

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.155	1773.643	1) Gujrat	-0.857	-52.904
2) Hydro	24.737	303.192	2) Madhya Pradesh	15.036	195.009
3) Gas	6.667	97.535	3) Chattisgarh	6.190	93.180
Total MSPGCL	161.559	2174.370	4) Maharashtra Net	88.447	1511.185
B) 1) APML	52.230	808.300	5) Goa	-7.521	-109.134
2) JSWEL	15.733	344.911	6) TAPS 1&2 Injection	3.326	49.620
3) VIPL	10.971	172.000	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.080	83.210	8) Pench (MS)	0.221	1.191
5) WPCL	8.996	125.203	9) Pench (Excess)	0.000	-0.970
6) Other IPP	3.877	83.841	Total	104.621	1685.986
C) 1) TPCL Thermal	16.325	249.200	a) Mumbai Schedule	24.073	390.398
2) TPCL Hydro	3.675	54.809	b) Mumbai Drawl	30.987	421.104
3) TPCL Gas	3.814	46.237	c) MSEDCL Bilateral *	31.813	463.981
4) R-INFRA Thermal	12.186	179.944	Include PX	-0.659	4.584
D) STATE			d) Mumbai Bilateral *	24.073	390.348
1) Thermal	255.553	3820.252	Include PX	1.612	30.054
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.050
2) Hydro	28.412	358.001	H) ENERGY CATERED (MUs)		
3) Gas	10.481	143.772	1) MSEDCL	338.451	5250.765
4) Wind	5.440	175.765	2) Mumbai Discoms	66.986	951.293
6) SOLAR	0.931	17.313	TOTAL STATE	405.437	6202.058
TOTAL STATE	300.817	4515.103			

* 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 21 Hrs	D. Night Minimum at 6 Hrs
MSPGCL Thermal	5438	5249	5433	5377
MSPGCL Hydro	1387	1515	1529	297
MSPGCL Gas	274	274	275	283
MSPGCL Total Generation	7099	7038	7237	5957
Central Sector Receipt	4668	4801	4530	4379
WIND	57	30	159	399
CPP / IPP	4394	4042	3464	4361
SOLAR	118	105	0	0
Exchange with Mumbai	-1441	-1609	-1364	-1068
MSEDCL DEMAND MET	14895	14407	14026	14028
Load Shedding	50	50	49	50
MSEDCL DEMAND	14945	14457	14075	14078
TPCL GENERATION	1176	1190	1021	660
R-INFRA GENERATION	516	518	517	395
MUMBAI DEMAND	3133	3317	2902	2123
STATE DEMAND MET	18028	17724	16928	16151
STATE DEMAND	18078	17774	16977	16201
Frequency (Hz)	49.94	49.99	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.02 Hrs	49.82 Hz at 01.19 Hrs	49.98	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 15/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.62	46.95	160	145
Unit 6	0.00	0.00	0	0
Unit 7	3.76	55.71	170	145
Total	7.38	102.66		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.88	156.59	500	370
Unit 5	9.65	150.27	495	365
Total	19.54	306.86		
Parli				
Unit 3	2.14	11.30	163	0
Unit 4	0.00	0.00	0	0
Unit 5	3.56	43.97	155	143
Unit 6	5.01	79.05	242	181
Unit 7	5.26	78.75	249	190
Total	15.97	213.06		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.20	37.03	139	128
Unit 3	4.36	67.56	193	171
Unit 4	0.99	48.74	173	0
Unit 5	9.75	52.49	440	378
Unit 6	9.44	110.16	420	365
Unit 7	9.23	141.79	423	302
Total	36.97	457.77		
Paras				
Unit 3	5.22	78.61	248	190
Unit 4	5.38	79.85	250	190
Total	10.60	158.47		
Khaparkheda				
Unit 1	3.98	61.60	185	150
Unit 2	3.66	54.16	165	120
Unit 3	4.21	47.80	180	169
Unit 4	3.98	62.60	176	156
Unit 5	10.22	126.46	480	390
Total	26.04	352.63		
Nasik				
Unit 3	4.69	69.08	210	180
Unit 4	4.47	62.16	195	173
Unit 5	4.50	50.96	196	177
Total	13.66	182.19		
Uran				
All Units	6.67	97.54	285	273
Total	6.67	97.54		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.22	1.19	47	0
Total	0.22	1.19		
Koyna				
Stage 1-2	5.37	79.72	490	40
Stage 4	11.35	117.62	949	0
Stage 3	3.86	43.34	320	0
Total	20.58	240.68		
Hydro				
KDPH	0.40	7.34	17	16
VTRNA	0.92	13.56	61	0
TILLARI	0.31	5.52	64	0
BHTGR/VEER	0.06	0.94	3	2
BHIRA T.R.	0.19	2.78	40	0
RNGR+BHTSA	0.25	3.35	11	10
BHANDARDRA	0.28	3.74	12	11
ELDARY	0.22	2.32	10	9
SMLHY_PTN	0.89	11.02	38	37
GHATGHAR	0.64	11.95	128	0
Total	4.16	62.51		
Wind				
Total	5.44	175.76	0	0
Total	5.44	175.76		
CPP				
APML(Mus)	52.23	808.30	0	0
JSWEL(Mus)	15.73	344.91	0	0
VIPL(Mus)	10.97	172.00	0	0
RPLAMT(Mus)	5.08	83.21	0	0
WPCL(Mus)	9.00	125.20	0	0
Other(Mus)	3.88	83.84	0	0
Total	96.89	1617.46		
SOLAR				
Total	0.93	17.31	0	0
Total	0.93	17.31		
Tata				
Trombay 5	10.60	160.65	493	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.35	27.76	115	85
Trombay 7B	1.47	18.47	67	57
Trombay 8	5.73	88.55	251	199
TATA Hydro	3.68	54.81	441	0
Total	23.81	350.25		
R-INFRA				
1-2	12.19	179.94	520	395
Total	12.19	179.94		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.16	1773.64
MSPGCL Thml+Gas	136.82	1871.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	24.74	303.19
MSPGCL Total	161.56	2174.37

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	16.72	197.34
State Total	300.82	4515.10

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 15/May/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	5605	666	281	6552	393	4482	0	4559	4721	-1256	14892	71	14963	2655	17618	49.93
2	5730	209	281	6220	345	4487	0	4294	4629	-1044	14637	48	14685	2446	17131	49.92
3	5696	200	281	6177	429	4410	0	4114	4224	-902	14338	48	14386	2306	16692	49.97
4	5636	125	282	6043	392	4315	0	4097	4232	-817	14165	48	14213	2193	16406	49.97
5	5516	130	282	5928	406	4290	0	4092	4441	-877	14188	48	14236	2127	16363	49.98
6	5377	297	283	5957	399	4361	0	4232	4379	-1068	14028	50	14078	2123	16201	49.98
7	5450	412	285	6147	415	4365	2	4285	4506	-1005	14430	50	14480	2081	16561	50.01
8	5563	202	285	6050	304	4452	25	4350	4216	-1007	14040	50	14090	2190	16280	50.00
9	5415	424	282	6121	182	4355	62	4509	4805	-1201	14324	50	14374	2396	16770	50.01
10	5452	1172	277	6901	73	4403	88	4536	4495	-1348	14612	50	14662	2790	17452	49.96
11	5438	1387	274	7099	57	4394	118	4606	4668	-1441	14895	50	14945	3133	18078	49.94
12	5339	1664	275	7278	43	4234	145	4789	4596	-1529	14767	50	14817	3247	18064	49.98
13	5249	1515	274	7038	30	4042	105	4683	4801	-1609	14407	50	14457	3317	17774	49.99
14	5244	1721	276	7241	58	3887	133	4529	4527	-1528	14318	48	14366	3233	17599	50.01
15	5269	1737	275	7281	69	3809	113	4582	4625	-1538	14359	46	14405	3340	17745	49.99
16	5253	1661	274	7188	98	3788	72	4534	4548	-1484	14210	46	14256	3363	17619	49.99
17	5257	1518	276	7051	111	3630	41	4359	4354	-1502	13685	46	13731	3356	17087	49.95
18	5285	1060	273	6618	143	3449	24	4193	3707	-1426	12515	46	12561	3202	15763	50.01
19	5328	1368	275	6971	200	3465	3	3654	3364	-1473	12530	46	12576	3042	15618	50.00
20	5379	1951	276	7606	158	3459	0	4157	3663	-1358	13528	49	13577	3020	16597	49.98
21	5433	1529	275	7237	159	3464	0	4311	4530	-1364	14026	49	14075	2902	16977	49.98
22	5422	1189	275	6886	357	3592	0	4031	4393	-1382	13846	49	13895	2841	16736	49.99
23	5376	1265	275	6916	338	3844	0	4026	3925	-1377	13646	49	13695	2821	16516	49.96
24	5442	1335	275	7052	281	3910	0	4069	4268	-1451	14060	49	14109	2863	16972	49.99
MUs	130.15	24.74	6.67	161.56	5.44	96.89	0.93	103.59	104.62	-30.99	338.45	1.19	339.63	66.99	406.62	49.98

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 15/May/2015

Position as on 6.30 Hrs of 16/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.	Refuelling 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	26/06/2015
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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 requirment	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51	15/05/2015	06.50	Sparking on Slipring.	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
MSPGCL	Chandrapur Unit 4	210	12/05/2015	09.18	15/05/2015	15.40	Boiler Tube Leakage	
CENT.SECTOR	TARAPUR 4	540	14/05/2015	14.58		Continued.	OTI & WT1 Meter Calibration work	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
CENT.SECTOR	TARAPUR-3	540	15/05/2015	09.00		Continued.	Reactor Channel Problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2015

Statement-VII

Position as on 6.30 Hrs of 16/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							
Wardha PG -Aurangabad PG III	IntraState	21/04/2015	00.07		Continued.	HT	To Control Line Loading of Waluj-A'Bad PG
Wardha PG - Aurangabad PG IV	IntraState	21/04/2015	10.33		Continued.	HT	Line Rectification work
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	15/05/2015	18.19	15/05/2015	19.42	T	Smothering Reactor Oil Pressure Low.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	04/05/2015	20.47		Continued.	EO	CB under lockout at Wardha PG end.
Kolhapur Mapusa II	InterState	14/05/2015	17.11	15/05/2015	06.59	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/05/2015	18.15	15/05/2015	07.31	HT	Over Voltage
Kolhapur Mapusa I	InterState	15/05/2015	16.19	16/05/2015	06.37	HT	Over Voltage
Dabhol Nagothane II	InterState	15/05/2015	16.42	15/05/2015	22.48	T	Distance Protection
Dhule Sar'Sarovar II	InterState	15/05/2015	17.46		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering PT Burst.
Babhaleshwar-Taptitanda ckt-I	IntraState	01/05/2015	12.16	15/05/2015	20.27	HT	Over Voltage
karad -kolhapur-II	IntraState	14/05/2015	16.39	15/05/2015	07.14	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/05/2015	01.38	15/05/2015	07.56	PO	To attend Hot Spot
Bus Coupler @ Padgha	IntraState	15/05/2015	09.31	15/05/2015	20.18	PO	C T Replacement Work.
karad -kolhapur-II	IntraState	15/05/2015	16.15		Continued.	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	15/05/2015	16.58	15/05/2015	20.31	PO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	15/05/2015	17.23		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	15/05/2015	19.55		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-I @Talegaon(PG)	InterState	15/05/2015	00.19		Continued.	HT	To control 220KV Talegaon-Urse Line Loading
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	14/05/2015	18.44	15/05/2015	01.55	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	15/05/2015	08.40	15/05/2015	20.47	PO	C B Testing Work.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	15/05/2015	09.35	15/05/2015	16.42	PO	Attending Hot Spot
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
Nerul - Sonkhar	IntraState	15/05/2015	06.00	15/05/2015	10.29	PO	Bus Section-I Outage for Jumper Replacement.Hot Sopt Attending.
Dhule - Malegaon	IntraState	15/05/2015	06.24	15/05/2015	13.50	PO	LLO Arrangement for Saysne S/S.
Dahanu Versova	IntraState	15/05/2015	08.01	15/05/2015	09.37	PO	Attending Hot Spot
Uran - Kharghar 2	IntraState	15/05/2015	09.25		Continued.	PO	Taken on TBC for Breaker Overhauling Work.
Nasik - Raymond	IntraState	15/05/2015	11.00	15/05/2015	15.03	PO	Replacement of R Ph CT Wavetrap Jumper.
Boisar(M) - Ghodbunder	IntraState	15/05/2015	14.17	15/05/2015	17.44	T	Distance Protection
Mahad - Pedambe	IntraState	15/05/2015	15.57	15/05/2015	17.20	T	Distance 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 15/May/2015

Statement-VII

Position as on 6.30 Hrs of 16/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhira Dharavi 7	IntraState	15/05/2015	16.14	15/05/2015	16.39	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
132 KV LINE Outages/Trippings							
Waghala(Nanded2) - Ardhapur	IntraState	14/05/2015	19.26	15/05/2015	01.07	T	Y Phase LA Burst
Viraj - Jindal	IntraState	15/05/2015	10.55	15/05/2015	17.39	PO	Bus Red Hot Sopt Attending Work.
Boisar li - Viraj	IntraState	15/05/2015	11.55	15/05/2015	13.27	PO	Bus Red Hot Sopt Attending Work.

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