

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Oct/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.630	540.816	1) Gujrat	5.558	28.760
2) Hydro	6.076	27.398	2) Madhya Pradesh	10.967	64.170
3) Gas	7.043	35.193	3) Chattisgarh	4.180	21.260
Total MSPGCL	121.749	603.407	4) Maharashtra Net	88.258	476.029
B) 1) APML	55.670	272.160	5) Goa	-7.613	-36.968
2) JSWEL	27.785	130.160	6) TAPS 1&2 Injection	3.526	17.563
3) VIPL	11.642	54.639	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.920	102.240	8) Pench (MS)	0.503	2.495
5) WPCL	4.830	22.538	9) Pench (Excess)	-0.503	-2.495
6) Other IPP	2.857	15.019	Total	104.373	568.319
C) 1) TPCL Thermal	17.354	79.756	a) Mumbai Schedule	22.820	115.454
2) TPCL Hydro	3.316	7.709	b) Mumbai Drawl	26.210	137.739
3) TPCL Gas	4.485	22.788	c) MSEDCL Bilateral *	24.633	138.265
4) R-INFRA Thermal	12.397	57.989	Include PX	-2.830	-0.862
D) STATE			d) Mumbai Bilateral *	22.820	115.454
1) Thermal	265.085	1275.317	Include PX	2.442	20.845
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.392	35.107	H) ENERGY CATERED (MUs)		
3) Gas	11.528	57.981	1) MSEDCL	331.409	1665.014
4) Wind	4.226	29.363	2) Mumbai Discoms	63.762	305.976
6) SOLAR	0.567	4.908	TOTAL STATE	395.171	1970.990
TOTAL STATE	290.798	1402.676			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4561	4906	4893	4006
MSPGCL Hydro	111	355	664	110
MSPGCL Gas	283	276	297	310
MSPGCL Total Generation	4955	5537	5854	4426
Central Sector Receipt	5246	4602	4620	3443
WIND	94	239	162	174
CPP / IPP	5413	5523	5490	5040
SOLAR	88	35	0	0
Exchange with Mumbai	-1441	-1535	-1302	-395
MSEDCL DEMAND MET	14355	14401	14824	12688
Load Shedding	26	25	26	19
MSEDCL DEMAND	14381	14426	14850	12707
TPCL GENERATION	1264	1167	1185	909
R-INFRA GENERATION	514	518	518	517
MUMBAI DEMAND	3219	3220	3005	1821
STATE DEMAND MET	17574	17621	17829	14509
STATE DEMAND	17600	17646	17855	14528
Frequency (Hz)	49.94	49.90	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.00 Hrs	49.7 Hz at 17.19 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 05/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.35	13.99	155	127
Unit 6	0.00	0.00	0	0
Unit 7	3.51	17.50	160	130
Total	6.86	31.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.86	19.48	170	155
Unit 4	9.26	52.88	420	330
Unit 5	9.32	54.23	425	350
Total	22.44	126.60		
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	16.76	143	123
Unit 3	4.66	22.33	205	175
Unit 4	4.64	21.65	204	170
Unit 5	5.54	5.54	400	60
Unit 6	10.10	48.75	440	370
Unit 7	9.89	48.08	450	362
Total	38.08	163.11		
Paras				
Unit 3	4.37	24.41	206	160
Unit 4	4.19	23.10	184	163
Total	8.56	47.50		
Khaparkheda				
Unit 1	3.53	9.90	180	120
Unit 2	3.48	16.44	165	125
Unit 3	3.58	19.26	160	140
Unit 4	0.00	7.15	0	0
Unit 5	8.68	44.06	410	320
Total	19.27	96.81		
Nasik				
Unit 3	4.42	22.16	195	175
Unit 4	0.00	15.40	0	0
Unit 5	4.45	22.30	194	175
Total	8.87	59.85		
Uran				
All Units	7.04	35.19	312	275
Total	7.04	35.19		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.50	2.50	24	10
Total	0.50	2.50		
Koyna				
Stage 1-2	2.34	10.22	385	40
Stage 4	0.63	1.81	200	0
Stage 3	0.00	2.26	98	0
Total	2.97	14.29		
Hydro				
KDPH	0.20	2.28	20	0
VTRNA	0.00	0.28	0	0
TILLARI	0.04	0.04	45	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	0.87	40	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.51	2.49	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	1.39	19	18
GHATGHAR	1.82	5.54	250	0
Total	3.11	13.10		
Wind				
Total	4.23	29.36	0	0
Total	4.23	29.36		
CPP				
APML(Mus)	55.67	272.16	0	0
JSWEL(Mus)	27.78	130.16	0	0
VIPL(Mus)	11.64	54.64	0	0
RPLAMT(Mus)	23.92	102.24	0	0
WPCL(Mus)	4.83	22.54	0	0
Other(Mus)	2.86	15.02	0	0
Total	126.70	596.76		
SOLAR				
Total	0.57	4.91	0	0
Total	0.57	4.91		
Tata				
Trombay 5	11.51	50.67	487	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	14.54	128	106
Trombay 7B	1.63	8.25	71	64
Trombay 8	5.85	29.08	248	239
TATA Hydro	3.32	7.71	358	0
Total	25.16	110.25		
R-INFRA				
1-2	12.40	57.99	519	513
Total	12.40	57.99		

Infirm Power	Chandrapur 8	0.78
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.63	540.82
MSPGCL Thml+Gas	115.67	576.01

Koradi 8	3.78	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.08	27.40
MSPGCL Total	121.75	603.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.97	12.03
State Total	290.80	1402.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Oct/2015

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	4106	105	312	4523	164	5032	0	4132	4148	-858	13009	33	13042	2280	15322	50.01
2	3965	105	312	4382	126	4997	0	3848	3958	-629	12834	19	12853	2053	14906	49.99
3	4005	105	310	4420	143	4998	0	3631	3727	-476	12812	19	12831	1903	14734	49.98
4	4006	110	310	4426	174	5040	0	3506	3443	-395	12688	19	12707	1821	14528	49.97
5	4069	121	298	4488	210	5012	0	3569	3512	-387	12835	19	12854	1808	14662	49.91
6	4126	101	298	4525	233	5136	0	4291	3738	-526	13106	26	13132	1956	15088	49.92
7	4256	121	300	4677	189	5098	0	4715	4394	-593	13765	30	13795	2022	15817	49.92
8	4339	236	301	4876	203	5086	10	4654	4624	-733	14066	30	14096	2159	16255	50.00
9	4435	226	295	4956	124	5137	22	4878	5183	-1096	14326	26	14352	2541	16893	49.95
10	4538	289	290	5117	108	5351	51	5168	4965	-1240	14352	21	14373	2818	17191	49.98
11	4524	164	284	4972	90	5466	71	5376	4980	-1418	14161	21	14182	3190	17372	49.97
12	4561	111	283	4955	94	5413	88	5432	5246	-1441	14355	26	14381	3219	17600	49.94
13	4568	84	283	4935	125	5311	80	5179	5119	-1469	14101	26	14127	3252	17379	49.96
14	4609	84	278	4971	189	5352	76	5136	5105	-1463	14230	30	14260	3190	17450	49.96
15	4713	229	277	5219	288	5304	73	4991	4871	-1514	14241	25	14266	3248	17514	49.87
16	4802	338	275	5415	316	5448	49	4729	4621	-1561	14288	25	14313	3255	17568	49.89
17	4906	355	276	5537	239	5523	35	4727	4602	-1535	14401	25	14426	3220	17646	49.90
18	4914	404	285	5603	167	5502	12	3947	4000	-1512	13772	24	13796	3127	16923	49.85
19	4956	655	293	5904	176	5482	0	4246	4138	-1468	14232	23	14255	3152	17407	49.97
20	4893	664	297	5854	162	5490	0	4694	4620	-1302	14824	26	14850	3005	17855	49.96
21	4811	724	298	5833	124	5487	0	4575	4204	-1186	14462	26	14488	2828	17316	49.97
22	4859	770	297	5926	147	5473	0	4371	3766	-1175	14137	26	14163	2618	16781	50.00
23	4863	165	295	5323	176	5356	0	4434	3825	-1177	13503	26	13529	2605	16134	49.93
24	4806	84	296	5186	259	5210	0	4338	3584	-1056	13183	26	13209	2492	15701	49.93
MUs	108.63	6.35	7.04	122.02	4.23	126.70	0.57	108.57	104.37	-26.21	331.68	0.60	332.28	63.76	396.04	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 05/Oct/2015

Position as on 6.30 Hrs of 06/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	05/10/2015	04.32	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	05/10/2015	05.08	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	05/10/2015	18.58	High Drum level	
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 05/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2015

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							
Kolhapur Mapusa I	InterState	04/10/2015	15.11	05/10/2015	08.32	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/10/2015	18.10	05/10/2015	09.57	HT	Over Voltage
Kolhapur Mapusa II	InterState	05/10/2015	13.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/10/2015	20.32		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-II	IntraState	04/10/2015	10.38	05/10/2015	11.04	HT	Current found zero at karad end REC 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	05/10/2015	09.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/10/2015	17.15	05/10/2015	08.29	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	05/10/2015	12.31	05/10/2015	19.27	PO	Line Maintenance work
karad -kolhapur-I	IntraState	05/10/2015	16.48		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/10/2015	18.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/10/2015	01.27		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	02/10/2015	09.34	05/10/2015	20.25	PO	Protection Wall Strengthening Work(3Days).
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	06/10/2015	03.58	06/10/2015	04.24	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.
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
New Koyna - Niwali	IntraState	03/10/2015	16.00	05/10/2015	10.41	T	Distance Protection
Kalwa-TIFIL	IntraState	04/10/2015	06.56	05/10/2015	00.08	T	Tifil bay strengthring work
Warora - Hinganghat	IntraState	05/10/2015	09.01	05/10/2015	18.40	PO	Measurement of Tan Delta of CTs
Karad - Vita Ckt- II	IntraState	05/10/2015	10.18	05/10/2015	13.57	EO	To attend Hot Spot
Gcr Chandrapur - Grace Ltd	IntraState	05/10/2015	10.37	05/10/2015	20.46	PO	To check Healthiness of PDR
Waluj - Jalna 2	IntraState	05/10/2015	11.55	05/10/2015	14.50	EO	Attending Hot Spot
Raymond - Washala	IntraState	05/10/2015	13.40	05/10/2015	22.31	T	Bus Fault at Washala
Washala - Ghatghar	IntraState	05/10/2015	13.40	05/10/2015	15.35	T	Bus Fault at Washala
Kalwa-TIFIL	IntraState	05/10/2015	13.41	05/10/2015	18.06	PO	stringing work
Pedhambe - Oni	IntraState	05/10/2015	16.00	05/10/2015	16.27	T	Distance Protection
Jambhul - Pal	IntraState	05/10/2015	18.13		Continued.	T	Distance Protection
Talandage - Sawantwadi I	IntraState	05/10/2015	18.40	05/10/2015	19.00	T	Distance Protection
Flagship-Chinchwad	IntraState	06/10/2015	01.42		Continued.	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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 05/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	05/10/2015	10.29	05/10/2015	17.55	PO	Maintenance work
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	05/10/2015	11.10	05/10/2015	16.55	PO	Line Maintenance work
220/132Kv 200MVA ICT-I @ Akola	IntraState	05/10/2015	12.17	05/10/2015	17.57	PO	R.M.Work and Measurement of Tan Delta of CTs
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	05/10/2015	13.10	05/10/2015	15.39	PO	Repl.of Old Copper Clamp Jumper
220/132 Kv 200MVA ICT II @Dhule	IntraState	05/10/2015	22.23	05/10/2015	22.28	PO	Sparking on Isolator