

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jun/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.252	1979.129	1) Gujrat	6.141	35.553
2) Hydro	8.844	170.616	2) Madhya Pradesh	10.355	231.411
3) Gas	6.447	93.678	3) Chattisgarh	4.990	72.830
Total MSPGCL	125.543	2243.423	4) Maharashtra Net	83.068	1607.641
B) 1) APMIL	50.980	932.050	5) Goa	-6.251	-113.971
2) JSWEL	15.303	270.544	6) TAPS 1&2 Injection	3.093	35.604
3) VIPL	8.519	180.711	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.640	85.210	8) Pench (MS)	0.117	1.599
5) WPCL	2.729	112.196	9) Pench (Excess)	-0.117	-1.068
6) Other IPP	4.277	88.408	Total	101.279	1868.000
C) 1) TPCL Thermal	14.686	261.794	a) Mumbai Schedule	20.437	443.591
2) TPCL Hydro	3.556	56.142	b) Mumbai Drawl	28.899	500.173
3) TPCL Gas	2.711	46.737	c) MSEDCL Bilateral *	24.983	509.890
4) R-INFRA Thermal	6.137	192.875	Include PX	-0.639	-1.209
D) STATE			d) Mumbai Bilateral *	20.437	443.591
1) Thermal	217.523	4102.917	Include PX	0.415	30.232
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.400	226.758	H) ENERGY CATERED (MUs)		
3) Gas	9.158	140.415	1) MSEDCL	307.704	5597.048
4) Wind	22.458	298.799	2) Mumbai Discoms	55.993	1057.702
6) SOLAR	0.875	16.812	TOTAL STATE	363.697	6654.750
TOTAL STATE	262.414	4785.701			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4684	4641	4601	4514
MSPGCL Hydro	311	530	853	94
MSPGCL Gas	266	256	266	281
MSPGCL Total Generation	5261	5427	5720	4889
Central Sector Receipt	5591	4931	4518	3107
WIND	861	1098	1263	948
CPP / IPP	3932	3498	3694	3521
SOLAR	128	62	1	0
Exchange with Mumbai	-1577	-1367	-1526	-728
MSEDCL DEMAND MET	14196	13649	13670	11737
Load Shedding	42	33	33	40
MSEDCL DEMAND	14238	13682	13703	11777
TPCL GENERATION	983	1126	837	647
R-INFRA GENERATION	249	256	258	255
MUMBAI DEMAND	2809	2749	2621	1630
STATE DEMAND MET	17005	16398	16291	13367
STATE DEMAND	17047	16431	16324	13407
Frequency (Hz)	49.97	50.00	49.92	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 05:04 Hrs	49.65 Hz at 14:21 Hrs	49.95	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 17/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.42	43.69	152	125
Unit 6	0.00	0.00	0	0
Unit 7	3.41	28.96	152	135
Total	6.83	72.66		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.06	20.81	170	165
Unit 4	9.24	161.38	400	360
Unit 5	9.19	135.36	400	370
Total	22.50	317.55		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.52	60.40	155	140
Unit 6	4.79	81.43	243	194
Unit 7	4.62	83.78	212	188
Total	12.94	272.59		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.22	53.33	149	109
Unit 3	3.27	70.35	165	100
Unit 4	3.24	69.19	162	106
Unit 5	9.04	158.23	395	365
Unit 6	0.00	84.60	0	0
Unit 7	8.14	112.96	360	297
Total	26.90	548.66		
Paras				
Unit 3	4.99	85.31	246	193
Unit 4	4.84	88.14	221	190
Total	9.83	173.45		
Khaparkheda				
Unit 1	2.81	56.02	145	75
Unit 2	3.02	59.59	140	110
Unit 3	3.61	67.67	180	125
Unit 4	3.76	64.88	163	140
Unit 5	9.34	135.06	450	357
Total	22.54	383.22		
Nasik				
Unit 3	4.40	78.44	190	170
Unit 4	0.00	55.48	0	0
Unit 5	4.32	77.08	185	169
Total	8.71	211.00		
Uran				
All Units	6.45	93.68	282	256
Total	6.45	93.68		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.12	1.60	47	0
Total	0.12	1.60		
Koyna				
Stage 1-2	5.16	61.18	535	40
Stage 4	0.60	43.66	220	0
Stage 3	1.44	23.82	240	0
Total	7.21	128.66		
Hydro				
KDPH	0.32	4.84	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.	0.14	3.01	80	0
RNGR+BHTSA	0.21	3.24	9	8
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.34	3.54	21	11
GHATGHAR	0.62	14.92	125	0
Total	1.64	41.96		
Wind				
Total	22.46	298.80	0	0
Total	22.46	298.80		
CPP				
APML(Mus)	50.98	932.05	0	0
JSWEL(Mus)	15.30	270.54	0	0
VIPL(Mus)	8.52	180.71	0	0
RPLAMT(Mus)	4.64	85.21	0	0
WPCL(Mus)	2.73	112.20	0	0
Other(Mus)	4.28	88.41	0	0
Total	86.45	1669.12		
SOLAR				
Total	0.88	16.81	0	0
Total	0.88	16.81		
Tata				
Trombay 5	9.21	159.85	465	312
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.52	26.68	90	59
Trombay 7B	1.19	20.06	59	47
Trombay 8	5.48	88.14	249	200
TATA Hydro	3.56	56.14	378	0
Total	20.95	364.67		
R-INFRA				
1-2	6.14	192.88	258	249
Total	6.14	192.88		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.25	1979.13
MSPGCL Thml+Gas	116.70	2072.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.84	170.62
MSPGCL Total	125.54	2243.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.77	104.84
State Total	262.41	4785.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4502	99	281	4882	868	3507	0	3859	3928	-1018	12167	54	12221	1941	14162	49.89
2	4483	74	282	4839	781	3483	0	3575	3661	-811	11953	40	11993	1762	13755	49.96
3	4534	74	280	4888	851	3444	0	3290	3457	-736	11904	40	11944	1676	13620	50.02
4	4514	94	281	4889	948	3521	0	3246	3107	-728	11737	40	11777	1630	13407	50.02
5	4556	79	282	4917	748	3527	0	3268	3652	-725	12119	40	12159	1609	13768	49.98
6	4565	329	278	5172	651	3553	0	3279	3629	-791	12214	41	12255	1699	13954	50.00
7	4560	644	278	5482	562	3555	2	3485	3928	-871	12658	41	12699	1810	14509	49.96
8	4596	399	275	5270	512	3552	30	4224	4592	-992	12964	41	13005	1975	14980	49.93
9	4672	515	269	5456	648	3735	51	4491	4024	-1354	12560	44	12604	2326	14930	50.01
10	4736	443	266	5445	793	3987	100	4666	4842	-1481	13686	44	13730	2612	16342	50.00
11	4684	311	266	5261	861	3932	128	4963	5591	-1577	14196	42	14238	2809	17047	49.97
12	4636	186	264	5086	853	3574	116	5018	5106	-1515	13220	40	13260	2890	16150	49.91
13	4657	170	260	5087	881	3544	118	4633	4665	-1407	12888	40	12928	2838	15766	49.91
14	4625	275	256	5156	846	3509	123	4513	4951	-1300	13285	33	13318	2714	16032	49.88
15	4701	375	257	5333	797	3537	76	4590	4911	-1318	13336	33	13369	2706	16075	49.80
16	4641	530	256	5427	1098	3498	62	4667	4931	-1367	13649	33	13682	2749	16431	50.00
17	4535	650	257	5442	1235	3472	37	4373	4509	-1423	13272	33	13305	2790	16095	49.96
18	4509	234	263	5006	1154	3451	25	4030	4198	-1465	12369	33	12402	2728	15130	50.01
19	4534	718	265	5517	1258	3435	6	3556	3128	-1451	11893	33	11926	2669	14595	49.94
20	4601	853	266	5720	1263	3694	1	4245	4518	-1526	13670	33	13703	2621	16324	49.92
21	4612	773	264	5649	1286	3847	0	4224	4177	-1432	13527	33	13560	2567	16127	49.91
22	4634	389	264	5287	1266	3782	0	4220	4027	-1353	13009	33	13042	2451	15493	49.94
23	4631	244	267	5142	1174	3700	0	4209	3918	-1193	12741	33	12774	2281	15055	49.93
24	4534	386	270	5190	1124	3609	0	4027	3829	-1065	12687	33	12720	2136	14856	49.98
MUs	110.25	8.84	6.45	125.54	22.46	86.45	0.87	98.65	101.28	-28.90	307.70	0.91	308.61	55.99	364.60	49.95

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 17/Jun/2015

Position as on 6.30 Hrs of 18/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	
RINFRA-G	REL Unit 2	250	16/06/2015	23.13		Continued.	Control instrument card failure.	
IPP	VIPL U-1	300	17/06/2015	20.40		Continued.	PRV of GT Optd.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 18/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 2	IntraState	17/06/2015	12.52		Continued.	T	Convertor transformer diff prot optd.
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	17/06/2015	10.28	T	DT Received at Dhule
Dhule Khandwa II	InterState	16/06/2015	11.33	17/06/2015	20.50	PO	Taken on TBC,for hot spot on Bus II by hot line method.
Kolhapur Mapusa II	InterState	16/06/2015	16.47	17/06/2015	06.53	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	17/06/2015	03.05		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	17/06/2015	10.53	17/06/2015	19.36	PO	Rectfication of missing string at Khandwa end.
Dhule Sar'Sarovar I	InterState	17/06/2015	19.00		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniandia) Ckt I	IntraState	07/04/2015	00.27	17/06/2015	19.23	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 BBL SR 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-I	IntraState	16/06/2015	16.06	17/06/2015	06.57	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/06/2015	17.16	17/06/2015	08.46	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/06/2015	17.53	17/06/2015	10.15	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/06/2015	21.56	17/06/2015	06.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/06/2015	00.00	17/06/2015	10.15	HT	Over Voltage
Padghe - Nagothane - I	IntraState	17/06/2015	00.01	17/06/2015	08.31	HT	Over Voltage
Chandrapur-Parali 2	IntraState	17/06/2015	12.38	17/06/2015	17.42	PO	Insulator work.
Bhusawal-Aurangabad	IntraState	17/06/2015	17.38		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	17/06/2015	17.47		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/06/2015	18.08		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.
Dhule - Dondaicha Ckt	IntraState	16/06/2015	16:29	17/06/2015	09.56	T	Distance Protection
Osmanabad - Solapur (Bale)	IntraState	17/06/2015	09.10	17/06/2015	18.54	PO	Strenging of E/W.
Boisar Versova Line	IntraState	17/06/2015	10.37	17/06/2015	23.42	HT	Due to L/L control.
Pedambe-Pophali	IntraState	17/06/2015	11.35	17/06/2015	12.00	T	Over Voltage
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	17/06/2015	11.41	17/06/2015	14.08	PO	Q.M.Work.

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 17/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Aurangabad (Waluj)-Bhenda	IntraState	17/06/2015	17.37	17/06/2015	18.25	T	O/C,F/F Optd.
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
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	17/06/2015	09.50		Continued.	PO	C and R panel replacement.
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	17/06/2015	10.00	17/06/2015	15.50	PO	Attending problem of RTCC in presence of BBL representative.
132 KV LINE Outages/Trippings							
Morshi-Warud	IntraState	15/06/2015	22.40		Continued.	T	Distance Protection