

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jun/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.908	387.946	1) Gujrat	-4.377	-5.536
2) Hydro	22.251	39.396	2) Madhya Pradesh	16.142	42.570
3) Gas	6.645	19.978	3) Chattisgarh	6.260	12.110
Total MSPGCL	150.804	447.320	4) Maharashtra Net	106.290	312.611
B) 1) APML	57.710	173.010	5) Goa	-7.824	-22.574
2) JSWEL	16.429	49.424	6) TAPS 1&2 Injection	0.000	2.930
3) VIPL	11.980	34.907	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.530	16.780	8) Pench (MS)	0.212	0.227
5) WPCL	4.775	13.963	9) Pench (Excess)	0.000	-0.015
6) Other IPP	5.608	16.666	Total	116.491	342.096
C) 1) TPCL Thermal	19.797	49.030	a) Mumbai Schedule	29.114	88.250
2) TPCL Hydro	4.118	14.238	b) Mumbai Drawl	27.821	92.551
3) TPCL Gas	2.596	8.222	c) MSEDCL Bilateral *	27.206	81.274
4) R-INFRA Thermal	12.396	36.848	Include PX	-0.145	-0.065
D) STATE			d) Mumbai Bilateral *	29.114	88.250
1) Thermal	256.133	778.574	Include PX	1.662	4.452
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	26.369	53.634	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.241	28.200	1) MSEDCL	358.686	1069.166
4) Wind	15.962	63.823	2) Mumbai Discoms	66.732	200.890
6) SOLAR	1.218	3.713	TOTAL STATE	425.418	1270.056
TOTAL STATE	308.923	927.944			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5031	4923	5207	5041
MSPGCL Hydro	2061	2104	508	72
MSPGCL Gas	274	275	275	283
MSPGCL Total Generation	7366	7302	5990	5396
Central Sector Receipt	5254	5581	4770	4442
WIND	135	358	1086	980
CPP / IPP	4352	4323	4378	3853
SOLAR	153	110	0	0
Exchange with Mumbai	-1336	-1388	-1279	-660
MSEDCL DEMAND MET	15924	16286	14945	14011
Load Shedding	51	43	48	45
MSEDCL DEMAND	15975	16329	14993	14056
TPCL GENERATION	1266	1417	1021	995
R-INFRA GENERATION	514	509	516	519
MUMBAI DEMAND	3116	3314	2816	2174
STATE DEMAND MET	19040	19600	17761	16185
STATE DEMAND	19091	19643	17809	16230
Frequency (Hz)	50.00	49.93	49.96	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.04 Hrs	49.75 Hz at 12.18 Hrs	49.97	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 03/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.52	10.18	155	52
Unit 6	0.00	0.00	0	0
Unit 7	0.00	5.06	0	0
Total	3.52	15.23		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.15	32.05	500	375
Unit 5	2.96	23.63	405	0
Total	14.11	55.68		
Parli				
Unit 3	3.42	10.60	152	132
Unit 4	0.00	0.00	0	0
Unit 5	3.55	10.67	152	140
Unit 6	5.12	15.22	250	179
Unit 7	5.53	16.55	248	187
Total	17.63	53.04		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.48	7.04	153	134
Unit 3	2.81	11.71	197	0
Unit 4	4.31	12.78	185	167
Unit 5	9.76	29.32	427	370
Unit 6	9.59	28.46	415	365
Unit 7	7.65	24.92	389	279
Total	37.59	114.23		
Paras				
Unit 3	4.82	15.60	250	0
Unit 4	5.67	16.10	250	198
Total	10.49	31.70		
Khaparkheda				
Unit 1	3.54	11.09	160	140
Unit 2	3.18	10.62	150	120
Unit 3	3.83	12.11	170	145
Unit 4	3.76	11.34	171	140
Unit 5	10.35	31.39	500	370
Total	24.65	76.55		
Nasik				
Unit 3	4.70	14.00	205	185
Unit 4	4.59	13.77	201	182
Unit 5	4.63	13.72	198	184
Total	13.92	41.50		
Uran				
All Units	6.64	19.98	284	273
Total	6.64	19.98		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.21	0.23	49	0
Total	0.21	0.23		
Koyna				
Stage 1-2	6.04	12.22	565	40
Stage 4	9.42	12.72	1041	0
Stage 3	3.32	5.50	320	0
Total	18.77	30.44		
Hydro				
KDPH	0.35	1.04	15	14
VTRNA	0.74	2.46	61	0
TILLARI	0.25	0.88	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.68	80	0
RNGR+BHTSA	0.22	0.67	10	9
BHANDARDRA	0.17	0.53	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	0.61	10	8
GHATGHAR	1.28	2.09	125	0
Total	3.48	8.96		
Wind				
Total	15.96	63.82	0	0
Total	15.96	63.82		
CPP				
APML(Mus)	57.71	173.01	0	0
JSWEL(Mus)	16.43	49.42	0	0
VIPL(Mus)	11.98	34.91	0	0
RPLAMT(Mus)	5.53	16.78	0	0
WPCL(Mus)	4.78	13.96	0	0
Other(Mus)	5.61	16.67	0	0
Total	102.03	304.75		
SOLAR				
Total	1.22	3.71	0	0
Total	1.22	3.71		
Tata				
Trombay 5	11.36	23.39	490	441
Trombay 6	3.64	9.30	152	151
Trombay 7A	1.44	4.65	60	60
Trombay 7B	1.16	3.57	49	48
Trombay 8	4.80	16.34	248	0
TATA Hydro	4.12	14.24	435	0
Total	26.51	71.49		
R-INFRA				
1-2	12.40	36.85	519	509
Total	12.40	36.85		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.91	387.95
MSPGCL Thml+Gas	128.55	407.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.25	39.40
MSPGCL Total	150.80	447.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	15.46	24.94
State Total	308.92	927.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5125	295	280	5700	1007	4149	0	4593	4674	-1166	14364	66	14430	2677	17107	49.96
2	5284	106	282	5672	1085	4081	0	4381	4602	-902	14538	45	14583	2482	17065	49.96
3	5069	72	281	5422	1064	3973	0	4379	4775	-791	14443	45	14488	2347	16835	49.95
4	5036	72	282	5390	980	3947	0	4353	4623	-724	14216	45	14261	2244	16505	50.00
5	5041	72	283	5396	980	3853	0	4305	4442	-660	14011	45	14056	2174	16230	49.94
6	5139	72	284	5495	713	3798	0	4300	4699	-660	14045	49	14094	2170	16264	50.00
7	5363	151	283	5797	465	4127	2	4307	4736	-614	14513	50	14563	2119	16682	49.99
8	5476	373	277	6126	241	4337	32	4327	4652	-736	14652	50	14702	2244	16946	50.01
9	5007	1155	274	6436	235	4345	83	4526	5086	-973	15212	53	15265	2500	17765	50.01
10	5004	1565	274	6843	189	4336	120	4749	5079	-1214	15353	53	15406	2891	18297	49.96
11	5031	2061	274	7366	135	4352	153	5226	5254	-1336	15924	51	15975	3116	19091	50.00
12	5018	2142	273	7433	107	4332	168	5296	5194	-1434	15800	49	15849	3215	19064	49.93
13	4960	1838	273	7071	117	4393	167	5238	5365	-1438	15675	50	15725	3259	18984	49.92
14	4936	1938	275	7149	211	4274	153	5146	5150	-1417	15520	48	15568	3198	18766	49.94
15	4972	2006	275	7253	259	4379	138	5237	5496	-1519	16006	44	16050	3298	19348	49.91
16	4923	2104	275	7302	358	4323	110	5276	5581	-1388	16286	43	16329	3314	19643	49.93
17	4866	2045	275	7186	636	4357	58	4834	5037	-1410	15864	43	15907	3285	19192	49.97
18	4878	1075	274	6227	658	4350	30	4418	4736	-1489	14512	43	14555	3152	17707	50.04
19	4910	620	276	5806	913	4349	4	4007	3960	-1382	13650	43	13693	2916	16609	50.00
20	5069	820	276	6165	933	4381	0	4412	4572	-1251	14800	48	14848	2901	17749	49.93
21	5207	508	275	5990	1086	4378	0	4543	4770	-1279	14945	48	14993	2816	17809	49.96
22	5186	176	275	5637	1217	4378	0	4559	4576	-1332	14476	48	14524	2764	17288	50.00
23	5210	181	275	5666	1237	4411	0	4559	4804	-1384	14734	48	14782	2790	17572	49.94
24	5198	804	274	6276	1136	4429	0	4518	4630	-1322	15149	48	15197	2856	18053	49.93
MUs	121.91	22.25	6.65	150.80	15.96	102.03	1.22	111.49	116.49	-27.82	358.69	1.15	359.84	66.73	426.57	49.97

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 03/Jun/2015

Position as on 6.30 Hrs of 04/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	
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	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	
CPP	WPCL U-1	135	01/06/2015	00.00		Continued.	ESP bag filter puring header heavy Leakage.	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
CENT.SECTOR	Tarapur 2	160	01/06/2015	22.42		Continued.	Primary system Leakage.	
MSPGCL	Koradi Unit 7	210	02/06/2015	11.05		Continued.	Leakage at Chimany base.	
MSPGCL	Chandrapur Unit 3	210	03/06/2015	07.36	03/06/2015	15.13	Gas pressure problem.	
MSPGCL	Bhusawal Unit 5	500	03/06/2015	08.01		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	03/06/2015	15.48	03/06/2015	18.26	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jun/2015

Position as on 6.30 Hrs of 04/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC_G	Trombay 8	250	03/06/2015	20.05		Continued.	Steam leakage in boiler bottom header.	
MSPGCL	Chandrapur Unit 5	500	04/06/2015	01.01	04/06/2015	05.25	Loss of fuel	
MSPGCL	Chandrapur Unit 5	500	04/06/2015	06.02		Continued.	Hydrogen cold gas temp.high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 04/Jun/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	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
Koradi-III - Akola-II ckt-I	IntraState	02/06/2015	15.08	03/06/2015	07.35	T	Distance Protection
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa I	InterState	02/06/2015	18.02	03/06/2015	07.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/06/2015	18.02	04/06/2015	06.52	HT	Over Voltage
Kolhapur Mapusa I	InterState	03/06/2015	18.13		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	03/06/2015	14.02	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.
New Koyna - Dabhol-I	IntraState	31/05/2015	03.39		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	02/06/2015	18.30	03/06/2015	08.01	HT	Over Voltage
karad -kolhapur-II	IntraState	02/06/2015	18.35	03/06/2015	07.07	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	03/06/2015	12.36	03/06/2015	23.49	EO	String replacement.
Babhaleshwar-Taptitanda ckt-II	IntraState	03/06/2015	22.24		Continued.	HT	Padgha-BBLR L/L.
Kalwa - Talegaon(PG)	IntraState	04/06/2015	04.57		Continued.	EO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	02/06/2015	10.33	03/06/2015	17.17	PO	P.M. and Testing 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.
Kharghar - Nerul	IntraState	02/06/2015	20.27	03/06/2015	05.21	T	Dist Prot,Conductor Snap.
Kharghar - Kalwa	IntraState	03/06/2015	01.41	03/06/2015	05.07	HT	To attend conductor snap work on 220KV khargar-Nerul line.
Kharghar Trombay	IntraState	03/06/2015	01.51	03/06/2015	05.16	HT	To attend conductor snap work on 220KV khargar-Nerul line.
Koradi-Khaperkheda	IntraState	03/06/2015	05.53	03/06/2015	19.03	PO	Stringing of K'kheda(New)-Koradi II Line.
Koradi-Butibori Rly Tss	IntraState	03/06/2015	06.05	03/06/2015	19.04	PO	Stringing of K'kheda(New)-Koradi II Line.
Koradi-Ambazari-I	IntraState	03/06/2015	06.17	03/06/2015	17.48	PO	Stringing of K'kheda(New)-Koradi II Line.
Koradi-Ambazari-II	IntraState	03/06/2015	06.25	03/06/2015	17.50	PO	Stringing of K'kheda(New)-Koradi II Line.
Mahad - Pedambe	IntraState	03/06/2015	07.30	03/06/2015	18.57	PO	Bus Strenghtning work.
Chandrapur GCR - Warora - I	IntraState	03/06/2015	08.02	03/06/2015	15.46	PO	Measurement of tan delta of CT.
Pedhambe - Oni	IntraState	03/06/2015	08.19	03/06/2015	15.15	PO	Repl and restringing of conductor.
Gangapur-Valve	IntraState	03/06/2015	08.50		Continued.	PO	Restoration of missing member and strenghtning work.
Parli New Tps - Beed Ckt 2	IntraState	03/06/2015	10.00	03/06/2015	17.27	PO	Q.M.Work of bay equipments.
Wadkhal - Ndil 1	IntraState	03/06/2015	12.25	03/06/2015	19.20	PO	For safety precaution to construction work.
Chikhli-Jalna-I	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.

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 03/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 04/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chikhli-Jalna-II	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Ambazari-Abhijeet	IntraState	03/06/2015	21.11		Continued.	HT	Heavy sparking observed on Y-Ph BKR Pole at AEPL end.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.

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