

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Oct/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.480	330.073	1) Gujrat	4.419	19.026
2) Hydro	5.837	16.026	2) Madhya Pradesh	13.430	40.412
3) Gas	7.119	21.042	3) Chattisgarh	4.250	12.930
Total MSPGCL	117.436	367.141	4) Maharashtra Net	94.539	297.472
B) 1) APML	53.240	161.800	5) Goa	-7.610	-22.697
2) JSWEL	24.898	75.861	6) TAPS 1&2 Injection	3.514	10.524
3) VIPL	10.734	32.992	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	20.390	55.830	8) Pench (MS)	0.402	1.558
5) WPCL	4.344	13.489	9) Pench (Excess)	-0.402	-1.558
6) Other IPP	2.903	9.129	Total	112.140	356.109
C) 1) TPCL Thermal	15.743	50.075	a) Mumbai Schedule	23.832	73.480
2) TPCL Hydro	1.170	4.158	b) Mumbai Drawl	28.704	86.852
3) TPCL Gas	4.551	13.589	c) MSEDCL Bilateral *	27.279	87.023
4) R-INFRA Thermal	11.262	35.063	Include PX	-0.715	3.578
D) STATE			d) Mumbai Bilateral *	23.832	73.480
1) Thermal	247.994	764.312	Include PX	4.610	15.677
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.007	20.184	H) ENERGY CATERED (MUs)		
3) Gas	11.670	34.631	1) MSEDCL	324.600	1009.493
4) Wind	6.173	20.684	2) Mumbai Discoms	61.428	189.734
6) SOLAR	1.046	3.310	TOTAL STATE	386.028	1199.227
TOTAL STATE	273.890	843.121			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4446	4363	4298	4309
MSPGCL Hydro	387	324	913	111
MSPGCL Gas	293	291	301	299
MSPGCL Total Generation	5126	4978	5512	4719
Central Sector Receipt	5225	5178	4715	3925
WIND	111	107	401	214
CPP / IPP	5347	5347	4902	4232
SOLAR	164	142	0	0
Exchange with Mumbai	-1444	-1446	-1479	-861
MSEDCL DEMAND MET	14529	14306	14051	12229
Load Shedding	406	339	19	24
MSEDCL DEMAND	14935	14645	14070	12253
TPCL GENERATION	1099	1090	898	720
R-INFRA GENERATION	516	516	514	395
MUMBAI DEMAND	3059	3052	2891	1976
STATE DEMAND MET	17588	17358	16942	14205
STATE DEMAND	17994	17697	16961	14229
Frequency (Hz)	49.91	49.96	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.18 Hrs	49.78 Hz at 17.37 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 03/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.15	7.15	141	115
Unit 6	0.00	0.00	0	0
Unit 7	3.68	10.55	165	140
Total	6.82	17.70		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.43	11.53	175	0
Unit 4	10.41	32.92	465	405
Unit 5	10.92	33.86	500	405
Total	24.76	78.31		
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	3.39	10.17	151	130
Unit 3	4.43	13.33	202	168
Unit 4	4.23	12.90	197	158
Unit 5	0.00	0.00	0	0
Unit 6	9.75	29.03	435	360
Unit 7	9.54	28.64	418	375
Total	31.34	94.07		
Paras				
Unit 3	4.95	15.12	216	195
Unit 4	4.60	14.53	213	175
Total	9.55	29.66		
Khaparkheda				
Unit 1	1.08	3.00	120	0
Unit 2	3.53	9.76	175	115
Unit 3	3.98	11.79	201	140
Unit 4	0.00	7.15	0	0
Unit 5	8.04	27.62	400	260
Total	16.62	59.32		
Nasik				
Unit 3	4.46	13.32	200	180
Unit 4	4.47	13.35	200	179
Unit 5	4.45	13.44	193	178
Total	13.39	40.11		
Uran				
All Units	7.12	21.04	303	289
Total	7.12	21.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.40	1.56	23	0
Total	0.40	1.56		
Koyna				
Stage 1-2	2.50	6.22	460	40
Stage 4	0.29	1.18	210	0
Stage 3	0.75	0.91	138	0
Total	3.54	8.31		
Hydro				
KDPH	0.44	1.64	19	18
VTRNA	0.23	0.23	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.60	51	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.47	1.46	37	2
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	0.74	7	6
GHATGHAR	0.75	2.83	125	0
Total	2.30	7.72		
Wind				
Total	6.17	20.68	0	0
Total	6.17	20.68		
CPP				
APML(Mus)	53.24	161.80	0	0
JSWEL(Mus)	24.90	75.86	0	0
VIPL(Mus)	10.73	32.99	0	0
RPLAMT(Mus)	20.39	55.83	0	0
WPCL(Mus)	4.34	13.49	0	0
Other(Mus)	2.90	9.13	0	0
Total	116.51	349.10		
SOLAR				
Total	1.05	3.31	0	0
Total	1.05	3.31		
Tata				
Trombay 5	10.17	32.64	473	320
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	8.66	131	114
Trombay 7B	1.64	4.92	71	66
Trombay 8	5.58	17.44	251	198
TATA Hydro	1.17	4.16	181	0
Total	21.46	67.82		
R-INFRA				
1-2	11.26	35.06	518	395
Total	11.26	35.06		

Infirm Power	Chandrapur 8	2.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.48	330.07
MSPGCL Thml+Gas	111.60	351.12

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.84	16.03
MSPGCL Total	117.44	367.14

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.79	7.40
State Total	273.89	843.12

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4374	82	298	4754	296	4205	0	4559	4393	-1094	12554	25	12579	2411	14990	49.95
2	4359	88	297	4744	243	4205	0	4368	4807	-1087	12912	18	12930	2203	15133	49.95
3	4285	88	298	4671	229	4291	0	4237	4178	-951	12418	24	12442	2068	14510	49.97
4	4309	111	299	4719	214	4232	0	4131	3925	-861	12229	24	12253	1976	14229	49.99
5	4312	116	298	4726	263	4249	0	4233	4272	-836	12674	24	12698	1948	14646	50.00
6	4424	106	299	4829	228	4530	0	4472	4127	-904	12810	52	12862	2003	14865	49.94
7	4461	79	299	4839	299	4739	2	4700	4705	-942	13642	104	13746	2051	15797	49.95
8	4400	89	299	4788	261	4805	20	4725	5161	-1001	14034	105	14139	2124	16263	49.96
9	4494	181	293	4968	244	5060	62	4720	4712	-988	14058	99	14157	2377	16534	49.93
10	4492	499	295	5286	203	5196	95	4876	4917	-1290	14407	85	14492	2719	17211	49.93
11	4445	468	295	5208	124	5317	136	5022	4995	-1469	14311	365	14676	2994	17670	49.92
12	4446	387	293	5126	111	5347	164	5201	5225	-1444	14529	406	14935	3059	17994	49.91
13	4363	324	291	4978	107	5347	142	5199	5178	-1446	14306	339	14645	3052	17697	49.96
14	4209	358	289	4856	159	5334	154	5127	5034	-1381	14156	329	14485	2959	17444	49.97
15	4329	204	291	4824	209	5379	135	5190	4887	-1444	13990	93	14083	2982	17065	49.95
16	4302	102	293	4697	358	5282	66	5214	5119	-1468	14054	36	14090	2996	17086	49.95
17	4222	137	295	4654	304	4940	51	4899	4964	-1419	13494	35	13529	2948	16477	49.96
18	4302	613	293	5208	435	4668	19	4185	4467	-1348	13449	26	13475	2876	16351	49.89
19	4298	913	301	5512	401	4902	0	4501	4715	-1479	14051	19	14070	2891	16961	49.96
20	4398	341	303	5042	370	5037	0	5095	4970	-1345	14074	22	14096	2839	16935	50.00
21	4435	117	300	4852	312	5018	0	4880	4767	-1252	13697	21	13718	2669	16387	49.98
22	4365	147	300	4812	284	5025	0	4872	4299	-1098	13322	21	13343	2519	15862	50.00
23	4257	146	300	4703	275	4738	0	4611	4213	-1114	12815	21	12836	2423	15259	49.94
24	4199	141	300	4640	244	4663	0	4587	4111	-1043	12615	21	12636	2343	14979	49.94
MUs	104.48	5.84	7.12	117.44	6.17	116.51	1.05	113.60	112.14	-28.70	324.60	2.31	326.92	61.43	388.34	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 03/Oct/2015

Position as on 6.30 Hrs of 04/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	
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	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Uran Unit B0	120	28/09/2015	23.06		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	28/09/2015	23.11		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	30/09/2015	17.34		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	01/10/2015	16.28	03/10/2015	13.17	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	02/10/2015	21.12		Continued.	Turbine Problem.	
MSPGCL	Chandrapur Unit-8	500	03/10/2015	09.31		Continued.	High Drum level	
MSPGCL	Bhusawal Unit 3	210	03/10/2015	12.50	03/10/2015	16.28	Attend hot spot on CT	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Oct/2015

Position as on 6.30 Hrs of 04/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	04/10/2015	11.32		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 04/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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	02/10/2015	12.18	04/10/2015	17.19	PO	OPGW Jointing & Other Hardware Tightening Work(2 Days).
Chandrapur - Padghe Hvdc Pole 1	IntraState	04/10/2015	09.25	04/10/2015	10.05	PO	power supply card faulty
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	29/09/2015	08.52	04/10/2015	18.59	PO	Routine Maintenance Work
Kolhapur Mapusa II	InterState	02/10/2015	16.35	03/10/2015	08.42	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/10/2015	20.45	03/10/2015	08.45	HT	Over Voltage
Kolhapur Mapusa I	InterState	03/10/2015	17.27	04/10/2015	08.42	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/10/2015	17.52	04/10/2015	08.53	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	04/10/2015	12.29	04/10/2015	16.57	HT	Emergency outage
Talegaon PG - Aurangabad - II	InterState	04/10/2015	13.41	04/10/2015	16.39	HT	Emergency outage
Kolhapur Mapusa I	InterState	04/10/2015	15.11		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/10/2015	18.10		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	29/09/2015	17.35		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	02/10/2015	16.07	03/10/2015	08.22	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/10/2015	16.10	03/10/2015	08.25	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/10/2015	17.35	03/10/2015	07.06	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	02/10/2015	18.32	03/10/2015	09.31	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	02/10/2015	21.17	03/10/2015	08.24	HT	Over Voltage
karad -kolhapur-II	IntraState	03/10/2015	16.04	04/10/2015	09.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/10/2015	16.06	04/10/2015	09.40	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/10/2015	16.22	04/10/2015	09.05	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/10/2015	21.23	04/10/2015	08.57	HT	Over Voltage
karad -kolhapur-II	IntraState	04/10/2015	10.38		Continued.	HT	Current found zero at karad end RFC 10.40
Karad-Jaigad - I	IntraState	04/10/2015	16.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/10/2015	17.13		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/10/2015	17.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	02/10/2015	09.34		Continued.	PO	Protection Wall Strengthening Work(3Days).
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
Babhaleshwar-Nagar-I	IntraState	02/10/2015	23.44	03/10/2015	02.16	T	Distance Protection
Infosys - Hinjawadi 1	IntraState	03/10/2015	10.12	03/10/2015	16.42	PO	Annual Maintenance Work
Tilawani-Talandge-I	IntraState	03/10/2015	10.48	03/10/2015	12.00	PO	CT Tan delta 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 03/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 04/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kamba - Kolshet	IntraState	03/10/2015	11.15	03/10/2015	14.19	T	line tripped on PDR only kolshet end
Apta - Hoc	IntraState	03/10/2015	11.56	03/10/2015	18.45	PO	Annual Maintenance Work
Kandalgaon - Sona Alloys	IntraState	03/10/2015	15.47	04/10/2015	11.10	T	Distance Protection
Adlabs - Pedambe	IntraState	03/10/2015	15.47	03/10/2015	16.53	T	Distance Protection
Pedhambe - Oni	IntraState	03/10/2015	15.58	03/10/2015	16.55	T	Distance Protection
New Koyna - Niwali	IntraState	03/10/2015	16.00		Continued.	T	Distance Protection
Karad - Kadegaon	IntraState	03/10/2015	16.52		Continued.	PO	Attending Hot Spot
Ghatghar - Jindal	IntraState	03/10/2015	17.21	03/10/2015	17.54	T	Distance Protection
Kalwa - Mulund 1	IntraState	04/10/2015	06.12	04/10/2015	11.12	EO	Attending Hot Spot
Kalwa-TIFIL	IntraState	04/10/2015	06.56		Continued.	T	Tifil bay strengthning work
Karad - Vita Ckt- II	IntraState	04/10/2015	12.49	04/10/2015	13.41	T	Distance Protection
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 Panal
220/33kv 50mva T&R Ptr @Kurkumbh	IntraState	03/10/2015	11.10	03/10/2015	17.20	PO	CT Tan delta work
100 KV LINE Outages/Trippings							
Borivali II - TATA II	IntraState	03/10/2015	09.07	03/10/2015	16.45	EO	Attending Hot Spot

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