

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.142	2063.953	1) Gujrat	-3.951	-16.622
2) Hydro	32.716	382.035	2) Madhya Pradesh	13.436	275.308
3) Gas	5.005	87.254	3) Chattisgarh	5.060	91.270
Total MSPGCL	160.863	2533.242	4) Maharashtra Net	86.326	1482.877
B) 1) APML	43.610	771.660	5) Goa	-7.296	-118.625
2) JSWEL	23.906	374.635	6) TAPS 1&2 Injection	3.542	61.182
3) VIPL	13.106	192.420	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.860	117.969	8) Pench (MS)	0.069	0.970
5) WPCL	2.488	45.072	9) Pench (Excess)	-0.069	-0.970
6) Other IPP	7.604	141.537	Total	97.048	1774.420
C) 1) TPCL Thermal	17.145	302.800	a) Mumbai Schedule	29.151	379.664
2) TPCL Hydro	5.836	65.133	b) Mumbai Drawl	32.598	406.509
3) TPCL Gas	2.157	39.515	c) MSEDCL Bilateral *	23.060	376.408
4) R-INFRA Thermal	6.228	191.761	Include PX	-0.233	-25.622
D) STATE			d) Mumbai Bilateral *	25.776	375.448
1) Thermal	243.089	4201.807	Include PX	0.512	5.638
(A1+C1+C4+(B1-B6))			Include Standby	3.375	4.216
2) Hydro	38.552	447.168	H) ENERGY CATERED (MUs)		
3) Gas	7.162	126.769	1) MSEDCL	327.915	5720.512
4) Wind	4.720	154.039	2) Mumbai Discoms	63.960	1005.710
6) SOLAR	1.308	21.057	TOTAL STATE	391.875	6726.222
TOTAL STATE	294.831	4950.840			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5082	5173	5227	4990
MSPGCL Hydro	1964	1504	1360	720
MSPGCL Gas	168	204	275	128
MSPGCL Total Generation	7214	6881	6862	5838
Central Sector Receipt	4442	4163	4395	3697
WIND	273	351	315	41
CPP / IPP	4147	3973	3990	4033
SOLAR	173	167	0	0
Exchange with Mumbai	-1685	-1729	-1458	-848
MSEDCL DEMAND MET	14564	13806	14104	12761
Load Shedding	584	439	54	58
MSEDCL DEMAND	15148	14245	14158	12819
TPCL GENERATION	1287	1266	1075	826
R-INFRA GENERATION	259	260	259	260
MUMBAI DEMAND	3231	3255	2810	1934
STATE DEMAND MET	17795	17061	16914	14695
STATE DEMAND	18379	17500	16968	14753
Frequency (Hz)	49.95	50.02	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 13.03 Hrs	49.77 Hz at 00.05 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 17/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.61	37.44	159	140
Unit 6	0.00	0.00	0	0
Unit 7	3.44	65.68	165	125
Total	7.05	103.12		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.28	69.08	185	170
Unit 4	12.04	169.78	510	465
Unit 5	7.92	155.52	355	265
Total	24.24	394.38		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.46	0	0
Unit 5	3.55	58.48	152	143
Unit 6	0.00	66.86	0	0
Unit 7	5.29	77.76	250	198
Total	8.84	228.56		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.14	54.38	137	125
Unit 3	4.78	77.58	207	177
Unit 4	4.52	70.47	192	183
Unit 5	10.11	143.85	435	400
Unit 6	10.06	163.00	425	407
Unit 7	9.81	159.86	447	364
Total	42.42	669.13		
Paras				
Unit 3	2.09	67.11	209	0
Unit 4	4.95	50.34	217	195
Total	7.05	117.44		
Khaparkheda				
Unit 1	4.26	71.62	190	160
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	3.96	54.06	184	151
Unit 5	11.49	189.75	500	442
Total	19.72	327.26		
Nasik				
Unit 3	4.77	78.58	210	190
Unit 4	4.52	76.43	197	169
Unit 5	4.53	69.07	193	172
Total	13.82	224.07		
Uran				
All Units	5.00	87.25	279	128
Total	5.00	87.25		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.07	0.97	26	0
Total	0.07	0.97		
Koyna				
Stage 1-2	7.82	99.32	550	45
Stage 4	16.72	148.60	1056	220
Stage 3	4.61	53.39	320	0
Total	29.16	301.31		
Hydro				
KDPH	0.43	9.86	19	17
VTRNA	1.20	17.92	61	0
TILLARI	0.26	6.05	64	0
BHTGR/VEER	0.05	0.94	2	2
BHIRA T.R.	0.30	3.52	80	0
RNGR+BHTSA	0.27	4.16	12	11
BHANDARDRA	0.00	7.28	0	0
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.04	16.50	51	40
GHATGHAR	0.00	13.79	0	0
Total	3.56	80.72		
Wind				
Total	4.72	154.04	0	0
Total	4.72	154.04		
CPP				
APML(Mus)	43.61	771.66	0	0
JSWEL(Mus)	23.91	374.64	0	0
VIPL(Mus)	13.11	192.42	0	0
RPLAMT(Mus)	5.86	117.97	0	0
WPCL(Mus)	2.49	45.07	0	0
Other(Mus)	7.60	141.54	0	0
Total	96.57	1643.29		
SOLAR				
Total	1.31	21.06	0	0
Total	1.31	21.06		
Tata				
Trombay 5	11.14	184.10	489	431
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.19	21.98	50	49
Trombay 7B	0.96	17.54	41	39
Trombay 8	6.00	98.78	253	247
TATA Hydro	5.84	65.13	459	0
Total	25.14	407.45		
R-INFRA				
1-2	6.23	191.76	261	258
Total	6.23	191.76		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.14	2063.95
MSPGCL Thml+Gas	128.15	2151.21

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	32.72	382.04
MSPGCL Total	160.86	2533.24

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	24.54	247.92
State Total	294.83	4950.84

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 17/Apr/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	4963	1411	147	6521	64	3968	0	4118	4074	-1325	13302	61	13363	2426	15789	49.93
2	4940	1380	148	6468	47	4024	0	4030	3689	-1123	13105	58	13163	2201	15364	49.97
3	4898	1072	148	6118	66	3967	0	4038	3830	-1022	12959	58	13017	2063	15080	49.98
4	4926	913	149	5988	61	4025	0	4043	3567	-880	12761	58	12819	1968	14787	50.04
5	4990	720	128	5838	41	4033	0	4040	3697	-848	12761	58	12819	1934	14753	49.97
6	5043	983	179	6205	60	4023	0	4040	3871	-893	13266	66	13332	1980	15312	49.90
7	5057	1598	174	6829	57	3964	6	4067	4004	-911	13949	89	14038	2032	16070	50.01
8	5055	1893	173	7121	60	4116	37	4111	4204	-958	14580	97	14677	2158	16835	49.99
9	5083	1994	168	7245	24	3917	81	4229	4036	-1171	14132	176	14308	2470	16778	49.95
10	5054	2150	164	7368	38	4102	114	4254	4285	-1363	14544	318	14862	2860	17722	49.89
11	5069	2171	165	7405	98	4250	168	4414	4477	-1594	14804	413	15217	3135	18352	49.87
12	5082	1964	168	7214	273	4147	173	4625	4442	-1685	14564	584	15148	3231	18379	49.95
13	5173	1504	204	6881	351	3973	167	4549	4163	-1729	13806	439	14245	3255	17500	50.02
14	5287	1158	204	6649	313	3952	176	4440	4202	-1653	13639	149	13788	3130	16918	50.07
15	5352	1187	204	6743	315	3936	161	4333	4246	-1674	13727	86	13813	3170	16983	49.98
16	5322	1553	279	7154	323	4002	152	4302	4112	-1718	14025	59	14084	3201	17285	50.00
17	5288	1367	278	6933	301	3975	35	4253	3925	-1667	13502	69	13571	3148	16719	50.01
18	5266	477	274	6017	353	4069	33	3939	3696	-1605	12563	61	12624	3017	15641	50.04
19	5209	720	274	6203	335	3950	5	3367	3579	-1573	12499	62	12561	2897	15458	50.01
20	5231	1238	274	6743	327	3999	0	4192	4263	-1492	13840	61	13901	2926	16827	49.97
21	5227	1360	275	6862	315	3990	0	4324	4395	-1458	14104	54	14158	2792	16950	49.98
22	5201	1041	275	6517	329	4152	0	4315	4008	-1412	13594	50	13644	2688	16332	50.00
23	5222	1336	276	6834	258	3969	0	4087	4232	-1438	13855	38	13893	2648	16541	49.99
24	5204	1526	277	7007	311	4071	0	3991	4051	-1406	14034	38	14072	2634	16706	50.00
MUs	123.14	32.72	5.01	160.86	4.72	96.57	1.31	100.10	97.05	-32.60	327.91	3.20	331.12	63.96	395.08	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 17/Apr/2015

Position as on 6.30 Hrs of 18/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		Continued.	Annual Overhaul	
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	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
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	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
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.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39	17/04/2015	04.18	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. 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.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	
IPP	WPCL U-3	135	11/04/2015	23.56		Continued.	ID Fan Vibration Problem.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Paras Unit 3	250	14/04/2015	10.53	17/04/2015	12.08	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Apr/2015

Position as on 6.30 Hrs of 18/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	14/04/2015	16.10	18/04/2015	04.08	PA Fan problem	
MSPGCL	Parli Unit 6	250	15/04/2015	18.00		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 1	250	16/04/2015	14.55		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Uran Unit 7	108	17/04/2015	00.17	17/04/2015	04.18	CTO Temp. High.	
MSPGCL	Koyana STG- IV Unit - 1	250	17/04/2015	05.55		Continued.	turbine guide bearing temp.high	

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

Statement-VII

Position as on 6.30 Hrs of 18/Apr/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)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57	17/04/2015	10.37	HT	Over Voltage
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Parli (PG) - Talegaon(PG)- I	InterState	16/04/2015	12.10		Continued.	PO	Tower leg bending work
Parli (PG) - Talegaon(PG)- II	InterState	16/04/2015	12.30		Continued.	PO	Tower leg bending work
Kolhapur Mapusa I	InterState	16/04/2015	17.35	17/04/2015	07.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/04/2015	18.10	17/04/2015	07.21	HT	Over Voltage
Dabhol Nagothane I	InterState	16/04/2015	19.52	17/04/2015	11.55	T	Distance Protection
Wardha (Pg) Warora I	InterState	17/04/2015	09.23	18/04/2015	01.21	PO	Crossing work Of 765kv Raipur-Wardha D/C By PGCIL.
Wardha (PG)-Warora II	InterState	17/04/2015	09.33	18/04/2015	01.30	PO	Crossing work Of 765kv Raipur-Wardha D/C By PGCIL.
Kolhapur Mapusa I	InterState	17/04/2015	17.11		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/04/2015	04.47		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLASHWER - PADGHA
karad -kolhapur-II	IntraState	16/04/2015	16.33	17/04/2015	08.57	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/04/2015	16.58	17/04/2015	08.53	T	Distance Protection
Bhusawal-Aurangabad	IntraState	16/04/2015	18.02	17/04/2015	07.47	HT	Over Voltage
karad -kolhapur-II	IntraState	17/04/2015	16.16		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/04/2015	16.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/04/2015	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	17/04/2015	10.20	17/04/2015	19.06	PO	PT Replacement work
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	17/04/2015	18.16		Continued.	T	Tripped On PRV
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2015	18.23		Continued.	HT	From Nashik end to Control Bus section Loading.
Talandage - Chikodi	InterState	18/04/2015	05.58		Continued.	HT	Construction Work of 765kv Kudgi -kolhapur D/C Line by PGCIL.
Mudshingi - Chikodi	InterState	18/04/2015	05.58		Continued.	HT	Construction Work of 765kv Kudgi -kolhapur D/C Line by PGCIL.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
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.
Uran - Apta 2	IntraState	13/04/2015	09.45		Continued.	PO	Breaker O/H work.Ckt on TBC.
Chakan-Bhosari	IntraState	16/04/2015	22.40	17/04/2015	01.04	PO	Attending Hot Spot
Kharghar - Nerul	IntraState	17/04/2015	05.36	17/04/2015	08.42	PO	Attending Hot Spot
Adlabs - Pedambe	IntraState	17/04/2015	07.00	17/04/2015	20.20	PO	P.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/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 18/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mahad - Pedambe	IntraState	17/04/2015	07.52	17/04/2015	10.05	T	Distance Protection
Apta - Taloja	IntraState	17/04/2015	08.05		Continued.	PO	CKT on TBC Breaker O/H Work.
Nerul - Sonkhar	IntraState	17/04/2015	09.01	17/04/2015	13.47	PO	Replacement of Insulator to Breaker Jumper.
Padghe - Jambhul 1	IntraState	17/04/2015	09.28	17/04/2015	17.26	PO	Attending Hot Spot
Dhule - Malegaon	IntraState	18/04/2015	06.15		Continued.	HT	Construction Work Erection of Tower.
Chalisgaon-Malegaon	IntraState	18/04/2015	06.16		Continued.	HT	Construction Work Erection of Tower.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	16/04/2015	12.33		Continued.	PO	Replacement work
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	17/04/2015	08.35	17/04/2015	19.50	PO	Attending Oil Leakage
220/100 kv 200 MVA ICT II @Padghe	IntraState	17/04/2015	09.55		Continued.	PO	Attending Oil Leakage

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