

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.842	1868.877	1) Gujrat	2.854	29.412
2) Hydro	7.446	161.772	2) Madhya Pradesh	13.162	221.056
3) Gas	4.020	87.231	3) Chattisgarh	4.910	67.840
Total MSPGCL	121.308	2117.880	4) Maharashtra Net	80.645	1524.573
B) 1) APML	48.850	881.070	5) Goa	-7.201	-107.720
2) JSWEL	15.451	255.241	6) TAPS 1&2 Injection	3.093	32.511
3) VIPL	9.176	172.192	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.600	80.570	8) Pench (MS)	0.128	1.482
5) WPCL	4.004	109.467	9) Pench (Excess)	0.000	-0.951
6) Other IPP	4.088	84.131	Total	97.463	1766.721
C) 1) TPCL Thermal	12.365	247.108	a) Mumbai Schedule	21.810	423.153
2) TPCL Hydro	3.338	52.586	b) Mumbai Drawl	26.166	471.274
3) TPCL Gas	3.298	44.026	c) MSEDCL Bilateral *	25.848	484.907
4) R-INFRA Thermal	11.759	186.738	Include PX	-0.816	-0.570
D) STATE			d) Mumbai Bilateral *	21.810	423.153
1) Thermal	220.135	3885.394	Include PX	1.093	29.817
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.784	214.358	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	7.318	131.257	1) MSEDCL	306.386	5289.227
4) Wind	27.015	276.341	2) Mumbai Discoms	56.923	1001.709
6) SOLAR	0.597	15.937	TOTAL STATE	363.309	6290.936
TOTAL STATE	265.849	4523.287			

* 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	4777	4671	4715	4263
MSPGCL Hydro	536	185	859	83
MSPGCL Gas	132	131	203	137
MSPGCL Total Generation	5445	4987	5777	4483
Central Sector Receipt	4605	5045	3855	3237
WIND	1101	945	1245	1265
CPP / IPP	4001	3842	3686	3184
SOLAR	90	93	0	0
Exchange with Mumbai	-1524	-1514	-1222	-469
MSEDCL DEMAND MET	13718	13398	13341	11700
Load Shedding	43	41	32	39
MSEDCL DEMAND	13761	13439	13373	11739
TPCL GENERATION	890	936	919	638
R-INFRA GENERATION	510	510	514	514
MUMBAI DEMAND	2924	2960	2655	1621
STATE DEMAND MET	16642	16358	15996	13321
STATE DEMAND	16685	16399	16028	13360
Frequency (Hz)	49.99	49.99	49.83	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 03.02 Hrs	49.61 Hz at 19.27 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 16/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.29	40.27	145	130
Unit 6	0.00	0.00	0	0
Unit 7	3.48	25.55	155	135
Total	6.77	65.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.07	16.75	175	160
Unit 4	6.37	152.13	385	0
Unit 5	9.22	126.18	395	370
Total	19.66	295.05		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.57	56.88	155	140
Unit 6	4.66	76.64	203	185
Unit 7	4.64	79.16	198	191
Total	12.87	259.66		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.47	50.11	149	135
Unit 3	3.97	67.08	178	123
Unit 4	3.95	65.96	180	136
Unit 5	9.21	149.19	420	365
Unit 6	0.00	84.60	0	0
Unit 7	7.39	104.83	360	272
Total	27.99	521.76		
Paras				
Unit 3	4.95	80.32	250	196
Unit 4	4.81	83.30	224	184
Total	9.76	163.62		
Khaparkheda				
Unit 1	3.38	53.20	165	95
Unit 2	3.45	56.57	155	115
Unit 3	4.07	64.06	190	156
Unit 4	3.85	61.11	165	155
Unit 5	9.14	125.72	430	330
Total	23.90	360.68		
Nasik				
Unit 3	4.47	74.04	190	180
Unit 4	0.00	55.48	0	0
Unit 5	4.42	72.76	189	177
Total	8.89	202.29		
Uran				
All Units	4.02	87.23	272	127
Total	4.02	87.23		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	1.48	25	0
Total	0.13	1.48		
Koyna				
Stage 1-2	3.03	56.02	550	40
Stage 4	0.85	43.05	280	0
Stage 3	0.92	22.38	160	0
Total	4.80	121.45		
Hydro				
KDPH	0.32	4.51	14	13
VTRNA	0.00	8.82	0	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	2.87	53	0
RNGR+BHTSA	0.21	3.03	9	8
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.35	3.19	22	12
GHATGHAR	1.65	14.30	250	0
Total	2.65	40.32		
Wind				
Total	27.02	276.34	0	0
Total	27.02	276.34		
CPP				
APML(Mus)	48.85	881.07	0	0
JSWEL(Mus)	15.45	255.24	0	0
VIPL(Mus)	9.18	172.19	0	0
RPLAMT(Mus)	4.60	80.57	0	0
WPCL(Mus)	4.00	109.47	0	0
Other(Mus)	4.09	84.13	0	0
Total	86.17	1582.67		
SOLAR				
Total	0.60	15.94	0	0
Total	0.60	15.94		
Tata				
Trombay 5	7.55	150.64	322	308
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.96	25.15	125	59
Trombay 7B	1.34	18.87	70	47
Trombay 8	4.82	82.67	202	199
TATA Hydro	3.34	52.59	303	0
Total	19.00	343.72		
R-INFRA				
1-2	11.76	186.74	514	279
Total	11.76	186.74		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.84	1868.88
MSPGCL Thml+Gas	113.86	1956.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.45	161.77
MSPGCL Total	121.31	2117.88

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.88	99.07
State Total	265.85	4523.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Jun/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	4280	78	138	4496	1241	3373	0	3353	3933	-747	12296	52	12348	1952	14300	49.94
2	4288	73	138	4499	1310	3527	0	3543	3454	-633	12157	39	12196	1773	13969	49.97
3	4277	78	139	4494	1364	3508	0	3435	3272	-549	12089	39	12128	1688	13816	49.98
4	4272	78	138	4488	1250	3277	0	3182	3209	-499	11725	39	11764	1640	13404	49.99
5	4263	83	137	4483	1265	3184	0	3123	3237	-469	11700	39	11739	1621	13360	49.94
6	4323	439	137	4899	981	3254	0	3048	3655	-518	12271	42	12313	1710	14023	49.96
7	4435	766	137	5338	769	3499	5	3070	3795	-688	12718	42	12760	1821	14581	49.92
8	4630	761	136	5527	766	3996	18	3677	3744	-834	13217	42	13259	1986	15245	50.00
9	4786	636	133	5555	757	3945	49	4210	4149	-1187	13268	45	13313	2338	15651	49.99
10	4769	505	132	5406	979	4002	77	4660	4387	-1326	13525	45	13570	2623	16193	49.98
11	4777	536	132	5445	1101	4001	90	4816	4605	-1524	13718	43	13761	2924	16685	49.99
12	4651	337	133	5121	1104	3944	104	4965	4833	-1528	13578	41	13619	2967	16586	49.98
13	4671	185	131	4987	945	3842	93	4918	5045	-1514	13398	41	13439	2960	16399	49.99
14	4703	80	130	4913	1089	3747	73	4794	4770	-1431	13161	34	13195	2861	16056	49.98
15	4683	80	127	4890	1254	3728	31	4856	4828	-1416	13315	32	13347	2891	16238	49.95
16	4713	75	147	4935	1218	3613	29	4839	4424	-1379	12840	32	12872	2848	15720	49.93
17	4705	80	187	4972	1212	3505	19	4578	4441	-1370	12779	32	12811	2825	15636	49.92
18	4729	80	203	5012	1212	3310	9	4024	3878	-1348	12073	32	12105	2789	14894	49.97
19	4701	547	206	5454	1070	3358	0	2905	3544	-1296	12130	32	12162	2716	14878	49.93
20	4715	859	203	5777	1245	3686	0	3863	3855	-1222	13341	32	13373	2655	16028	49.83
21	4686	373	245	5304	1420	3680	0	4210	4079	-1220	13263	35	13298	2546	15844	49.89
22	4656	185	272	5113	1229	3586	0	4134	4122	-1221	12829	35	12864	2410	15274	49.93
23	4605	131	271	5007	1183	3265	0	4051	4118	-1149	12424	35	12459	2266	14725	49.85
24	4524	401	268	5193	1051	3339	0	3876	4084	-1098	12569	35	12604	2116	14720	49.85
MUs	109.84	7.45	4.02	121.31	27.02	86.17	0.60	96.13	97.46	-26.17	306.38	0.92	307.30	56.93	364.22	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 16/Jun/2015

Position as on 6.30 Hrs of 17/Jun/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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
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.	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	
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.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation major problem.	
MSPGCL	Uran Unit 5	108	11/06/2015	00.11		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	13/06/2015	22.05		Continued.	Boiler Validity extension work	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	14/06/2015	14.48	16/06/2015	15.14	Compressor Surge Protection Operated.	
MSPGCL	Uran Unit B0	120	14/06/2015	14.48	16/06/2015	20.15	Compressor Surge	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Jun/2015

Position as on 6.30 Hrs of 17/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Protection Operated.	
MSPGCL	Bhusawal Unit 4	500	15/06/2015	21.09	16/06/2015	06.13	Due to Abnormal Sound in Turbine (Drain Valve Problem).	
RINFRA-G	REL Unit 2	250	16/06/2015	23.13		Continued.	Control instrument card failure.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 17/Jun/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 1	IntraState	16/06/2015	13.23	16/06/2015	15.49	T	Control problem from Padgha end.
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	13/06/2015	05.09		Continued.	T	DT Received at Dhule
Kolhapur Mapusa I	InterState	15/06/2015	16.25	16/06/2015	09.45	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	15/06/2015	18.28	16/06/2015	07.00	HT	Over Voltage
Dhule Khandwa II	InterState	16/06/2015	11.33		Continued.	PO	Taken on TBC,for hot spot on Bus II by hot line method.
Kolhapur Mapusa II	InterState	16/06/2015	16.47		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	17/06/2015	03.05		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage (RFC 16.07Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	12/06/2015	16.20		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	15/06/2015	14.58		Continued.	PO	Taken on TBC to Attend Oil Leakage on Own CB.
Switching Ckt I 401 CB @ Chandrapur	IntraState	15/06/2015	15:06		Continued.	PO	C B Maintenance work
karad -kolhapur-II	IntraState	15/06/2015	16.01	16/06/2015	09.00	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/06/2015	16.40	16/06/2015	09.36	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/06/2015	17.46	16/06/2015	06.22	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/06/2015	23.30	16/06/2015	06.36	HT	Over Voltage
karad -kolhapur-I	IntraState	16/06/2015	16.06		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/06/2015	17.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/06/2015	17.53		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/06/2015	21.56	17/06/2015	06.11	HT	Over Voltage
Padghe - Nagothane - I	IntraState	17/06/2015	00.01		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	11/06/2015	12.57		Continued.	PO	R Phase Jumper Reconnection
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10		Continued.	PO	LV Side Taken on TBC Bay Work.
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.
Padghe - Jambhul 2	IntraState	09/06/2015	11.13		Continued.	PO	Shifted on TBC,Bus isolator maint.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	16/06/2015	08.25	16/06/2015	19.08	PO	CT replacement.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	16/06/2015	10.20	16/06/2015	15.00	PO	Line Maintenance work
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 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	13/06/2015	09.36		Continued.	PO	p.m.work
132 KV LINE Outages/Trippings							

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 16/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Morshi-Warud	IntraState	15/06/2015	22.40		Continued.	T	Distance Protection