

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Mar/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.220	2194.979	1) Gujrat	-2.241	-64.910
2) Hydro	12.960	159.178	2) Madhya Pradesh	20.384	254.263
3) Gas	10.349	158.623	3) Chattisgarh	5.590	85.280
Total MSPGCL	143.529	2512.780	4) Maharashtra Net	88.240	1392.073
B) 1) APMIL	49.200	773.030	5) Goa	-6.699	-114.283
2) JSWEL	17.297	238.264	6) TAPS 1&2 Injection	3.697	66.047
3) VIPL	9.210	166.775	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.370	89.360	8) Pench (MS)	0.125	1.513
5) WPCL	2.679	46.457	9) Pench (Excess)	-0.125	-1.551
6) Other IPP	10.143	166.632	Total	108.846	1616.919
C) 1) TPCL Thermal	13.942	241.995	a) Mumbai Schedule	19.972	335.730
2) TPCL Hydro	4.017	46.054	b) Mumbai Drawl	22.671	367.141
3) TPCL Gas	4.250	58.118	c) MSEDCL Bilateral *	22.907	383.531
4) R-INFRA Thermal	11.051	189.744	Include PX	-1.144	-16.606
D) STATE			d) Mumbai Bilateral *	19.972	335.730
1) Thermal	238.112	4107.236	Include PX	0.722	6.964
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	16.977	205.232	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.599	216.741	1) MSEDCL	329.745	5399.607
4) Wind	5.916	132.920	2) Mumbai Discoms	55.933	903.042
6) SOLAR	1.226	22.098	TOTAL STATE	385.678	6302.649
TOTAL STATE	276.830	4684.227			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5044	4996	5019	4972
MSPGCL Hydro	1226	814	807	101
MSPGCL Gas	418	415	430	445
MSPGCL Total Generation	6688	6225	6256	5518
Central Sector Receipt	5629	5575	4633	3346
WIND	100	66	233	344
CPP / IPP	4006	3993	4043	3417
SOLAR	165	146	0	0
Exchange with Mumbai	-1132	-1214	-1081	-491
MSEDCL DEMAND MET	15456	14791	14084	12134
Load Shedding	47	33	32	41
MSEDCL DEMAND	15503	14824	14116	12175
TPCL GENERATION	1192	1069	1131	699
R-INFRA GENERATION	507	516	517	381
MUMBAI DEMAND	2831	2799	2729	1597
STATE DEMAND MET	18287	17590	16813	13731
STATE DEMAND	18334	17623	16845	13772
Frequency (Hz)	49.98	49.96	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 23.43 Hrs	49.71 Hz at 21.04 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 18/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.01	63.82	7	0
Unit 7	3.96	68.18	180	150
Total	3.97	132.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.99	71.56	175	160
Unit 4	8.80	133.02	395	310
Unit 5	9.01	164.58	410	350
Total	21.80	369.16		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.79	55.75	163	137
Unit 5	3.60	47.80	155	146
Unit 6	4.49	82.65	192	180
Unit 7	4.46	69.17	191	158
Total	16.33	255.37		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.30	59.22	142	135
Unit 3	4.10	74.77	198	163
Unit 4	0.00	64.09	0	0
Unit 5	9.18	139.91	445	364
Unit 6	8.24	148.85	425	0
Unit 7	9.25	158.78	416	363
Total	34.07	645.62		
Paras				
Unit 3	4.85	84.90	212	188
Unit 4	0.00	18.35	0	0
Total	4.85	103.25		
Khaparkheda				
Unit 1	3.97	72.28	180	150
Unit 2	3.85	67.66	165	150
Unit 3	4.12	70.22	200	153
Unit 4	4.24	74.88	184	170
Unit 5	9.76	173.54	500	390
Total	25.93	458.58		
Nasik				
Unit 3	4.44	77.56	195	175
Unit 4	4.48	77.42	198	174
Unit 5	4.34	76.01	190	170
Total	13.26	231.00		
Uran				
All Units	10.35	158.62	446	411
Total	10.35	158.62		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.12	1.51	26	0
Total	0.12	1.51		
Koyna				
Stage 1-2	4.02	55.38	490	40
Stage 4	2.66	19.71	632	0
Stage 3	1.56	16.97	160	0
Total	8.25	92.05		
Hydro				
KDPH	0.00	2.99	0	0
VTRNA	1.06	18.57	61	0
TILLARI	0.26	4.74	64	0
BHTGR/VEER	0.05	0.51	3	2
BHIRA T.R.	0.10	2.00	63	0
RNGR+BHTSA	0.32	5.21	14	13
BHANDARDRA	0.46	4.94	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.63	11.26	27	26
GHATGHAR	1.83	16.90	250	0
Total	4.71	67.13		
Wind				
Total	5.92	132.92	0	0
Total	5.92	132.92		
CPP				
APML(Mus)	49.20	773.03	0	0
JSWEL(Mus)	17.30	238.26	0	0
VIPL(Mus)	9.21	166.78	0	0
RPLAMT(Mus)	4.37	89.36	0	0
WPCL(Mus)	2.68	46.46	0	0
Other(Mus)	10.14	166.63	0	0
Total	92.90	1480.52		
SOLAR				
Total	1.23	22.10	0	0
Total	1.23	22.10		
Tata				
Trombay 5	7.60	145.41	322	312
Trombay 6	0.89	0.89	156	0
Trombay 7A	2.66	34.95	123	77
Trombay 7B	1.59	23.17	70	56
Trombay 8	5.46	95.69	252	199
TATA Hydro	4.02	46.05	441	0
Total	22.21	346.17		
R-INFRA				
1-2	11.05	189.74	518	380
Total	11.05	189.74		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.22	2194.98
MSPGCL Thml+Gas	130.57	2353.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.96	159.18
MSPGCL Total	143.53	2512.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.68	75.08
State Total	276.83	4684.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Mar/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	4977	101	444	5522	484	3644	0	3970	3521	-856	12315	51	12366	1890	14256	49.94
2	4919	101	434	5454	396	3427	0	3663	3722	-670	12329	41	12370	1724	14094	49.94
3	4975	101	446	5522	375	3415	0	3503	3652	-544	12420	41	12461	1649	14110	49.99
4	4972	101	445	5518	344	3417	0	3559	3346	-491	12134	41	12175	1597	13772	49.99
5	4994	106	446	5546	321	3454	0	3694	3627	-492	12456	41	12497	1596	14093	49.93
6	4986	201	441	5628	321	3459	0	4141	4297	-523	13182	43	13225	1688	14913	49.88
7	5024	577	446	6047	404	3527	3	4470	4534	-714	13801	89	13890	1830	15720	49.87
8	5316	201	446	5963	263	3727	28	5076	5268	-745	14504	89	14593	1973	16566	49.97
9	5384	211	431	6026	258	3814	69	5136	5171	-899	14439	87	14526	2298	16824	49.95
10	5060	810	432	6302	251	3761	118	5303	5326	-1008	14750	57	14807	2545	17352	49.93
11	5040	1195	421	6656	220	3945	144	5476	5065	-1195	14835	46	14881	2782	17663	49.99
12	5044	1226	418	6688	100	4006	165	5504	5629	-1132	15456	47	15503	2831	18334	49.98
13	5076	998	411	6485	29	3530	175	5393	5635	-1164	14690	48	14738	2822	17560	49.97
14	5076	791	415	6282	43	3777	163	5167	5607	-1214	14658	37	14695	2748	17443	49.96
15	4996	814	415	6225	66	3993	146	5190	5575	-1214	14791	33	14824	2799	17623	49.96
16	4966	914	415	6295	78	4052	110	5210	5364	-1205	14694	33	14727	2813	17540	49.94
17	4957	1033	416	6406	103	4127	77	4544	4730	-1167	14276	34	14310	2817	17127	49.94
18	5062	704	419	6185	167	4204	27	3717	3585	-1144	13024	43	13067	2766	15833	50.02
19	5041	601	424	6066	220	4288	1	3628	3761	-1109	13227	30	13257	2724	15981	49.99
20	5019	807	430	6256	233	4043	0	4642	4633	-1081	14084	32	14116	2729	16845	49.95
21	5035	291	430	5756	321	4462	0	4698	4594	-1034	14099	32	14131	2603	16734	49.96
22	4986	318	440	5744	268	4324	0	4148	4311	-1082	13565	32	13597	2424	16021	49.95
23	4681	579	442	5702	304	4267	0	4258	3730	-1030	12973	32	13005	2267	15272	49.94
24	4634	179	442	5255	347	4236	0	4475	4163	-958	13043	32	13075	2141	15216	50.03
MUs	120.2 2	12.96	10.35	143.53	5.92	92.90	1.23	108.56	108.85	-22.67	329.74	1.09	330.84	56.06	386.89	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 18/Mar/2015

Position as on 6.30 Hrs of 19/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								
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	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.	
TPC-G	Trombay 6	500	17/02/2015	21.50	18/03/2015	18.00	Economic shutdown	
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	
MSPGCL	Uran Unit 6	108	09/03/2015	08.05		Continued.	Vibration Problem.	
MSPGCL	Chandrapur Unit 4	210	16/03/2015	20.33		Continued.	Low farward power relay optd.	
IPP	WPCL U-3	135	17/03/2015	19.19	18/03/2015	00.22	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 6	210	17/03/2015	23.28	18/03/2015	23.42	ID Fan Problem	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
MSPGCL	Chandrapur Unit 6	500	18/03/2015	22.07		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	17/03/2015	17.06	18/03/2015	07.43	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/03/2015	17.16	18/03/2015	06.34	HT	Over Voltage
Kolhapur Mapusa I	InterState	18/03/2015	16.37		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/03/2015	18.09		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Nagothane - Dabhol-II	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	17/03/2015	16.33	18/03/2015	08.52	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/03/2015	17.05	18/03/2015	08.56	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/03/2015	21.31	18/03/2015	08.34	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/03/2015	01.00	18/03/2015	06.32	HT	Over Voltage
karad -kolhapur-II	IntraState	18/03/2015	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/03/2015	17.48	19/03/2015	06.16	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/03/2015	18.04		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/03/2015	00.44	19/03/2015	06.20	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @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 Kv 315 Mva ICT -I @Padghe	IntraState	16/03/2015	12.37		Continued.	PO	Breaker work Hv side on Tbc
400/220 Kv 500 Mva Ict 2 @Lamboti	IntraState	18/03/2015	09.09	18/03/2015	18.16	PO	Commissioning of Repaired B Ph Unit of ICT-II,Charged from HV Side Only. Under Observation.
400/220 Kv 500 Mva Ict 1 @Jejuri	IntraState	18/03/2015	22.36	19/03/2015	01.14	PO	Oil Replacement & Leakage Attending Work.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
Boisar(Ms) Boisar (Pg) li	InterState	18/03/2015	10.18	18/03/2015	12.10	PO	On Line Relay 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)
Bableshtar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load
Solapur(Bale) - Tuljapur	IntraState	05/03/2015	08.46	18/03/2015	09.03	HT	To control Girvali ICT Load
Osmanabad - Solapur (Bale)	IntraState	05/03/2015	08.46	18/03/2015	09.03	HT	To control Girvali ICT Load
Pusad - Hingoli	IntraState	18/03/2015	08.43	18/03/2015	17.47	PO	Stringing of 220KV Ghatodi-Hingoli @ Loc.No.28/0-29/0 of EHV Line Crossing of 220KV Pusad-Hingoli & 220KV Ghatodi-Nanded.
Nanded-Ghatodi	IntraState	18/03/2015	08.46	18/03/2015	15.06	PO	Stringing of 220KV Ghatodi-Hingoli @ Loc. No.28/0-29/0 of EHV Line Crossing of 220KV Pusad-Hingoli & 220KV Ghatodi-Nanded.
Parli 3(Old Gcr)- Girvali Ckt 4	IntraState	18/03/2015	09.47	18/03/2015	18.17	PO	Measurment of Tan Delta and SFRA of ICT
Talange(400)- Mudshingi 2 Line	IntraState	18/03/2015	09.50	18/03/2015	18.22	PO	Insulator Cleaning 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 18/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lamboti-Vita	IntraState	18/03/2015	12.47	18/03/2015	13.25	T	Distance Protection
Kadegaon-Miraj	IntraState	18/03/2015	16.48	18/03/2015	19.02	PO	CT Tan Delta Measurment Work.
Trombay - Mulund	IntraState	19/03/2015	06.31		Continued.	PO	Cross Arm Painting Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	18/03/2015	08.20	18/03/2015	08.37	T	On Over Load.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	18/03/2015	08.20		Continued.	T	Without Indication.
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	18/03/2015	14.46	18/03/2015	16.13	PO	Attending Hot Spot on Isolator,ICT on TBC.
132 KV LINE Outages/Trippings							
Buldana-Motala	IntraState	18/03/2015	09.18	18/03/2015	09.40	T	Distance Protection

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