

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.512	245.018	1) Gujrat	-2.335	-3.358
2) Hydro	18.417	31.569	2) Madhya Pradesh	15.505	33.326
3) Gas	6.966	15.964	3) Chattisgarh	4.980	10.180
Total MSPGCL	148.895	292.551	4) Maharashtra Net	83.130	169.582
B) 1) APMIL	51.030	99.480	5) Goa	-6.237	-13.129
2) JSWEL	22.481	43.534	6) TAPS 1&2 Injection	3.612	7.186
3) VIPL	10.558	21.450	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	14.450	29.090	8) Pench (MS)	0.026	0.057
5) WPCL	2.764	5.482	9) Pench (Excess)	-0.026	-0.057
6) Other IPP	9.193	18.329	Total	98.629	203.730
C) 1) TPCL Thermal	19.498	38.759	a) Mumbai Schedule	21.757	42.113
2) TPCL Hydro	2.561	6.361	b) Mumbai Drawl	22.645	45.597
3) TPCL Gas	2.766	5.778	c) MSEDCL Bilateral *	20.677	44.866
4) R-INFRA Thermal	11.478	22.886	Include PX	-4.332	-7.576
D) STATE			d) Mumbai Bilateral *	21.757	42.113
1) Thermal	264.964	524.028	Include PX	0.017	1.039
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	20.978	37.930	H) ENERGY CATERED (MUs)		
3) Gas	9.732	21.742	1) MSEDCL	351.160	695.548
4) Wind	14.279	24.609	2) Mumbai Discoms	58.948	119.381
6) SOLAR	1.526	2.833	TOTAL STATE	410.108	814.929
TOTAL STATE	311.479	611.142			

* 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	5439	5626	4862	4798
MSPGCL Hydro	2077	1372	362	165
MSPGCL Gas	281	284	288	297
MSPGCL Total Generation	7797	7282	5512	5260
Central Sector Receipt	4420	4744	4196	3990
WIND	91	232	1064	739
CPP / IPP	4938	4873	4335	4419
SOLAR	169	195	0	0
Exchange with Mumbai	-1086	-1183	-1001	-715
MSEDCL DEMAND MET	16329	16143	14106	13693
Load Shedding	66	82	82	59
MSEDCL DEMAND	16395	16225	14188	13752
TPCL GENERATION	1240	1204	1225	777
R-INFRA GENERATION	516	518	517	381
MUMBAI DEMAND	2842	2905	2756	1873
STATE DEMAND MET	19171	19048	16862	15566
STATE DEMAND	19237	19130	16944	15625
Frequency (Hz)	49.94	49.94	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 17.04 Hrs	49.68 Hz at 22.11 Hrs	49.96	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 02/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.07	8.06	180	155
Total	4.07	8.06		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	8.35	185	160
Unit 4	10.21	20.71	500	370
Unit 5	10.18	20.69	500	365
Total	24.53	49.75		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.22	6.45	149	97
Unit 5	3.47	7.03	155	135
Unit 6	4.56	9.18	204	176
Unit 7	4.82	9.74	250	187
Total	16.07	32.41		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.32	6.59	142	134
Unit 3	4.42	8.75	203	167
Unit 4	4.23	8.61	193	160
Unit 5	9.72	19.33	435	364
Unit 6	9.50	18.90	425	365
Unit 7	8.10	16.21	392	281
Total	39.29	78.38		
Paras				
Unit 3	5.14	10.30	232	190
Unit 4	0.00	0.00	0	0
Total	5.14	10.30		
Khaparkheda				
Unit 1	4.23	7.89	190	160
Unit 2	0.00	0.44	0	0
Unit 3	4.38	8.35	190	160
Unit 4	2.88	6.74	171	0
Unit 5	10.37	20.90	490	400
Total	21.86	44.32		
Nasik				
Unit 3	4.59	9.29	205	175
Unit 4	4.54	9.08	200	180
Unit 5	3.43	3.43	182	0
Total	12.56	21.80		
Uran				
All Units	6.97	15.96	299	281
Total	6.97	15.96		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	0.06	13	0
Total	0.03	0.06		
Koyna				
Stage 1-2	4.40	8.80	500	40
Stage 4	5.97	7.86	840	0
Stage 3	2.51	3.90	316	0
Total	12.89	20.56		
Hydro				
KDPH	0.88	1.76	37	36
VTRNA	1.12	2.32	61	0
TILLARI	0.37	0.75	63	0
BHTGR/VEER	0.05	0.12	3	2
BHIRA T.R.	0.10	0.29	70	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.52	1.03	22	21
ELDARY	0.35	0.72	16	0
SMLHY_PTN	1.00	1.74	42	41
GHATGHAR	1.12	2.28	250	0
Total	5.52	11.01		
Wind				
Total	14.28	24.61	0	0
Total	14.28	24.61		
CPP				
APML(Mus)	51.03	99.48	0	0
JSWEL(Mus)	22.48	43.53	0	0
VIPL(Mus)	10.56	21.45	0	0
RPLAMT(Mus)	14.45	29.09	0	0
WPCL(Mus)	2.76	5.48	0	0
Other(Mus)	9.19	18.33	0	0
Total	110.48	217.36		
SOLAR				
Total	1.53	2.83	0	0
Total	1.53	2.83		
Tata				
Trombay 5	10.36	20.53	492	313
Trombay 6	3.50	7.02	147	145
Trombay 7A	1.55	3.28	65	62
Trombay 7B	1.22	2.50	52	49
Trombay 8	5.63	11.21	251	201
TATA Hydro	2.56	6.36	239	0
Total	24.82	50.90		
R-INFRA				
1-2	11.48	22.89	520	381
Total	11.48	22.89		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.51	245.02
MSPGCL Thml+Gas	130.48	260.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	18.42	31.57
MSPGCL Total	148.90	292.55

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.38	16.66
State Total	311.48	611.14

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	4906	535	298	5739	799	4598	0	3876	3912	-1043	14005	89	14094	2314	16408	49.90
2	4954	235	297	5486	782	4606	0	3869	3500	-607	13767	59	13826	2090	15916	49.91
3	4795	196	298	5289	779	4542	0	3869	3891	-654	13847	59	13906	1960	15866	49.94
4	4798	165	297	5260	739	4419	0	3869	3990	-715	13693	59	13752	1873	15625	49.96
5	4830	231	299	5360	686	4516	0	3869	3995	-681	13876	62	13938	1838	15776	49.94
6	4985	361	298	5644	448	4533	0	4021	3886	-730	13781	74	13855	1888	15743	49.93
7	5146	623	299	6068	318	4653	8	4210	4827	-670	15204	101	15305	1924	17229	50.04
8	5162	1118	298	6578	225	4639	34	4236	4326	-528	15274	101	15375	1997	17372	50.02
9	5173	1609	287	7069	113	4610	91	4232	4191	-713	15361	90	15451	2281	17732	49.95
10	5396	1761	282	7439	52	4835	151	4295	3967	-890	15554	72	15626	2598	18224	49.92
11	5439	2077	281	7797	91	4938	169	4533	4420	-1086	16329	66	16395	2842	19237	49.94
12	5506	2067	284	7857	120	4868	213	4697	4247	-1180	16125	72	16197	2918	19115	49.92
13	5626	1372	284	7282	232	4873	195	4821	4744	-1183	16143	82	16225	2905	19130	49.94
14	5610	900	282	6792	347	4695	200	4685	4702	-1086	15650	78	15728	2835	18563	49.98
15	5616	992	284	6892	474	4714	192	4617	4608	-1113	15767	72	15839	2853	18692	49.94
16	5603	974	287	6864	611	4761	145	4698	4597	-1184	15794	65	15859	2870	18729	49.99
17	5575	591	289	6455	683	4806	89	4532	4282	-1157	15158	72	15230	2841	18071	50.01
18	5178	219	290	5687	943	4654	36	3903	3208	-1160	13368	79	13447	2763	16210	50.06
19	4896	288	291	5475	1110	4496	3	3481	3335	-1080	13339	81	13420	2681	16101	49.95
20	4862	362	288	5512	1064	4335	0	4152	4196	-1001	14106	82	14188	2756	16944	49.98
21	4888	286	285	5459	1055	4366	0	4057	4097	-904	14073	73	14146	2624	16770	50.00
22	4859	256	285	5400	869	4355	0	3906	3669	-935	13358	64	13422	2498	15920	49.96
23	4896	388	291	5575	864	4367	0	3763	4123	-1101	13828	64	13892	2391	16283	49.92
24	4813	811	292	5916	875	4297	0	3690	3916	-1244	13760	64	13824	2434	16258	50.02
MUs	123.51	18.42	6.97	148.89	14.28	110.48	1.53	99.88	98.63	-22.65	351.16	1.78	352.94	58.97	411.91	49.96

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 02/Apr/2015

Position as on 6.30 Hrs of 03/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								
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		Continued.	Economic Shutdown	
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		Continued.	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	Nasik Unit 5	210	28/03/2015	22.55	02/04/2015	01.15	BTL.	
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		Continued.	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	Khaparkhedha Unit 4	210	02/04/2015	17.31		Continued.	Turbine bearing Vabration high	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 03/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		Continued.	PO	For Construction Crossing & Swapping Work of Commissioning 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 Commissioning 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		Continued.	PO	Tan delta of bushing
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	01/04/2015	18.08	02/04/2015	07.08	HT	Over Voltage
Kolhapur Mapusa II	InterState	02/04/2015	07.51	02/04/2015	19.18	PO	insulator replacement work
Karad Solapur (PG)	InterState	02/04/2015	08.44	02/04/2015	09.39	T	Distance Protection
Karad Solapur (PG)	InterState	02/04/2015	11.40	02/04/2015	12.12	PO	Line Maintenance work
Dhule Sar'Sarovar II	InterState	02/04/2015	18.26		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	01/04/2015	17.06	02/04/2015	06.53	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/04/2015	17.11	02/04/2015	07.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/04/2015	18.05	02/04/2015	09.16	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	02/04/2015	09.06	02/04/2015	19.57	PO	Replacement work
Padghe - Kharghar	IntraState	02/04/2015	11.43	02/04/2015	14.10	PO	Heavy sparking observed on pg clamp of c bus pg isolator at padghe end
karad -kolhapur-I	IntraState	02/04/2015	16.41		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/04/2015	17.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/04/2015	17.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/04/2015	18.11	03/04/2015	06.11	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	02/04/2015	03.15	02/04/2015	21.41	T	Differential protection
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	02/04/2015	09.17	02/04/2015	18.06	PO	Annual Maintenance 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	Panel Replacement Work (Outage for 8 Days). open at location 14 b
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
Bableshwar- Alephata	IntraState	01/04/2015	23.17	02/04/2015	18.16	HT	To control ICT loading
Kharghar - Nerul	IntraState	02/04/2015	06.03	02/04/2015	09.55	PO	Attending Hot Spot
Bableshwar- Ranjangaon	IntraState	02/04/2015	06.19	02/04/2015	18.15	HT	To control ICT loading
Kharepatan -Pawas Line	IntraState	02/04/2015	09.35	02/04/2015	17.40	PO	Insulator Replacement Work
Vita - Mhaishal	IntraState	02/04/2015	10.07	02/04/2015	13.20	PO	Replacement work
Trombay - Mulund	IntraState	02/04/2015	10.40		Continued.	PO	control panel shifting work
Padghe - Vasai-li Line	IntraState	02/04/2015	12.45	02/04/2015	17.40	PO	Replacement work
220 KV ICT Outages/Trippings							

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 02/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	02/04/2015	09.04	02/04/2015	17.25	PO	Measurment of Tan Delta and SFRA of ICT