

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Apr/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.637	471.663	1) Gujrat	-0.558	-3.186
2) Hydro	26.494	73.774	2) Madhya Pradesh	19.727	71.660
3) Gas	5.537	28.461	3) Chattisgarh	5.370	21.280
Total MSPGCL	142.668	573.898	4) Maharashtra Net	80.012	330.334
B) 1) APML	47.790	197.100	5) Goa	-6.259	-25.458
2) JSWEL	21.824	86.591	6) TAPS 1&2 Injection	3.619	14.439
3) VIPL	9.581	40.236	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	9.390	50.370	8) Pench (MS)	0.085	0.176
5) WPCL	2.718	10.954	9) Pench (Excess)	-0.085	-0.176
6) Other IPP	8.995	36.544	Total	101.826	408.893
C) 1) TPCL Thermal	19.593	77.230	a) Mumbai Schedule	19.911	82.221
2) TPCL Hydro	2.079	11.091	b) Mumbai Drawl	22.671	90.979
3) TPCL Gas	2.332	10.685	c) MSEDCL Bilateral *	20.447	87.021
4) R-INFRA Thermal	11.473	45.063	Include PX	-5.087	-15.102
D) STATE			d) Mumbai Bilateral *	19.911	82.221
1) Thermal	242.001	1015.751	Include PX	0.000	1.066
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	28.573	84.865	H) ENERGY CATERED (MUs)		
3) Gas	7.869	39.146	1) MSEDCL	342.473	1381.786
4) Wind	18.838	62.301	2) Mumbai Discoms	58.148	235.047
6) SOLAR	1.514	5.702	TOTAL STATE	400.621	1616.833
TOTAL STATE	298.795	1207.765			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4478	4490	4544	4746
MSPGCL Hydro	2187	2269	1720	259
MSPGCL Gas	266	270	145	297
MSPGCL Total Generation	6931	7029	6409	5302
Central Sector Receipt	4961	4749	4440	3883
WIND	596	652	620	720
CPP / IPP	4055	4030	4033	4317
SOLAR	207	216	0	0
Exchange with Mumbai	-1189	-1130	-1125	-675
MSEDCL DEMAND MET	15561	15546	14377	13547
Load Shedding	46	47	42	43
MSEDCL DEMAND	15607	15593	14419	13590
TPCL GENERATION	1154	1208	1104	770
R-INFRA GENERATION	517	517	518	380
MUMBAI DEMAND	2860	2855	2767	1825
STATE DEMAND MET	18421	18401	17144	15372
STATE DEMAND	18467	18448	17186	15415
Frequency (Hz)	49.96	49.98	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 02.03 Hrs	49.72 Hz at 23.05 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 04/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.30	3.75	168	112
Unit 6	0.00	0.00	0	0
Unit 7	4.15	16.05	181	155
Total	7.44	19.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.03	16.38	175	160
Unit 4	0.57	29.24	230	0
Unit 5	8.70	38.60	390	280
Total	13.30	84.22		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.25	0	0
Unit 5	3.53	14.03	155	137
Unit 6	4.61	18.39	201	189
Unit 7	4.56	18.90	191	185
Total	12.70	60.57		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.22	13.14	142	125
Unit 3	4.35	17.19	204	165
Unit 4	4.21	16.87	195	160
Unit 5	9.41	38.07	435	355
Unit 6	9.27	37.23	420	360
Unit 7	9.38	34.52	437	360
Total	39.83	157.02		
Paras				
Unit 3	4.91	19.97	222	195
Unit 4	0.00	0.00	0	0
Total	4.91	19.97		
Khaparkheda				
Unit 1	4.34	16.53	200	160
Unit 2	0.00	0.44	0	0
Unit 3	0.15	11.38	70	0
Unit 4	4.28	11.28	186	146
Unit 5	10.53	42.44	500	410
Total	19.30	82.07		
Nasik				
Unit 3	4.44	18.14	190	180
Unit 4	4.38	17.88	188	175
Unit 5	4.34	12.01	187	172
Total	13.16	48.03		
Uran				
All Units	5.54	28.46	301	142
Total	5.54	28.46		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.08	0.18	27	0
Total	0.08	0.18		
Koyna				
Stage 1-2	6.02	18.89	520	40
Stage 4	11.30	23.50	1120	0
Stage 3	3.55	9.29	240	0
Total	20.86	51.68		
Hydro				
KDPH	0.58	3.23	37	18
VTRNA	1.16	4.75	61	0
TILLARI	0.37	1.50	63	0
BHTGR/VEER	0.06	0.24	3	2
BHIRA T.R.	0.13	0.70	40	0
RNGR+BHTSA	0.24	0.54	13	0
BHANDARDRA	0.47	1.97	45	11
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.02	3.78	43	42
GHATGHAR	1.60	4.67	250	0
Total	5.63	22.09		
Wind				
Total	18.84	62.30	0	0
Total	18.84	62.30		
CPP				
APML(Mus)	47.79	197.10	0	0
JSWEL(Mus)	21.82	86.59	0	0
VIPL(Mus)	9.58	40.24	0	0
RPLAMT(Mus)	9.39	50.37	0	0
WPCL(Mus)	2.72	10.95	0	0
Other(Mus)	9.00	36.54	0	0
Total	100.30	421.80		
SOLAR				
Total	1.51	5.70	0	0
Total	1.51	5.70		
Tata				
Trombay 5	10.44	40.82	493	312
Trombay 6	3.50	14.03	147	145
Trombay 7A	1.29	6.00	60	49
Trombay 7B	1.04	4.68	48	40
Trombay 8	5.65	22.38	251	200
TATA Hydro	2.08	11.09	270	0
Total	24.00	99.01		
R-INFRA				
1-2	11.47	45.06	519	379
Total	11.47	45.06		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.64	471.66
MSPGCL Thml+Gas	116.17	500.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	26.49	73.77
MSPGCL Total	142.67	573.90

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	17.32	42.39
State Total	298.80	1207.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Apr/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	4496	1005	293	5794	981	4308	0	3826	4197	-1089	14191	60	14251	2245	16496	50.01
2	4468	465	295	5228	940	4363	0	3622	4019	-914	13636	43	13679	2061	15740	50.05
3	4654	310	296	5260	852	4186	0	3622	4013	-793	13518	43	13561	1942	15503	50.07
4	4760	243	298	5301	868	4391	0	3622	3912	-714	13758	43	13801	1859	15660	50.09
5	4746	259	297	5302	720	4317	0	3627	3883	-675	13547	43	13590	1825	15415	50.00
6	4767	416	299	5482	760	4339	0	3997	4276	-733	14124	46	14170	1881	16051	49.99
7	4809	619	301	5729	827	4379	11	4154	4663	-736	14873	47	14920	1918	16838	50.01
8	4816	246	301	5363	735	4602	32	4170	4475	-548	14659	47	14706	1992	16698	50.02
9	4810	385	289	5484	820	4578	80	4421	4524	-723	14763	47	14810	2252	17062	50.00
10	4624	783	281	5688	694	4490	153	4559	4664	-942	14747	46	14793	2525	17318	49.97
11	4493	1662	274	6429	584	4218	178	4560	4987	-1104	15292	46	15338	2803	18141	49.90
12	4478	2187	266	6931	596	4055	207	4732	4961	-1189	15561	46	15607	2860	18467	49.96
13	4490	2269	270	7029	652	4030	216	4646	4749	-1130	15546	47	15593	2855	18448	49.98
14	4528	1539	251	6318	796	4004	193	4562	4918	-1061	15168	42	15210	2753	17963	49.96
15	4492	1537	217	6246	953	4011	180	4542	4762	-1031	15121	39	15160	2798	17958	49.90
16	4488	1658	147	6293	1058	4028	143	4534	4841	-1042	15321	39	15360	2807	18167	49.96
17	4495	1475	150	6120	1171	3972	88	4389	4575	-1094	14832	41	14873	2768	17641	49.99
18	4519	1092	152	5763	1037	4003	29	3044	2962	-1049	12745	41	12786	2666	15452	49.98
19	4509	1223	145	5877	663	4022	4	2958	2923	-1035	12454	40	12494	2612	15106	49.96
20	4544	1720	145	6409	620	4033	0	4117	4440	-1125	14377	42	14419	2767	17186	49.94
21	4545	1444	142	6131	644	3973	0	4071	4315	-1106	13957	42	13999	2670	16669	49.95
22	4670	1091	142	5903	607	3955	0	3728	4067	-1005	13527	42	13569	2498	16067	50.00
23	4677	1291	143	6111	669	4072	0	3626	3315	-935	13232	42	13274	2454	15728	49.89
24	4759	1575	143	6477	591	3969	0	3563	3386	-898	13525	42	13567	2422	15989	49.91
MUs	110.64	26.49	5.54	142.67	18.84	100.30	1.51	96.69	101.83	-22.67	342.47	1.06	343.53	58.23	401.76	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 04/Apr/2015

Position as on 6.30 Hrs of 05/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	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkhedha 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-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
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	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-2	250	03/04/2015	11.30	04/04/2015	03.40	Maintenance work	
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	Bhusawal Unit 4	500	03/04/2015	21.00	04/04/2015	20.38	Attending leakage of Deareater of Flush Tank line.	
MSPGCL	Parli Unit 4	210	03/04/2015	22.10		Continued.	Condenser Tube Leakage Withdrawn.	
MSPGCL	Khaparkhedha Unit 3	210	04/04/2015	00.12	04/04/2015	20.28	Gland Steam Temp.Pressure High.	
IPP	Adani U-3	660	04/04/2015	02.12		Continued.	Due to Main Steam drain line leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Apr/2015

Position as on 6.30 Hrs of 05/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39		Continued.	Gas shortage	
CENT.SECTOR	TARAPUR-3	540	04/04/2015	20.15		Continued.	Reheater Problem	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
MSPGCL	Khaparkheda Unit 4	210	05/04/2015	21.18		Continued.	Fire at HP turbine side.	
MSPGCL	Koradi Unit 5	200	05/04/2015	21.27		Continued.	L.T.Board Supply Fail.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 05/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) I	InterState	04/04/2015	22.35	05/04/2015	08.38	HT	To Control Overload of 400kv A'bad. A'bad CKT II.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	03/04/2015	17.18	04/04/2015	08.09	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/04/2015	18.02	04/04/2015	07.38	T	Over Voltage
Kolhapur Mapusa I	InterState	04/04/2015	12.41	04/04/2015	12.50	T	Breaker Tripped of Mapusa End Only.
Dhule Sar'Sarovar I	InterState	04/04/2015	18.17	04/04/2015	19.47	HT	Over Voltage
Waluj Aurangabad(PG)- I	InterState	04/04/2015	22.44	05/04/2015	08.02	PO	Attending Main Breaker Problem at A'bad end.
Dhule Sar'Sarovar II	InterState	05/04/2015	14.17		Continued.	PO	To attend hot spot at SSP end.
Kolhapur Mapusa I	InterState	05/04/2015	16.40		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/04/2015	16.36	04/04/2015	07.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/04/2015	16.50	04/04/2015	09.00	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/04/2015	21.11	04/04/2015	06.26	HT	Over Voltage
Chandrapur II - Chandrapur I Ckt-II	IntraState	04/04/2015	11.30	04/04/2015	14.02	EO	Broken jumper replacement work
Akola - Bhusawal	IntraState	04/04/2015	15.28	04/04/2015	20.27	PO	Testing Work
karad -kolhapur-II	IntraState	04/04/2015	16.43	05/04/2015	06.33	HT	Over Voltage
karad -kolhapur-I	IntraState	04/04/2015	17.17	05/04/2015	08.54	T	Distance Protection R-Ph zone II.
Karad-Jaigad - I	IntraState	04/04/2015	19.41	05/04/2015	09.58	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/04/2015	20.30	04/04/2015	22.50	HT	Over Voltage
karad -kolhapur-II	IntraState	05/04/2015	16.11		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/04/2015	16.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/04/2015	18.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2015	21.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	03/04/2015	10.57		Continued.	PO	Attending Oil Leakages of ICT
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	05/04/2015	06.56	05/04/2015	22.55	PO	Repl of Y-Ph Tert bushing,oil filtration work.
220 KV LINE Outages/Trippings							
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03	05/04/2015	16.48	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).open at location 14 b
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
Kharepatan -Pawas Line	IntraState	04/04/2015	09.05	04/04/2015	18.16	PO	Insulator Cleaning Work.
New Koyna - Loteparshuram	IntraState	04/04/2015	10.55	04/04/2015	19.06	PO	Control Cable replacement work.
Wadkhal - Ndil3	IntraState	04/04/2015	11.30	04/04/2015	20.40	PO	Line Maintenance work
Malegaon-Satana	IntraState	04/04/2015	13.28	04/04/2015	16.14	PO	Capacitance and Tan Delta Measurment of CC
Chandrapur Gcr - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86

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 04/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 05/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chandrapur Gcr - Wani	IntraState	05/04/2015	09.15	05/04/2015	Continued.	PO	Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
							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	05/04/2015	09.30	05/04/2015	14.01	PO	CT Oil leakage.
Kalwa-Salsette-IV	IntraState	05/04/2015	23.30		Continued.	PO	Relay testing by TATA.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 200 Mva Vijay Ict 1 @Malegaon	IntraState	04/04/2015	09.15	04/04/2015	14.33	PO	Tan Delta Measurment of CTs
220/100 Kv 200 Mva Vijai Ict 1 @Borivali	IntraState	05/04/2015	09.30	05/04/2015	18.10	PO	LV Side B-Ph CT Oil leakage.
132 KV LINE Outages/Trippings							
Nagar -Khandke Line	IntraState	04/04/2015	13.05	04/04/2015	15.23	PO	Routine Maintenance Work

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