

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.280	1759.035	1) Gujrat	3.930	26.558
2) Hydro	4.307	154.326	2) Madhya Pradesh	11.740	207.894
3) Gas	3.301	83.211	3) Chattisgarh	4.200	62.930
Total MSPGCL	117.888	1996.572	4) Maharashtra Net	75.660	1443.928
B) 1) APMIL	44.820	832.220	5) Goa	-6.389	-100.519
2) JSWEL	16.140	239.790	6) TAPS 1&2 Injection	3.059	29.418
3) VIPL	9.181	163.016	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.320	75.970	8) Pench (MS)	0.120	1.354
5) WPCL	8.222	105.463	9) Pench (Excess)	-0.120	-0.951
6) Other IPP	4.287	80.043	Total	92.080	1669.258
C) 1) TPCL Thermal	12.918	234.743	a) Mumbai Schedule	23.500	401.344
2) TPCL Hydro	2.404	49.248	b) Mumbai Drawl	25.081	445.108
3) TPCL Gas	3.643	40.728	c) MSEDCL Bilateral *	32.370	459.059
4) R-INFRA Thermal	11.623	174.979	Include PX	-0.510	0.246
D) STATE			d) Mumbai Bilateral *	23.500	401.344
1) Thermal	221.791	3665.259	Include PX	1.094	28.724
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	6.711	203.574	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	6.944	123.939	1) MSEDCL	302.227	4982.841
4) Wind	29.330	249.326	2) Mumbai Discoms	55.668	944.786
6) SOLAR	1.040	15.340	TOTAL STATE	357.895	5927.627
TOTAL STATE	265.816	4257.438			

* 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 4 Hrs
MSPGCL Thermal	4666	4669	4706	4575
MSPGCL Hydro	302	200	206	79
MSPGCL Gas	135	143	137	136
MSPGCL Total Generation	5103	5012	5049	4790
Central Sector Receipt	4582	4319	4330	3025
WIND	1290	1451	932	1120
CPP / IPP	3744	3550	3901	3393
SOLAR	116	93	0	0
Exchange with Mumbai	-1272	-1334	-1112	-647
MSEDCL DEMAND MET	13563	13091	13100	11681
Load Shedding	43	41	33	39
MSEDCL DEMAND	13606	13132	13133	11720
TPCL GENERATION	983	993	874	627
R-INFRA GENERATION	510	513	514	381
MUMBAI DEMAND	2765	2840	2500	1655
STATE DEMAND MET	16328	15931	15600	13336
STATE DEMAND	16371	15972	15633	13375
Frequency (Hz)	49.99	50.00	49.93	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 03:03 Hrs	49.76 Hz at 19:47 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/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.30	36.99	150	125
Unit 6	0.00	0.00	0	0
Unit 7	3.43	22.07	160	120
Total	6.72	59.06		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	12.68	175	165
Unit 4	7.97	145.76	390	0
Unit 5	9.14	116.96	390	370
Total	21.20	275.39		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.48	53.31	152	135
Unit 6	4.63	71.99	210	184
Unit 7	4.65	74.51	198	187
Total	12.76	246.78		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	2.78	46.64	153	0
Unit 3	3.97	63.11	173	153
Unit 4	3.84	62.01	171	150
Unit 5	8.98	139.97	380	370
Unit 6	0.00	84.60	0	0
Unit 7	8.56	97.44	364	332
Total	28.13	493.77		
Paras				
Unit 3	4.75	75.37	206	192
Unit 4	4.70	78.48	203	187
Total	9.45	153.85		
Khaparkheda				
Unit 1	3.48	49.82	160	115
Unit 2	3.50	53.12	160	120
Unit 3	3.75	59.99	164	136
Unit 4	3.71	57.26	162	141
Unit 5	8.78	116.58	400	318
Total	23.21	336.78		
Nasik				
Unit 3	4.41	69.57	195	175
Unit 4	0.00	55.48	0	0
Unit 5	4.39	68.34	188	174
Total	8.80	193.40		
Uran				
All Units	3.30	83.21	145	133
Total	3.30	83.21		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.12	1.35	25	0
Total	0.12	1.35		
Koyna				
Stage 1-2	1.98	52.99	360	40
Stage 4	0.00	42.20	0	0
Stage 3	0.34	21.46	232	0
Total	2.32	116.65		
Hydro				
KDPH	0.34	4.19	14	14
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.	0.12	2.76	77	0
RNGR+BHTSA	0.21	2.82	9	8
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.35	2.84	22	11
GHATGHAR	0.98	12.64	125	0
Total	1.99	37.67		
Wind				
Total	29.33	249.33	0	0
Total	29.33	249.33		
CPP				
APML(Mus)	44.82	832.22	0	0
JSWEL(Mus)	16.14	239.79	0	0
VIPL(Mus)	9.18	163.02	0	0
RPLAMT(Mus)	4.32	75.97	0	0
WPCL(Mus)	8.22	105.46	0	0
Other(Mus)	4.29	80.04	0	0
Total	86.97	1496.50		
SOLAR				
Total	1.04	15.34	0	0
Total	1.04	15.34		
Tata				
Trombay 5	7.63	143.10	321	316
Trombay 6	0.00	13.80	0	0
Trombay 7A	2.23	23.19	117	59
Trombay 7B	1.42	17.54	67	47
Trombay 8	5.28	77.85	250	200
TATA Hydro	2.40	49.25	263	0
Total	18.96	324.72		
R-INFRA				
1-2	11.62	174.98	515	381
Total	11.62	174.98		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.28	1759.04
MSPGCL Thml+Gas	113.58	1842.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.31	154.33
MSPGCL Total	117.89	1996.57

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.98	95.19
State Total	265.82	4257.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4488	94	138	4720	1047	3254	0	3129	3572	-952	11641	52	11693	1961	13654	49.94
2	4557	74	138	4769	1151	3322	0	3056	3309	-788	11763	39	11802	1800	13602	49.96
3	4571	79	138	4788	1333	3373	0	3048	3046	-692	11848	39	11887	1703	13590	50.01
4	4575	79	136	4790	1120	3393	0	2777	3025	-647	11681	39	11720	1655	13375	50.04
5	4608	159	135	4902	935	3410	0	2392	3113	-636	11724	39	11763	1648	13411	49.96
6	4636	359	137	5132	1173	3533	0	2663	2874	-574	12138	42	12180	1742	13922	49.98
7	4642	147	138	4927	1146	3971	5	3202	3264	-658	12655	42	12697	1841	14538	50.02
8	4680	205	136	5021	909	3605	29	3599	3752	-790	12526	42	12568	1973	14541	50.04
9	4708	205	135	5048	833	4037	64	3742	4295	-1004	13273	45	13318	2197	15515	50.00
10	4698	210	135	5043	1180	3824	85	4196	4558	-1167	13523	45	13568	2560	16128	49.95
11	4666	302	135	5103	1290	3744	116	4233	4582	-1272	13563	43	13606	2765	16371	49.99
12	4685	253	143	5081	1318	3480	141	4285	4675	-1320	13375	41	13416	2841	16257	50.00
13	4669	200	143	5012	1451	3550	93	4082	4319	-1334	13091	41	13132	2840	15972	50.00
14	4690	170	142	5002	1606	3528	150	3997	4191	-1365	13112	34	13146	2789	15935	50.06
15	4660	80	142	4882	1469	3629	140	4057	3796	-1432	12484	32	12516	2783	15299	49.99
16	4634	75	145	4854	1609	3546	105	4016	3948	-1439	12623	32	12655	2776	15431	49.99
17	4613	80	135	4828	1704	3425	63	3899	3845	-1386	12479	32	12511	2713	15224	49.99
18	4620	115	135	4870	1482	3447	35	3292	3490	-1275	12049	32	12081	2658	14739	49.98
19	4657	452	133	5242	1287	3604	14	2576	3099	-1162	12084	32	12116	2559	14675	49.98
20	4657	466	137	5260	1173	3924	0	3506	3831	-1174	13014	33	13047	2580	15627	49.88
21	4706	206	137	5049	932	3901	0	4181	4330	-1112	13100	33	13133	2500	15633	49.93
22	4363	144	136	4643	995	3912	0	4271	4617	-1009	13158	33	13191	2381	15572	49.95
23	4245	79	136	4460	1145	3841	0	4202	4342	-977	12811	33	12844	2282	15126	49.95
24	4252	74	136	4462	1042	3717	0	4127	4207	-916	12512	33	12545	2122	14667	49.97
MUs	110.28	4.31	3.30	117.89	29.33	86.97	1.04	86.53	92.08	-25.08	302.23	0.91	303.13	55.67	358.80	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/Jun/2015

Position as on 6.30 Hrs of 16/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								
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	
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		Continued.	Compressor Surge Protection Operated.	
MSPGCL	Uran Unit B0	120	14/06/2015	14.48		Continued.	Compressor Surge	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Jun/2015

Position as on 6.30 Hrs of 16/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	Chandrapur Unit 2	210	14/06/2015	21.35	15/06/2015	03.40	UAT Supply Fail.	
MSPGCL	Bhusawal Unit 4	500	15/06/2015	21.09	16/06/2015	06.13	Due to Abnormal Sound in Turbine (Drain Valve Problem).	

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

Statement-VII

Position as on 6.30 Hrs of 16/Jun/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							
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
Lamboti - Solapur (PG)	InterState	14/06/2015	15.26	15/06/2015	14.01	T	Distance Protection
Kolhapur Mapusa II	InterState	14/06/2015	15.52	15/06/2015	07.51	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	15/06/2015	00.11	15/06/2015	07.07	HT	Over Voltage
Kolhapur Mapusa I	InterState	15/06/2015	16.25		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	15/06/2015	18.28	16/06/2015	07.00	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)
Bhusawal-Aurangabad	IntraState	11/06/2015	17.26	15/06/2015	07.15	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	12/06/2015	16.20		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	13/06/2015	13.33	15/06/2015	08.47	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/06/2015	16.04	15/06/2015	09.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/06/2015	17.26	15/06/2015	07.08	HT	Over Voltage
Padghe - Nagothane - I	IntraState	15/06/2015	02.37	15/06/2015	09.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/06/2015	09.58	15/06/2015	13.43	PO	Taken on TBC CB Compressor Problem.
New Koyna - Koyna Stage IV-II	IntraState	15/06/2015	14.58		Continued.	PO	Taken on TBC to Attend Oil Leakage on Own CB.
karad -kolhapur-II	IntraState	15/06/2015	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/06/2015	16.40		Continued.	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
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 500 Mva Ict 3 @Girwali	IntraState	14/06/2015	16.24	15/06/2015	06.05	T	Due to LV Side PRV Operated.
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							
Tillari Amona	InterState	15/06/2015	11.40	15/06/2015	16.44	PO	Outage.
Mahalakshmi Amona	InterState	15/06/2015	11.42	15/06/2015	16.10	PO	Outage.
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.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	12/06/2015	10.38		Continued.	PO	Isolator Maint.work
Jamde-Dondaicha 1	IntraState	12/06/2015	16.00		Continued.	T	R Phase Conductor Snapped
Nanded - Parli Ext. Ckt I	IntraState	12/06/2015	16.46		Continued.	T	Distance Protection
Butibori-Inox	IntraState	15/06/2015	08.45	15/06/2015	12.44	PO	CRM & CB Timing.
Ambazari-Amravati	IntraState	15/06/2015	09.07	15/06/2015	15.45	PO	Replacement of 2 No's Faulty Strings.

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/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dasturi-Kandalgaon Line	IntraState	15/06/2015	09.30	15/06/2015	16.15	PO	Attending Hot Spot
Loteparshuram- Dasturi Line	IntraState	15/06/2015	09.40	15/06/2015	16.01	PO	Replacement of Cross Arm.
Dhamangaon New - Badnera	IntraState	15/06/2015	10.01	15/06/2015	18.06	PO	Premonsoon Maint., Measurment of Tan Delta of CT.
Paranda-Barshi	IntraState	15/06/2015	12.03	15/06/2015	16.52	PO	Fising of Jumpers @ Cut Points.
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
220/132 Kv 200 Mva Vijai Ict 1 @Chaligaon	IntraState	15/06/2015	12.24	15/06/2015	15.42	PO	Retesting of Tandelta Measurment of R & Y Ph HV Side Bushing in Presenece of Company Engrs.
220/132kv 200 Mva Aditya Vidyut Ict 1 @Kanhani	IntraState	15/06/2015	13.02	15/06/2015	14.12	PO	Attending Hot Spot on 1) Y Ph HV Side Bus Isolator 2) B Ph KV Side Bus Clamp.
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	15/06/2015	13.50	15/06/2015	17.57	PO	Diff. Relay Replacement Work.
220/132 Kv 200 Mva Aditya Vidyut Ict 1 @Chikhali	IntraState	15/06/2015	13.56	15/06/2015	15.56	PO	Attending Oil Leakage of LV R Ph Turret CT & R M Work.
132 KV LINE Outages/Trippings							
Dondaicha- Shahada	IntraState	07/06/2015	21.08		Continued.	T	L A Brust @ Shahada.
Nandurbar - Visarwadi	IntraState	13/06/2015	03.10		Continued.	T	Distance Protection
Morshi-Warud	IntraState	15/06/2015	22.40		Continued.	T	Distance Protection

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