

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Mar/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.396	1445.718	1) Gujrat	-3.087	-36.627
2) Hydro	8.609	100.901	2) Madhya Pradesh	14.933	158.736
3) Gas	10.343	97.887	3) Chattisgarh	4.850	56.230
Total MSPGCL	146.348	1644.506	4) Maharashtra Net	81.382	898.938
B) 1) APML	44.580	501.960	5) Goa	-6.724	-73.984
2) JSWEL	15.816	143.327	6) TAPS 1&2 Injection	3.587	43.996
3) VIPL	9.174	112.077	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.780	63.440	8) Pench (MS)	0.000	1.087
5) WPCL	2.648	30.922	9) Pench (Excess)	0.000	-1.125
6) Other IPP	9.411	107.068	Total	94.941	1046.164
C) 1) TPCL Thermal	12.560	156.947	a) Mumbai Schedule	19.278	219.981
2) TPCL Hydro	5.041	29.997	b) Mumbai Drawl	25.261	228.780
3) TPCL Gas	4.225	34.832	c) MSEDCL Bilateral *	19.343	257.858
4) R-INFRA Thermal	11.189	124.102	Include PX	-0.771	-4.335
D) STATE			d) Mumbai Bilateral *	19.278	219.981
1) Thermal	237.554	2685.561	Include PX	1.400	2.261
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.650	130.898	H) ENERGY CATERED (MUs)		
3) Gas	14.568	132.719	1) MSEDCL	312.887	3530.379
4) Wind	9.541	92.782	2) Mumbai Discoms	58.274	574.648
6) SOLAR	0.909	15.826	TOTAL STATE	371.161	4105.027
TOTAL STATE	276.222	3057.786			

* 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	5329	5390	5306	5367
MSPGCL Hydro	607	407	503	139
MSPGCL Gas	420	433	418	446
MSPGCL Total Generation	6356	6230	6227	5952
Central Sector Receipt	4855	4921	4897	2431
WIND	463	415	390	428
CPP / IPP	3557	3633	3562	3539
SOLAR	90	132	0	0
Exchange with Mumbai	-1210	-1260	-1389	-559
MSEDCL DEMAND MET	14111	14071	13687	11791
Load Shedding	51	55	25	43
MSEDCL DEMAND	14162	14126	13712	11834
TPCL GENERATION	1177	1185	907	694
R-INFRA GENERATION	514	515	516	388
MUMBAI DEMAND	2901	2960	2812	1641
STATE DEMAND MET	17012	17031	16499	13432
STATE DEMAND	17063	17086	16524	13475
Frequency (Hz)	49.93	49.97	49.92	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 07:06 Hrs	49.64 Hz at 19:38 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 12/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.88	45.23	170	141
Unit 7	3.96	45.53	180	155
Total	7.84	90.76		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.03	47.73	180	140
Unit 4	9.04	79.86	395	355
Unit 5	9.12	111.30	390	365
Total	22.20	238.90		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.17	34.12	163	0
Unit 5	3.59	26.23	152	143
Unit 6	4.34	55.70	197	127
Unit 7	4.49	41.44	191	184
Total	15.58	157.49		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.16	39.34	141	119
Unit 3	4.00	50.49	175	163
Unit 4	4.06	48.40	182	160
Unit 5	9.14	85.20	390	364
Unit 6	8.89	98.06	380	360
Unit 7	8.84	104.98	391	329
Total	38.09	426.46		
Paras				
Unit 3	4.86	56.20	207	199
Unit 4	0.00	18.35	0	0
Total	4.86	74.56		
Khaparkheda				
Unit 1	4.05	48.51	185	150
Unit 2	3.72	45.14	165	140
Unit 3	4.47	44.80	190	183
Unit 4	4.19	50.19	183	161
Unit 5	9.61	115.61	420	380
Total	26.03	304.24		
Nasik				
Unit 3	4.30	51.46	185	170
Unit 4	4.18	51.24	185	163
Unit 5	4.31	50.61	186	172
Total	12.79	153.31		
Uran				
All Units	10.34	97.89	448	410
Total	10.34	97.89		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	1.09	0	0
Total	0.00	1.09		
Koyna				
Stage 1-2	2.98	34.50	420	40
Stage 4	0.41	13.69	220	0
Stage 3	1.36	11.14	160	0
Total	4.75	59.34		
Hydro				
KDPH	0.44	2.55	19	18
VTRNA	0.74	12.14	61	0
TILLARI	0.25	2.85	64	0
BHTGR/VEER	0.07	0.14	3	2
BHIRA T.R.	0.12	1.15	71	0
RNGR+BHTSA	0.29	3.42	14	0
BHANDARDRA	0.52	2.00	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.77	6.27	32	32
GHATGHAR	0.65	11.06	125	0
Total	3.86	41.56		
Wind				
Total	9.54	92.78	0	0
Total	9.54	92.78		
CPP				
APML(Mus)	44.58	501.96	0	0
JSWEL(Mus)	15.82	143.33	0	0
VIPL(Mus)	9.17	112.08	0	0
RPLAMT(Mus)	4.78	63.44	0	0
WPCL(Mus)	2.65	30.92	0	0
Other(Mus)	9.41	107.07	0	0
Total	86.41	958.79		
SOLAR				
Total	0.91	15.83	0	0
Total	0.91	15.83		
Tata				
Trombay 5	7.04	93.52	502	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	20.67	124	79
Trombay 7B	1.59	14.16	71	56
Trombay 8	5.52	63.43	252	200
TATA Hydro	5.04	30.00	471	4
Total	21.83	221.78		
R-INFRA				
1-2	11.19	124.10	519	384
Total	11.19	124.10		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	127.40	1445.72
MSPGCL Thml+Gas	137.74	1543.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.61	100.90
MSPGCL Total	146.35	1644.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.38	48.19
State Total	276.22	3057.79

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 12/Mar/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	5358	133	444	5935	475	3712	0	3472	2907	-904	12125	47	12172	1945	14117	49.97
2	5393	128	446	5967	315	3553	0	3309	3011	-714	12132	43	12175	1768	13943	49.99
3	5370	129	446	5945	449	3571	0	2995	2458	-631	11792	43	11835	1699	13534	50.02
4	5367	139	446	5952	428	3539	0	2911	2431	-559	11791	43	11834	1641	13475	50.02
5	5354	144	447	5945	434	3464	0	3004	2595	-539	11899	43	11942	1633	13575	49.95
6	5370	188	447	6005	465	3624	0	3335	3067	-626	12535	43	12578	1724	14302	49.93
7	5381	163	448	5992	509	3700	0	4012	3803	-773	13231	73	13304	1885	15189	50.01
8	5360	223	447	6030	408	3785	16	4723	4359	-895	13703	73	13776	2029	15805	50.02
9	5347	636	440	6423	404	3730	51	4780	4319	-1167	13760	73	13833	2315	16148	49.99
10	5350	706	440	6496	439	3560	79	5157	4646	-1153	14067	55	14122	2679	16801	49.94
11	5329	607	420	6356	463	3557	90	5420	4855	-1210	14111	51	14162	2901	17063	49.93
12	5305	545	410	6260	365	3583	102	5494	4708	-1249	13769	52	13821	2948	16769	49.95
13	5390	407	433	6230	415	3633	132	5498	4921	-1260	14071	55	14126	2960	17086	49.97
14	5265	294	412	5971	344	3559	146	5191	4995	-1208	13807	37	13844	2898	16742	50.03
15	5190	489	413	6092	273	3649	137	5229	4961	-1218	13894	33	13927	2950	16877	49.97
16	5193	652	413	6258	212	3636	96	5190	4866	-1187	13881	25	13906	2959	16865	49.95
17	5200	668	418	6286	165	3600	44	4717	4458	-1267	13286	34	13320	2958	16278	49.96
18	5260	676	418	6354	249	3513	16	3758	3767	-1376	12523	42	12565	2887	15452	49.99
19	5278	305	418	6001	574	3504	0	3918	3686	-1383	12382	25	12407	2787	15194	49.99
20	5306	503	418	6227	390	3562	0	4845	4897	-1389	13687	25	13712	2812	16524	49.92
21	5297	194	419	5910	403	3598	0	4931	4634	-1289	13256	25	13281	2703	15984	49.96
22	5301	194	428	5923	438	3645	0	3870	3804	-1110	12700	25	12725	2527	15252	49.98
23	5241	332	434	6007	414	3580	0	3363	3488	-1117	12372	25	12397	2409	14806	49.92
24	5191	154	438	5783	510	3552	0	3594	3305	-1037	12113	25	12138	2259	14397	50.02
MUs	127.40	8.61	10.34	146.35	9.54	86.41	0.91	102.72	94.94	-25.26	312.89	1.01	313.90	58.28	372.18	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 12/Mar/2015

Position as on 6.30 Hrs of 13/Mar/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	
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	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
MSPGCL	Koyana STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintenance work	
IPP	RPL(AMT) U-2	270	03/03/2015	23.23		Continued.	PA Fan problem	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
IPP	WPCL U-3	135	06/03/2015	00.08		Continued.	Withdrawn	
MSPGCL	Parli Unit 4	210	12/03/2015	13.09	12/03/2015	16.00	Loss of fuel	
TPC-G	Trombay 5	500	12/03/2015	17.17	12/03/2015	23.00	Turbine Control problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 13/Mar/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							
Pune(PG)-Solapur(PG)	InterState	06/03/2015	23:51		Continued.	HT	Over Voltage
Wardha(PG)-Aurangabad(PG) I	InterState	12/03/2015	13.25		Continued.	HT	For Availing Outage on ICT @ Aurangabad PG.
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	11/03/2015	17.04	12/03/2015	10.11	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	11/03/2015	17.49	12/03/2015	07.10	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	12/03/2015	12.23		Continued.	HT	Taken on TBC Due to Heavy Sparking on Isolator.
Kolhapur Mapusa II	InterState	12/03/2015	16.13		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-I	IntraState	27/02/2015	19.15	12/03/2015	15.26	HT	For Overloading Padgha-Bablsr.
Nagothane - Dabhol-II	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	11/03/2015	16.40	12/03/2015	08.52	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/03/2015	17.01	12/03/2015	09.03	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/03/2015	17.09	12/03/2015	06.34	HT	Over Voltage
Chandrapur-Parali III	IntraState	11/03/2015	19.44	12/03/2015	06.28	T	Closing Coil Burnt @ Parly End
Lonikand I - Koyna stage-IV	IntraState	11/03/2015	22.08	12/03/2015	07.11	HT	Over Voltage
Chandrapur-Parali 2	IntraState	12/03/2015	12.39	12/03/2015	19.49	PO	Bay Maint.Work,Replacement of Broken Spacer Cum Vibration Damper.
karad -kolhapur-I	IntraState	12/03/2015	16.09		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/03/2015	16.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/03/2015	21.24	13/03/2015	07.06	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/03/2015	22.58		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	13/03/2015	03.44	13/03/2015	07.01	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- 2 @Warora	IntraState	16/02/2015	10:43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- I @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	11/03/2015	22.53	12/03/2015	00.59	T	NDR
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	T	Over Voltage
Borivali - Tarapur	InterState	12/03/2015	11.47	12/03/2015	12.20	T	Distance Protection
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Butibori-Butibori Rly Tss	IntraState	18/02/2015	09:56		Continued.	PO	Erection of CB and CC, Dismantling of CB, Aligment of Line Isolator.
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.
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work
Bableshevar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	Over Voltage
Osmanabad - Solapur (Bale)	IntraState	05/03/2015	08.46		Continued.	HT	Hand Tripped.
Solapur(Bale) - Tuljapur	IntraState	05/03/2015	08.46		Continued.	HT	Hand Tripped.
Uran - Apta IV	IntraState	09/03/2015	13.27		Continued.	PO	Shifted on TBC for 4 days
Aurangabad (Waluj)-Bhenda	IntraState	11/03/2015	23.01	12/03/2015	01.19	HT	NDR Protection Operated,H/T to Control A'bad 500 MVA ICT Tripped.

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 12/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chalisgaon - Babhaleshwar	IntraState	12/03/2015	00.04	12/03/2015	00.26	T	Distance Protection
Kalwa-Salsette-VI	IntraState	12/03/2015	01.38	12/03/2015	07.34	EO	Attending Hot Spot
New Koyna - Niwali	IntraState	12/03/2015	08.34	12/03/2015	16.05	PO	Line Maintenance work
Talandge-Hamidwada	IntraState	12/03/2015	09.15	12/03/2015	17.33	PO	Polluted Insulator Cleaning Work.
Lonand-Baramati	IntraState	12/03/2015	09.20	12/03/2015	20.00	PO	Old Insulator String Replaced.
Babhleshwar- Ranjangaon	IntraState	12/03/2015	09.41	12/03/2015	17.57	PO	For Work of SSN to DSN Conversion.
Karad - Vita Ckt- I	IntraState	12/03/2015	10.00	12/03/2015	14.44	PO	Line Signature Test.
Pusad - Hingoli	IntraState	12/03/2015	10.06	12/03/2015	17.47	PO	Stringing of 220KV Ghatodi-Hingoli ckt on M/C Tower.
Karad - Vita Ckt- II	IntraState	12/03/2015	14.48	12/03/2015	18.14	PO	Line Signature Test.
Dondaicha(220)-Amalner(220)	IntraState	12/03/2015	18.12	12/03/2015	20.44	T	Distance Protection
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 IV @Apta	IntraState	10/03/2015	11.37		Continued.	PO	shifting Lv ct from old rcc structure to new structure
220/132 Kv 200 MVA ICT-III @Phursungi	IntraState	12/03/2015	09.05	12/03/2015	14.05	PO	CTR Fire Protection Work.
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	12/03/2015	09.25	12/03/2015	13.30	PO	Annual Maintenance Work
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	12/03/2015	10.03	12/03/2015	16.55	PO	Tan Delta Testing Work.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	12/03/2015	10.05	12/03/2015	18.59	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							
Jalna (220)-Ambad	IntraState	11/03/2015	22.53	12/03/2015	00.22	T	Load Trimming Scheme Optd @ Aurangabad S/S.
Padegaon-Pishor	IntraState	11/03/2015	22.53	12/03/2015	01.33	T	Load Trimming Scheme Optd @ Aurangabad S/S.

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