

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.712	2677.012	1) Gujrat	3.158	-40.292
2) Hydro	25.732	448.103	2) Madhya Pradesh	14.810	279.726
3) Gas	6.649	143.885	3) Chattisgarh	6.750	138.160
Total MSPGCL	156.093	3269.000	4) Maharashtra Net	96.124	2189.176
B) 1) APML	51.640	1199.580	5) Goa	-8.091	-161.788
2) JSWEL	15.730	454.295	6) TAPS 1&2 Injection	3.258	72.617
3) VIPL	9.170	243.329	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	3.770	116.640	8) Pench (MS)	0.113	1.987
5) WPCL	7.987	180.132	9) Pench (Excess)	-0.113	-1.766
6) Other IPP	4.843	122.798	Total	115.896	2475.833
C) 1) TPCL Thermal	16.144	365.618	a) Mumbai Schedule	25.877	574.549
2) TPCL Hydro	4.081	80.079	b) Mumbai Drawl	31.399	641.281
3) TPCL Gas	3.262	67.417	c) MSEDCL Bilateral *	28.311	678.360
4) R-INFRA Thermal	11.663	253.882	Include PX	-0.584	2.005
D) STATE			d) Mumbai Bilateral *	25.877	572.549
1) Thermal	244.659	5613.286	Include PX	3.319	49.992
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro	29.813	528.182	H) ENERGY CATERED (MUs)		
3) Gas	9.911	211.302	1) MSEDCL	359.708	7765.906
4) Wind	24.661	317.327	2) Mumbai Discoms	66.549	1408.276
6) SOLAR	1.317	26.487	TOTAL STATE	426.257	9174.182
TOTAL STATE	310.361	6696.584			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5211	5231	5158	5044
MSPGCL Hydro	1551	1509	794	682
MSPGCL Gas	271	277	276	276
MSPGCL Total Generation	7033	7017	6228	6002
Central Sector Receipt	5190	5601	4931	4281
WIND	779	847	958	1322
CPP / IPP	4040	3576	3862	3909
SOLAR	178	144	0	0
Exchange with Mumbai	-1494	-1486	-1285	-1123
MSEDCL DEMAND MET	15726	15699	14694	14391
Load Shedding	66	46	41	47
MSEDCL DEMAND	15792	15745	14735	14438
TPCL GENERATION	1233	1278	1053	621
R-INFRA GENERATION	515	518	518	382
MUMBAI DEMAND	3242	3282	2856	2126
STATE DEMAND MET	18968	18981	17550	16517
STATE DEMAND	19034	19027	17591	16564
Frequency (Hz)	49.94	49.82	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.03 Hrs	49.69 Hz at 22.09 Hrs	49.94	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/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.60	72.51	160	135
Unit 6	0.00	0.00	0	0
Unit 7	3.83	82.45	165	145
Total	7.43	154.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.10	225.24	400	370
Unit 5	9.13	218.88	390	365
Total	18.24	444.12		
Parli				
Unit 3	2.82	27.64	150	26
Unit 4	0.00	0.00	0	0
Unit 5	3.42	68.46	146	135
Unit 6	4.59	114.58	196	183
Unit 7	0.00	103.36	0	0
Total	10.82	314.04		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.42	60.39	150	137
Unit 3	4.20	85.78	183	164
Unit 4	4.00	78.33	178	160
Unit 5	9.14	119.82	386	370
Unit 6	9.02	175.32	387	365
Unit 7	8.74	204.82	388	314
Total	38.53	724.45		
Paras				
Unit 3	4.65	115.65	212	148
Unit 4	4.78	117.07	208	190
Total	9.43	232.73		
Khaparkheda				
Unit 1	3.86	90.01	175	150
Unit 2	3.50	79.28	165	115
Unit 3	4.10	77.56	182	160
Unit 4	3.96	91.12	171	153
Unit 5	10.07	198.04	445	396
Total	25.50	536.02		
Nasik				
Unit 3	4.66	94.20	205	170
Unit 4	4.55	93.80	200	175
Unit 5	4.56	82.69	200	178
Total	13.78	270.69		
Uran				
All Units	6.65	143.88	284	270
Total	6.65	143.88		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	1.99	49	0
Total	0.11	1.99		
Koyna				
Stage 1-2	5.12	115.88	480	40
Stage 4	13.90	181.48	1060	200
Stage 3	4.05	65.39	288	0
Total	23.07	362.75		
Hydro				
KDPH	0.39	10.06	17	16
VTRNA	0.90	19.61	61	0
TILLARI	0.00	6.34	0	0
BHTGR/VEER	0.05	1.32	3	2
BHIRA T.R.	0.16	4.06	80	0
RNGR+BHTSA	0.18	4.75	8	7
BHANDARDRA	0.21	5.12	9	8
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.78	15.46	40	29
GHATGHAR	0.00	16.14	0	0
Total	2.66	85.35		
Wind				
Total	24.66	317.33	0	0
Total	24.66	317.33		
CPP				
APML(Mus)	51.64	1199.58	0	0
JSWEL(Mus)	15.73	454.30	0	0
VIPL(Mus)	9.17	243.33	0	0
RPLAMT(Mus)	3.77	116.64	0	0
WPCL(Mus)	7.99	180.13	0	0
Other(Mus)	4.80	122.76	0	0
Total	93.10	2316.74		
SOLAR				
Total	1.32	26.49	0	0
Total	1.32	26.49		
Tata				
Trombay 5	10.49	236.72	498	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.95	40.10	115	59
Trombay 7B	1.31	27.31	67	47
Trombay 8	5.66	128.90	250	198
TATA Hydro	4.08	80.08	438	0
Total	23.49	513.11		
R-INFRA				
1-2	11.66	253.88	520	380
Total	11.66	253.88		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.71	2677.01
MSPGCL Thml+Gas	130.36	2820.90

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	25.73	448.10
MSPGCL Total	156.09	3269.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	19.02	297.36
State Total	310.36	6696.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/May/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	4982	1317	276	6575	1226	4187	0	4489	4836	-1307	15517	62	15579	2677	18256	49.93
2	5012	1188	278	6478	1314	4188	0	4378	4820	-1323	15477	47	15524	2446	17970	49.91
3	5025	1214	278	6517	1410	4119	0	4357	4317	-1283	15080	47	15127	2293	17420	49.98
4	5018	856	279	6153	1359	3957	0	4304	4381	-1180	14670	47	14717	2183	16900	49.98
5	5044	682	276	6002	1322	3909	0	4272	4281	-1123	14391	47	14438	2126	16564	49.96
6	5077	597	278	5952	1329	3914	0	4488	4471	-1116	14550	50	14600	2123	16723	49.99
7	5104	901	277	6282	1127	3914	8	4490	4592	-1052	14871	51	14922	2094	17016	50.02
8	5166	1034	277	6477	1096	3978	36	4437	4658	-1044	15201	51	15252	2186	17438	49.98
9	5263	883	275	6421	870	3974	83	4604	4605	-1268	14685	54	14739	2483	17222	49.92
10	5264	1352	272	6888	723	4192	134	4696	5087	-1439	15585	54	15639	2913	18552	49.91
11	5235	1552	270	7057	704	4159	160	4951	4924	-1463	15541	54	15595	3132	18727	49.91
12	5211	1551	271	7033	779	4040	178	5095	5190	-1494	15726	66	15792	3242	19034	49.94
13	5209	1454	278	6941	748	3804	178	5252	5479	-1559	15591	70	15661	3275	18936	49.97
14	5220	1622	277	7119	761	3646	170	5186	5331	-1508	15519	61	15580	3212	18792	49.94
15	5231	1509	277	7017	847	3576	144	5248	5601	-1486	15699	46	15745	3282	19027	49.82
16	5211	1605	280	7096	876	3617	85	5147	5316	-1420	15570	39	15609	3304	18913	49.90
17	5208	1254	282	6744	1003	3607	104	4867	5084	-1421	15121	39	15160	3285	18445	49.94
18	5188	628	284	6100	1057	3588	32	4290	4433	-1373	13837	38	13875	3202	17077	49.96
19	5249	610	284	6143	1023	3602	5	3593	3686	-1258	13201	38	13239	2955	16194	50.01
20	5177	848	284	6309	973	3820	0	4241	4599	-1252	14449	41	14490	2989	17479	49.91
21	5158	794	276	6228	958	3862	0	4560	4931	-1285	14694	41	14735	2856	17591	49.93
22	5155	504	272	5931	1179	3855	0	4541	4988	-1180	14773	41	14814	2712	17526	49.96
23	5142	637	274	6053	992	3873	0	4452	5149	-1244	14823	41	14864	2793	17657	49.89
24	5163	1140	274	6577	985	3759	0	4685	5137	-1321	15137	41	15178	2786	17964	49.95
MUs	123.7 1	25.73	6.65	156.09	24.66	93.14	1.32	110.62	115.90	-31.40	359.71	1.17	360.87	66.55	427.42	49.94

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/May/2015

Position as on 6.30 Hrs of 23/May/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 1	160	12/10/2014	22:39		Continued.	Refueling work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
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.	PA Fan Vibration Problem	
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	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Parli Unit 3	210	19/05/2015	18.12	22/05/2015	00.04	Drum level low	
RINFRA-G	REL Unit 1	250	19/05/2015	20.44		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	20/05/2015	19.16		Continued.	BLR Validity extension for 48 Hrs.	
MSPGCL	Paras Unit 3	250	23/05/2015	00.05		Continued.	Furnace Pressure High	

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

Statement-VII

Position as on 6.30 Hrs of 23/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	22/05/2015	11.59	22/05/2015	17.17	PO	Jumper Tighting Work.
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar II	InterState	21/05/2015	10.49		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Babhaleshwar-Taptitanda ckt-I	IntraState	17/05/2015	21:23		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
karad -kolhapur-II	IntraState	21/05/2015	18.04	22/05/2015	07.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/05/2015	21.30	22/05/2015	09.02	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	22/05/2015	08.13	22/05/2015	19.40	PO	Cold Line Insulator Washing Work.
Cahndrapur II - Dhariwal II	IntraState	22/05/2015	08:52	22/05/2015	13:19	PO	P M of line spacer, Replacement of WT at Dhariwal end
Koradi-India Bulls	IntraState	22/05/2015	09.21	22/05/2015	17.28	PO	Faulty Disc Replcement,Fixing Spacers,Damper Line Maint.Work.
Jejuri- Koy nastage-IV	IntraState	22/05/2015	12.14	22/05/2015	12.32	T	Distance Protection
karad -kolhapur-II	IntraState	22/05/2015	16.10		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/05/2015	17.40		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT- I @Koradi	IntraState	18/05/2015	11:47		Continued.	PO	Dismantling and Errection of Duct with LA.
220 KV LINE Outages/Trippings							
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
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 deenergising 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 deenergising the line bet.86 to 107.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Mudshingi-Wathar	IntraState	18/05/2015	00.33		Continued.	T	R Phase CT Burst.
Parvati - Hybrid Pass	IntraState	18/05/2015	08:42		Continued.	HT	To Control Chinchwad-Urse L/L.
Butibori-Abhijeet	IntraState	22/05/2015	06.23	22/05/2015	10.35	PO	IR Value of CT @ Butibori End.IR of LA is found Low Replacement of Stack @ Butibori End.
Kandalgaon - Koyna	IntraState	22/05/2015	09.30	22/05/2015	18.05	PO	Maintenance Work.
Padgha-Temghar-II	IntraState	22/05/2015	10.30	22/05/2015	11.19	T	Tripped Only from Temghar End.
Vita - Ghatnandre	IntraState	22/05/2015	10.30	22/05/2015	15.05	PO	P.M.Work.
Padgha - Temghar I	IntraState	22/05/2015	10.30	22/05/2015	11.19	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	22/05/2015	15.25	22/05/2015	16.48	PO	Maintenance Work.
Wpcl-Warora 1	IntraState	22/05/2015	16.44	22/05/2015	18.47	EO	To Attend Hotspot on R Ph W.T.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 kV 150MVA ICT-II @ Satara	IntraState	13/05/2015	16:30		Continued.	T	Differential protection

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/May/2015

Statement-VII

Position as on 6.30 Hrs of 23/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	22/05/2015	07.18		Continued.	PO	Replacement of 2 No. of HV Bushing(R & Y Ph) & Filtration of ICT.
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	22/05/2015	15.25	22/05/2015	18.43	PO	Testing Work