46	08/10/2015	10.18	PO	To Attend Hot Spot (Shifted to TBC)
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	08/10/2015	13.01	08/10/2015	16.00	PO	To Analyze NDR Tripping.
400/220kv 315 Mva ICT III @Karad	IntraState	08/10/2015	15.26	08/10/2015	17.29	EO	To attend Hot Spot
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.
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Bableshwar- Alephata	IntraState	07/10/2015	18.58		Continued.	HT	To Control Load on ICT.
REL Borivali Aarey Line	IntraState	08/10/2015	00.34	08/10/2015	04.06	PO	For Fixing of Insulation Sleeves.
Padgha - Temghar I	IntraState	08/10/2015	06.24	08/10/2015	09.38	PO	Testing Work
Pophli Pedhmbe Line- 2	IntraState	08/10/2015	08.15	08/10/2015	16.05	PO	Maintenance Work.
Lonand-Baramati	IntraState	08/10/2015	10.10	08/10/2015	11.55	PO	Conductor Repairing Work.
Topworth - Kharghar	IntraState	08/10/2015	11.44	08/10/2015	19.22	PO	Testing Work
Jejuri (400 Kv)- Baramati li	IntraState	08/10/2015	14.00	08/10/2015	17.32	PO	CT Tandelata Testing & Half Yearly Maint.Work.
Padegaon-Sawangi	IntraState	08/10/2015	18.17		Continued.	T	R Phase String Insulator Decapped.R-E Fault.
Bableshwar- Ranjangaon	IntraState	08/10/2015	23.28		Continued.	HT	To Control Load on ICT.
REL Borivali Aarey Line	IntraState	09/10/2015	00.31	09/10/2015	03.42	PO	Fixing of Insulation Sleeves.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panel
220/22-22 Kv 100 Mva Ptr No 1	IntraState	08/10/2015	09.30	08/10/2015	15.10	PO	OLTC Overhauling 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/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 09/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Parvati							
220/33 Kv 25mva Ptr I @Sawangi	IntraState	08/10/2015	18.17	08/10/2015	19.34	HT	Due to Supply Failure Due to Tripping of Incoming Ckt.
220/33 Kv 25 Mva Ptr 2 @Sawangi	IntraState	08/10/2015	18.17	08/10/2015	19.34	HT	Due to Supply Failure Due to Tripping of Incoming Ckt.
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	08/10/2015	18.17	08/10/2015	19.34	T	Backup Protection
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	08/10/2015	18.17	08/10/2015	19.48	T	Backup Protection
132 KV LINE Outages/Trippings							
Mouda-Bhandara	IntraState	07/10/2015	15.50		Continued.	T	Distance Protection Operated Zone-I R-Y Fault.
Padegaon - Sawangi	IntraState	08/10/2015	18.17	08/10/2015	19.22	T	Backup Protection
Sawangi (220kv) - Harsool	IntraState	08/10/2015	18.17	08/10/2015	19.52	T	Backup Protection

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