

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.008	361.026	1) Gujrat	0.730	-2.628
2) Hydro	15.711	47.280	2) Madhya Pradesh	18.607	51.933
3) Gas	6.960	22.924	3) Chattisgarh	5.730	15.910
Total MSPGCL	138.679	431.230	4) Maharashtra Net	80.740	250.322
B) 1) APLM	49.830	149.310	5) Goa	-6.070	-19.199
2) JSWEL	21.233	64.767	6) TAPS 1&2 Injection	3.634	10.820
3) VIPL	9.205	30.655	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	11.890	40.980	8) Pench (MS)	0.034	0.091
5) WPCL	2.754	8.236	9) Pench (Excess)	-0.034	-0.091
6) Other IPP	9.220	27.549	Total	103.337	307.067
C) 1) TPCL Thermal	18.878	57.637	a) Mumbai Schedule	20.197	62.310
2) TPCL Hydro	2.651	9.012	b) Mumbai Drawl	22.711	68.308
3) TPCL Gas	2.575	8.353	c) MSEDCL Bilateral *	21.709	66.575
4) R-INFRA Thermal	10.704	33.590	Include PX	-2.439	-10.015
D) STATE			d) Mumbai Bilateral *	20.197	62.310
1) Thermal	249.722	773.750	Include PX	0.028	1.066
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	18.362	56.292	H) ENERGY CATERED (MUs)		
3) Gas	9.535	31.277	1) MSEDCL	343.646	1039.228
4) Wind	18.854	43.463	2) Mumbai Discoms	57.518	176.899
6) SOLAR	1.355	4.188	TOTAL STATE	401.164	1216.127
TOTAL STATE	297.828	908.970			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4905	4869	4817	4849
MSPGCL Hydro	1199	1002	1300	209
MSPGCL Gas	283	284	288	297
MSPGCL Total Generation	6387	6155	6405	5355
Central Sector Receipt	5051	4548	3967	3851
WIND	442	598	694	1139
CPP / IPP	4644	4505	4200	4029
SOLAR	153	181	0	0
Exchange with Mumbai	-1005	-1036	-1013	-732
MSEDCL DEMAND MET	15672	14951	14253	13642
Load Shedding	53	72	61	47
MSEDCL DEMAND	15725	15023	14314	13689
TPCL GENERATION	1210	1230	1309	768
R-INFRA GENERATION	517	520	382	378
MUMBAI DEMAND	2732	2786	2728	1878
STATE DEMAND MET	18404	17737	16981	15520
STATE DEMAND	18457	17809	17042	15567
Frequency (Hz)	49.96	49.98	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 05.59 Hrs	49.56 Hz at 19.17 Hrs	50.01	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/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.45	0.45	91	0
Unit 6	0.00	0.00	0	0
Unit 7	3.84	11.90	175	150
Total	4.29	12.35		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	12.35	180	155
Unit 4	7.96	28.68	390	0
Unit 5	9.21	29.90	395	370
Total	21.18	70.92		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	2.80	9.25	140	0
Unit 5	3.47	10.50	149	140
Unit 6	4.60	13.78	199	189
Unit 7	4.59	14.34	202	187
Total	15.46	47.87		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.33	9.92	141	134
Unit 3	4.09	12.84	197	160
Unit 4	4.06	12.66	174	165
Unit 5	9.34	28.67	450	375
Unit 6	9.07	27.97	415	355
Unit 7	8.92	25.14	382	347
Total	38.81	117.19		
Paras				
Unit 3	4.76	15.06	218	180
Unit 4	0.00	0.00	0	0
Total	4.76	15.06		
Khaparkheda				
Unit 1	4.30	12.19	190	155
Unit 2	0.00	0.44	0	0
Unit 3	2.88	11.23	210	0
Unit 4	0.26	7.00	120	0
Unit 5	11.01	31.91	505	410
Total	18.45	62.77		
Nasik				
Unit 3	4.40	13.70	200	175
Unit 4	4.42	13.50	194	178
Unit 5	4.24	7.67	184	167
Total	13.07	34.86		
Uran				
All Units	6.96	22.92	299	279
Total	6.96	22.92		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	0.09	24	0
Total	0.03	0.09		
Koyna				
Stage 1-2	4.08	12.87	505	40
Stage 4	4.34	12.20	560	0
Stage 3	1.85	5.75	160	0
Total	10.26	30.82		
Hydro				
KDPH	0.88	2.64	37	36
VTRNA	1.28	3.59	61	0
TILLARI	0.38	1.13	64	0
BHTGR/VEER	0.06	0.18	3	2
BHIRA T.R.	0.28	0.57	40	0
RNGR+BHTSA	0.30	0.30	13	12
BHANDARDRA	0.47	1.50	45	11
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.02	2.76	43	42
GHATGHAR	0.79	3.07	250	0
Total	5.45	16.46		
Wind				
Total	18.85	43.46	0	0
Total	18.85	43.46		
CPP				
APML(Mus)	49.83	149.31	0	0
JSWEL(Mus)	21.23	64.77	0	0
VIPL(Mus)	9.20	30.66	0	0
RPLAMT(Mus)	11.89	40.98	0	0
WPCL(Mus)	2.75	8.24	0	0
Other(Mus)	9.22	27.55	0	0
Total	104.13	321.50		
SOLAR				
Total	1.36	4.19	0	0
Total	1.36	4.19		
Tata				
Trombay 5	9.85	30.38	492	312
Trombay 6	3.51	10.53	147	146
Trombay 7A	1.43	4.71	60	59
Trombay 7B	1.14	3.64	49	47
Trombay 8	5.52	16.73	252	200
TATA Hydro	2.65	9.01	332	0
Total	24.10	75.00		
R-INFRA				
1-2	10.70	33.59	520	378
Total	10.70	33.59		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.01	361.03
MSPGCL Thml+Gas	122.97	383.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	15.71	47.28
MSPGCL Total	138.68	431.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	8.41	25.07
State Total	297.83	908.97

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4876	382	298	5556	1062	4426	0	4030	4276	-1124	14196	61	14257	2278	16535	50.01
2	4825	204	297	5326	1133	4303	0	3916	4309	-944	14127	45	14172	2095	16267	50.06
3	4828	204	298	5330	1175	4089	0	3823	4254	-811	14037	47	14084	1960	16044	50.07
4	4849	209	297	5355	1139	4029	0	3653	3851	-732	13642	47	13689	1878	15567	50.03
5	4853	249	299	5401	1052	4006	0	3498	3941	-694	13706	49	13755	1843	15598	50.07
6	4901	234	299	5434	1003	4351	0	4091	3923	-738	13973	72	14045	1888	15933	50.12
7	4861	296	299	5456	979	4679	0	4139	4712	-757	15069	98	15167	1906	17073	50.14
8	5075	505	299	5879	715	4605	28	4165	4893	-658	15462	98	15560	1959	17519	50.06
9	5079	607	287	5973	517	4699	81	4314	4435	-702	15003	87	15090	2208	17298	50.03
10	5107	1000	285	6392	469	4720	136	4511	4488	-825	15380	57	15437	2483	17920	50.04
11	4905	1199	283	6387	442	4644	153	4629	5051	-1005	15672	53	15725	2732	18457	49.96
12	4847	1286	283	6416	523	4563	180	4795	4795	-999	15478	62	15540	2788	18328	50.02
13	4869	1002	284	6155	598	4505	181	4588	4548	-1036	14951	72	15023	2786	17809	49.98
14	4913	789	284	5986	618	4469	191	4513	4349	-931	14682	63	14745	2662	17407	50.02
15	4772	639	279	5690	713	4278	166	4584	4811	-966	14692	57	14749	2718	17467	49.96
16	4836	768	281	5885	792	4278	120	4684	4856	-996	14935	41	14976	2743	17719	49.96
17	4822	675	286	5783	806	4265	81	4425	4578	-1037	14476	49	14525	2737	17262	50.00
18	4834	454	283	5571	869	4350	36	3376	3155	-1127	12854	61	12915	2664	15579	50.18
19	4859	361	287	5507	912	4087	2	3358	2938	-1102	12344	62	12406	2597	15003	49.93
20	4817	1300	288	6405	694	4200	0	3777	3967	-1013	14253	61	14314	2728	17042	49.92
21	4755	674	292	5721	627	3926	0	4146	4296	-952	13618	53	13671	2622	16293	49.88
22	4510	711	292	5513	581	4185	0	4013	4231	-1068	13442	41	13483	2481	15964	49.85
23	4475	819	290	5584	690	4227	0	3954	4406	-1257	13650	41	13691	2411	16102	49.95
24	4541	1144	290	5975	745	4248	0	3900	4271	-1237	14002	41	14043	2386	16429	49.94
MUs	116.01	15.71	6.96	138.68	18.85	104.13	1.36	98.88	103.33	-22.71	343.64	1.42	345.06	57.55	402.62	50.01

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/Apr/2015

Position as on 6.30 Hrs of 04/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	Khaparkheda Unit 2	210	01/04/2015	03.16		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	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	Koradi Unit 5	200	17/06/2014	11:53	03/04/2015	12.37	Water Shortage	
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	
IPP	Adani U-3	660	06/02/2015	11.42	03/04/2015	17.14	Bushing Repl Work.	
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.	
IPP	RPL(AMT) U-2	270	01/04/2015	02.05	03/04/2015	09.05	Withdrawn	
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	Khaparkheda Unit 4	210	02/04/2015	17.31	03/04/2015	21.06	Turbine bearing Vabration high	
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.	
MSPGCL	Khaparkheda Unit 3	210	03/04/2015	14.11	03/04/2015	17.42	Due to station Auxiliary Supply Failed.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	

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

Position as on 6.30 Hrs of 04/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 3	210	03/04/2015	18.43	03/04/2015	22.12	LP turbine exhaust Temp High.	
MSPGCL	Bhusawal Unit 4	500	03/04/2015	21.00		Continued.	Attending leakage of Deareater of Flush Tank line.	
MSPGCL	Parli Unit 4	210	03/04/2015	22.10		Continued.	Condenser Tube Leakage Withdrawn.	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	00.12		Continued.	Gland Seal Temp. Maint.	
IPP	Adani U-3	660	04/04/2015	02.12		Continued.	Due to Main Stean drain line heap lekage.	

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

Statement-VII

Position as on 6.30 Hrs of 04/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) I	InterState	28/03/2015	12.00	03/04/2015	08.00	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
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.
400 KV LR Outages/Trippings							
400kv 50mvar Karad-Solapur(Pg)	InterState	02/04/2015	11.50	03/04/2015	14.48	PO	Tan delta of bushing
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	02/04/2015	18.26	03/04/2015	07.30	HT	Over Voltage
Karad Solapur (PG)	InterState	03/04/2015	08.42	03/04/2015	14.48	T	Distance Protection
Dhule Sar'Sarovar II	InterState	03/04/2015	17.18		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/04/2015	18.02		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	02/04/2015	16.41	03/04/2015	09.07	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/04/2015	17.04	03/04/2015	09.24	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/04/2015	17.22	03/04/2015	07.28	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/04/2015	18.11	03/04/2015	06.11	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	03/04/2015	08.48	03/04/2015	19.21	PO	Insulator Replacement Work
Karad - Jaigad - II	IntraState	03/04/2015	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/04/2015	16.50		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/04/2015	21.11	04/04/2015	06.26	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
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	03/04/2015	10.39	03/04/2015	15.12	PO	Replacement work
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	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
Trombay - Mulund	IntraState	02/04/2015	10.40	03/04/2015	19.05	PO	control pannel shifting work
Kharepatan -Pawas Line	IntraState	03/04/2015	09.11	03/04/2015	17.46	PO	Insulator Cleaning Work.
Hinjawadi I- Chinchwad	IntraState	03/04/2015	09.29	03/04/2015	17.21	HT	To Control Overloading Of Urse Line.
Phursungi-Serum	IntraState	03/04/2015	10.14	03/04/2015	16.03	HT	PLCC Panel Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	03/04/2015	06.35	03/04/2015	16.28	PO	Attending Hot Spot

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