

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Sep/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.021	2271.642	1) Gujrat	5.957	69.435
2) Hydro	9.773	180.790	2) Madhya Pradesh	11.092	177.463
3) Gas	9.484	159.188	3) Chattisgarh	3.400	88.860
Total MSPGCL	114.278	2611.620	4) Maharashtra Net	79.082	1984.641
B) 1) APML	50.330	1029.100	5) Goa	-7.562	-153.828
2) JSWEL	28.106	605.869	6) TAPS 1&2 Injection	3.553	82.506
3) VIPL	11.061	235.447	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	21.970	416.094	8) Pench (MS)	0.786	14.462
5) WPCL	4.101	86.691	9) Pench (Excess)	-0.786	-14.462
6) Other IPP	1.915	46.999	Total	94.736	2234.615
C) 1) TPCL Thermal	16.081	352.948	a) Mumbai Schedule	21.822	471.542
2) TPCL Hydro	1.333	37.459	b) Mumbai Drawl	27.293	570.595
3) TPCL Gas	4.322	78.579	c) MSEDCL Bilateral *	8.777	508.328
4) R-INFRA Thermal	11.619	252.581	Include PX	-18.688	-93.911
D) STATE			d) Mumbai Bilateral *	21.822	470.507
1) Thermal	240.204	5297.371	Include PX	2.177	23.412
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.035
2) Hydro (A2+C2)	11.106	218.249	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	13.806	237.767	1) MSEDCL	315.356	7024.653
4) Wind	15.125	307.680	2) Mumbai Discoms	60.648	1292.155
6) SOLAR	1.027	21.133	TOTAL STATE	376.004	8316.808
TOTAL STATE	281.268	6082.200			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3975	4138	4024	3833
MSPGCL Hydro	330	569	1294	64
MSPGCL Gas	422	426	417	336
MSPGCL Total Generation	4727	5133	5735	4233
Central Sector Receipt	4668	4345	4495	3066
WIND	677	427	519	857
CPP / IPP	4918	5304	5287	4252
SOLAR	136	138	0	0
Exchange with Mumbai	-1419	-1484	-1312	-681
MSEDCL DEMAND MET	13707	13863	14724	11727
Load Shedding	17	17	17	17
MSEDCL DEMAND	13724	13880	14741	11744
TPCL GENERATION	1077	1037	1097	702
R-INFRA GENERATION	515	515	514	404
MUMBAI DEMAND	3011	3036	2923	1787
STATE DEMAND MET	16718	16899	17647	13514
STATE DEMAND	16735	16916	17664	13531
Frequency (Hz)	50.01	49.95	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.01 Hrs	49.77 Hz at 12.15 Hrs	50	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 22/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.12	73.84	137	125
Unit 6	0.00	0.00	0	0
Unit 7	3.52	65.00	165	58
Total	6.65	138.84		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.95	89.07	170	160
Unit 4	10.63	227.69	475	405
Unit 5	0.00	146.58	0	0
Total	14.58	463.34		
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	3.21	68.37	144	112
Unit 3	4.34	83.41	196	167
Unit 4	0.00	0.00	0	0
Unit 5	7.80	193.45	370	265
Unit 6	8.34	188.20	410	275
Unit 7	8.22	179.92	385	284
Total	31.90	713.36		
Paras				
Unit 3	5.04	108.50	220	197
Unit 4	5.02	112.18	231	190
Total	10.07	220.68		
Khaparkheda				
Unit 1	2.94	56.34	135	100
Unit 2	3.08	75.40	145	105
Unit 3	3.48	78.70	155	135
Unit 4	3.42	78.19	154	134
Unit 5	9.74	180.66	450	351
Total	22.67	469.30		
Nasik				
Unit 3	0.00	89.88	0	0
Unit 4	4.54	82.21	203	176
Unit 5	4.62	94.04	205	178
Total	9.15	266.12		
Uran				
All Units	9.48	159.19	432	270
Total	9.48	159.19		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.79	14.46	44	0
Total	0.79	14.46		
Koyna				
Stage 1-2	3.51	65.54	495	40
Stage 4	2.82	41.50	605	0
Stage 3	1.82	27.52	240	0
Total	8.15	134.55		
Hydro				
KDPH	0.00	7.93	0	0
VTRNA	0.00	0.31	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	3.84	80	0
RNGR+BHTSA	0.00	1.41	0	0
BHANDARDRA	0.07	6.58	22	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	5.39	14	3
GHATGHAR	1.27	20.67	250	0
Total	1.62	46.24		
Wind				
Total	15.12	307.68	0	0
Total	15.12	307.68		
CPP				
APML(Mus)	50.33	1029.10	0	0
JSWEL(Mus)	28.11	605.87	0	0
VIPL(Mus)	11.06	235.45	0	0
RPLAMT(Mus)	21.97	416.09	0	0
WPCL(Mus)	4.10	86.69	0	0
Other(Mus)	1.92	47.00	0	0
Total	117.48	2420.20		
SOLAR				
Total	1.03	21.13	0	0
Total	1.03	21.13		
Tata				
Trombay 5	10.51	228.88	488	320
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	54.69	115	101
Trombay 7B	1.59	23.89	67	63
Trombay 8	5.57	124.06	247	200
TATA Hydro	1.33	37.46	186	0
Total	21.74	468.99		
R-INFRA				
1-2	11.62	252.58	519	396
Total	11.62	252.58		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	95.02	2271.64
MSPGCL Thml+Gas	104.50	2430.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.77	180.79
MSPGCL Total	114.28	2611.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.33	107.03
State Total	281.27	6082.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Sep/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	3756	72	270	4098	1016	4630	0	3665	3267	-1026	11985	26	12011	2160	14171	49.99
2	3773	43	270	4086	942	4356	0	3484	3471	-875	11980	17	11997	1977	13974	49.99
3	3791	54	336	4181	1033	4284	0	2972	3033	-663	11868	17	11885	1870	13755	50.02
4	3827	49	336	4212	1007	4280	0	2771	2821	-606	11714	17	11731	1821	13552	50.04
5	3833	64	336	4233	857	4252	0	2837	3066	-681	11727	17	11744	1787	13531	49.97
6	3834	64	306	4204	832	4353	0	3511	3929	-767	12551	17	12568	1867	14435	49.96
7	3903	179	424	4506	723	4595	5	4078	4166	-853	13142	17	13159	1985	15144	50.00
8	4021	205	421	4647	583	4756	22	4169	4203	-747	13464	17	13481	2136	15617	50.01
9	3975	199	420	4594	583	4821	71	4389	4829	-939	13959	17	13976	2370	16346	49.96
10	3922	216	420	4558	738	4923	97	4536	4777	-1305	13788	17	13805	2776	16581	49.98
11	3975	330	422	4727	677	4918	136	4481	4668	-1419	13707	17	13724	3011	16735	50.01
12	3996	445	420	4861	578	4923	146	4237	4537	-1464	13581	17	13598	3068	16666	49.98
13	4138	569	426	5133	427	5304	138	3897	4345	-1484	13863	17	13880	3036	16916	49.95
14	4124	662	424	5210	373	5189	139	3606	3342	-1434	12819	17	12836	2921	15757	49.99
15	4101	875	423	5399	343	5218	113	3661	3798	-1419	13452	17	13469	2954	16423	49.96
16	4022	1106	422	5550	333	5147	84	3795	3647	-1416	13345	17	13362	2962	16324	50.00
17	4043	891	422	5356	330	5321	55	3624	3810	-1418	13454	17	13471	2952	16423	50.02
18	3987	754	420	5161	344	5181	20	3449	3527	-1447	12786	17	12803	2905	15708	50.00
19	4073	514	422	5009	479	5239	1	4306	4447	-1422	13753	17	13770	2889	16659	50.02
20	4024	1294	417	5735	519	5287	0	4273	4495	-1312	14724	17	14741	2923	17664	50.04
21	3978	740	431	5149	646	5234	0	4237	4455	-1233	14251	17	14268	2770	17038	50.02
22	4006	281	432	4719	600	5248	0	4081	4081	-1175	13473	17	13490	2625	16115	50.02
23	3997	66	432	4495	547	5173	0	3899	3961	-1105	13071	17	13088	2505	15593	50.01
24	3922	101	432	4455	615	4851	0	3834	4061	-1083	12899	17	12916	2378	15294	49.99
MUs	95.02	9.77	9.48	114.28	15.12	117.48	1.03	91.79	94.74	-27.29	315.36	0.42	315.77	60.65	376.42	50.00

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 22/Sep/2015

Position as on 6.30 Hrs of 23/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
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 generater bearing	
MSPGCL	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Chandrapur Unit-8	500	19/09/2015	18.01		Continued.	ESP Problem	
MSPGCL	Bhusawal Unit 5	500	20/09/2015	02.12		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	21/09/2015	13.58		Continued.	Turbine Vibration	
MSPGCL	Nasik Unit 3	210	21/09/2015	15.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 23/Sep/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 II	InterState	21/09/2015	16.24	22/09/2015	07.15	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/09/2015	21.58	22/09/2015	06.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	22/09/2015	01.33	22/09/2015	18.53	HT	Over Voltage
Dabhol New koyna I	InterState	22/09/2015	03.22	22/09/2015	07.28	T	Over Voltage
Chandrapur Bhadravati II	InterState	22/09/2015	09.31	22/09/2015	15.48	PO	Outage at Badravati side.
Dhule Sar'Sarovar I	InterState	22/09/2015	09.55	22/09/2015	18.53	PO	Outage to attend DC leakage.
Parli (Pg) Wardha (Pg) li	InterState	22/09/2015	10.21	22/09/2015	18.57	PO	Stringing work of broken earthwire.
Dabhol Nagothane II	InterState	22/09/2015	11.16		Continued.	PO	Maintenance & testing work at Dabhol end.
Koradi Satpur	InterState	22/09/2015	12.03	22/09/2015	15.13	T	Tripped at sarani end.
Kolhapur Mapusa I	InterState	22/09/2015	20.33	23/09/2015	06.48	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	10/09/2015	16.40		Continued.	HT	For Controlling Padgha-BBLR D/C Loading.
Karad - Jaigad - II	IntraState	16/09/2015	16.33	22/09/2015	09.16	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/09/2015	21.35	22/09/2015	06.51	HT	Over Voltage
karad -kolhapur-II	IntraState	20/09/2015	13.28	22/09/2015	09.13	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/09/2015	21.58	22/09/2015	08.33	HT	Over Voltage
Dhule - Bableswhar - li	IntraState	22/09/2015	02.57	22/09/2015	06.29	T	Over Voltage
New Koyna - Dabhol-I	IntraState	22/09/2015	03.22		Continued.	T	Over Voltage
Main Bus I @ Akola	IntraState	22/09/2015	10.42	22/09/2015	19.11	PO	Servicing of Nos of bus Earth Switch.
Lonikand I - Koyna stage-IV	IntraState	22/09/2015	13.59		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	22/09/2015	16.30		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/09/2015	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/09/2015	19.56	23/09/2015	06.34	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	22/09/2015	12.37	22/09/2015	14.54	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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Tripped on B ph Diff Prot. cable damage near reliance sub station.
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
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Osmanabad - Solapur (Bale)	IntraState	22/09/2015	07.12	22/09/2015	22.50	T	Distance Protection
Jejuri (400 Kv)-Jenjuri- I	IntraState	22/09/2015	11.30	22/09/2015	13.12	PO	R ph CT leakage attend.
Urse-Chinchwad	IntraState	23/09/2015	00.25	23/09/2015	03.40	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
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and

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 22/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 23/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Relay Panal
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	15/09/2015	16.34		Continued.	T	On Snake Fault,33kv Breaker R,Y,B Ph Pole Burst.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	22/09/2015	11.15	22/09/2015	17.00	PO	Routine Maintenance Work