

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Feb/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.983	1825.321	1) Gujrat	-3.656	-52.011
2) Hydro	5.300	97.829	2) Madhya Pradesh	10.405	141.189
3) Gas	10.831	164.151	3) Chattisgarh	6.040	84.690
Total MSPGCL	125.114	2087.301	4) Maharashtra Net	86.235	1269.198
B) 1) APML	64.597	1019.619	5) Goa (Amona)	-0.494	-8.136
2) JSWEL	26.504	420.191	6) TAPS 1&2 Injection	3.702	56.298
3) VIPL	6.522	158.778	7) RGPPL Injection	11.695	199.529
4) RPL(AMT)	14.633	365.694	8) Pench (MS)	0.625	7.772
5) WPCL	4.946	77.278	9) Pench (Excess)	-0.625	-7.708
6) Other IPP	8.415	153.414	Total	113.302	1683.049
C) 1) TPCL Thermal	9.215	136.843	a) Mumbai Schedule	13.517	274.128
2) TPCL Hydro	4.046	64.487	b) Mumbai Drawl	24.255	379.092
3) TPCL Gas	3.857	64.028	c) MSEDCL Bilateral *	31.200	488.979
4) R-INFRA Thermal	10.424	177.630	Include PX	-2.486	-61.666
D) STATE			d) Mumbai Bilateral *	13.517	274.128
1) Thermal	254.239	4334.768	Include PX	1.075	18.129
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	9.346	162.316	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.688	228.179	1) MSEDCL	349.833	5722.219
4) Wind	8.919	114.821	2) Mumbai Discoms	51.797	822.078
6) SOLAR	1.136	21.166	TOTAL STATE	401.630	6544.297
TOTAL STATE	288.328	4861.250			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5227	4560	4496	4412
MSPGCL Hydro	124	239	498	99
MSPGCL Gas	445	442	448	463
MSPGCL Total Generation	5796	5241	5442	4974
Central Sector Receipt	5395	5373	4852	3817
WIND	440	449	345	240
CPP / IPP	5703	5302	5526	4720
SOLAR	103	139	0	0
Exchange with Mumbai	-1043	-1109	-1350	-575
MSEDCL DEMAND MET	16394	15395	14815	13176
Load Shedding	4	4	5	4
MSEDCL DEMAND	16398	15399	14820	13180
TPCL GENERATION	987	1054	818	456
R-INFRA GENERATION	514	518	402	403
MUMBAI DEMAND	2544	2681	2570	1434
STATE DEMAND MET	18938	18076	17385	14610
STATE DEMAND	18942	18080	17390	14614
Frequency (Hz)	49.96	49.92	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 21.54 Hrs	49.75 Hz at 18.50 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 17/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.41	60.69	150	125
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.28	86.98	405	340
Total	12.69	147.66		
Bhusawal				
Unit 2	4.06	67.54	180	160
Unit 3	4.04	57.72	180	160
Unit 4	0.00	121.46	0	0
Unit 5	9.04	123.86	500	350
Total	17.14	370.58		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.02	66.94	20	0
Unit 4	4.22	70.38	194	165
Unit 5	9.55	156.65	485	360
Unit 6	9.69	162.22	435	385
Unit 7	9.06	102.38	445	351
Total	32.53	558.58		
Paras				
Unit 3	5.37	80.35	256	192
Unit 4	5.42	86.57	260	192
Total	10.79	166.92		
Khaparkheda				
Unit 1	3.84	60.79	175	140
Unit 2	3.92	58.38	185	155
Unit 3	2.55	46.36	205	0
Unit 4	3.94	65.31	190	150
Unit 5	9.89	166.59	510	365
Total	24.14	397.42		
Nasik				
Unit 3	3.32	47.16	205	0
Unit 4	4.13	68.99	193	158
Unit 5	4.25	68.00	198	160
Total	11.70	184.16		
Uran				
All Units	10.83	164.15	471	432
Total	10.83	164.15		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.62	7.77	49	0
Total	0.62	7.77		
Koyna				
Stage 1-2	2.50	34.08	370	40
Stage 4	0.45	5.40	181	0
Stage 3	0.78	9.70	146	0
Total	3.73	49.19		
Hydro				
KDPH	0.43	5.97	18	18
VTRNA	0.00	0.28	0	0
TILLARI	0.00	1.52	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.98	40	0
RNGR+BHTSA	0.22	4.10	14	0
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.68	12.71	29	28
GHATGHAR	0.00	15.18	0	0
Total	1.57	48.64		
Wind				
Total	8.92	114.82	0	0
Total	8.92	114.82		
CPP				
APML(Mus)	64.60	1019.62	0	0
JSWEL(Mus)	26.50	420.19	0	0
VIPL(Mus)	6.52	158.78	0	0
RPLAMT(Mus)	14.63	365.69	0	0
WPCL(Mus)	4.95	77.28	0	0
Other(Mus)	8.42	153.41	0	0
Total	125.62	2194.97		
SOLAR				
Total	1.14	21.17	0	0
Total	1.14	21.17		
Tata				
Trombay 5	9.22	101.07	493	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.37	39.23	115	83
Trombay 7B	1.49	24.80	67	57
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.05	64.49	407	33
Total	17.12	265.36		
R-INFRA				
1-2	10.42	177.63	518	402
Total	10.42	177.63		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.98	1825.32
MSPGCL Thml+Gas	119.81	1989.47

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.30	97.83
MSPGCL Total	125.11	2087.30

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.95	39.49
State Total	288.33	4861.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Feb/2016

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	4415	99	460	4974	167	4940	0	4647	4167	-795	13453	5	13458	1654	15112	49.97
2	4400	99	471	4970	162	4733	0	4043	4126	-671	13320	4	13324	1532	14856	49.96
3	4439	104	468	5011	210	4733	0	3805	3957	-606	13305	4	13309	1464	14773	49.98
4	4418	104	464	4986	236	4734	0	3746	3798	-565	13189	4	13193	1428	14621	49.96
5	4412	99	463	4974	240	4720	0	3882	3817	-575	13176	4	13180	1434	14614	49.96
6	4417	99	460	4976	307	4741	0	4573	4507	-685	13846	4	13850	1548	15398	49.91
7	4689	209	463	5361	425	5103	0	4836	5047	-862	15074	4	15078	1776	16854	49.93
8	5038	375	462	5875	416	5417	6	4938	4841	-800	15755	4	15759	1881	17640	49.97
9	5240	118	459	5817	457	5673	51	5120	5364	-909	16453	4	16457	2195	18652	49.98
10	5227	124	445	5796	440	5703	103	5224	5395	-1043	16394	4	16398	2544	18942	49.96
11	5123	139	451	5713	513	5550	145	5281	5119	-1117	15923	4	15927	2711	18638	49.96
12	4948	139	438	5525	479	5504	173	5247	5118	-1137	15662	4	15666	2721	18387	49.98
13	4560	239	442	5241	449	5302	139	5160	5373	-1109	15395	4	15399	2681	18080	49.92
14	4504	230	432	5166	337	5309	161	5025	5470	-1092	15351	5	15356	2509	17865	49.96
15	4451	209	435	5095	282	5280	156	5026	5095	-1250	14658	5	14663	2535	17198	49.93
16	4384	544	445	5373	246	5320	114	5023	5532	-1168	15417	5	15422	2542	17964	49.92
17	4449	604	436	5489	256	5384	65	4954	4980	-1178	14996	5	15001	2531	17532	49.97
18	4329	332	448	5109	212	5417	23	4222	4373	-1240	13894	5	13899	2514	16413	50.00
19	4409	455	449	5313	273	5455	0	4552	4783	-1317	14507	5	14512	2520	17032	49.95
20	4496	498	448	5442	345	5526	0	5007	4852	-1350	14815	5	14820	2570	17390	49.99
21	4413	127	449	4989	510	5561	0	4856	4797	-1307	14550	5	14555	2395	16950	49.97
22	4121	102	450	4673	572	5459	0	4684	4518	-1324	13898	5	13903	2193	16096	50.05
23	4069	106	441	4616	743	5109	0	3922	4088	-1165	13391	5	13396	2031	15427	49.95
24	4032	146	452	4630	642	4943	0	3747	4184	-990	13409	5	13414	1888	15302	49.94
MUs	108.98	5.30	10.83	125.11	8.92	125.62	1.14	111.52	113.30	-24.26	349.83	0.11	349.94	51.80	401.74	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 17/Feb/2016

Position as on 6.30 Hrs of 18/Feb/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		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 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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Koyna Unit 4	75	05/02/2016	08.00	17/02/2016	20.50	injector shaft work	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
IPP	VIPL U-2	300	13/02/2016	04:59	17/02/2016	17.55	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Chandrapur Unit 3	210	17/02/2016	00.16		Continued.	BTL.	
MSPGCL	Khaparkheda Unit 3	210	17/02/2016	14.44	18/02/2016	04.24	Air heater jum	
MSPGCL	Nasik Unit 3	210	17/02/2016	20.15		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Feb/2016

Position as on 6.30 Hrs of 18/Feb/2016

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	18/02/2016	05.08	18/02/2016	06.46	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	17/02/2016	13.10	17/02/2016	14.55	T	due to jumper open(only base filter tripped)
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	16/02/2016	13.19	17/02/2016	06.42	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	16/02/2016	18.06	17/02/2016	06.54	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/02/2016	17.35		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/02/2016	18.01	18/02/2016	06.33	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
New Koyna - Koyna Stage IV-II	IntraState	16/02/2016	11.25	17/02/2016	17.06	PO	Shifted on TBC for Breaker Testing Work.
karad -kolhapur-I	IntraState	16/02/2016	16.31	17/02/2016	09.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/02/2016	16.35	17/02/2016	09.26	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/02/2016	21.49	17/02/2016	09.42	HT	Over Voltage
Koradi-India Bulls	IntraState	17/02/2016	07.19	17/02/2016	21.14	PO	Restrining of span of lines
Karad - Lonikand 1	IntraState	17/02/2016	10.29		Continued.	EO	Attending Hot Spot RFC 17.05
Main Bus-II @ Akola	IntraState	17/02/2016	11.40	17/02/2016	14.00	PO	PID work by hot line method
Nagothane - Dabhol I	IntraState	17/02/2016	12.30		Continued.	PO	CVT Replacement work RFC 22.58
Karad-Jaigad - I	IntraState	17/02/2016	16.11		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	17/02/2016	16.16		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/02/2016	17.44	17/02/2016	18.04	T	Distance Protection
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
TBC @ Magarpatta	IntraState	16/02/2016	12.00		Continued.	PO	For Breaker Overhauling work.
REL Borivali Aarey Line	IntraState	17/02/2016	02.19	17/02/2016	02.51	T	Distance Protection
Dahanu Boisar Line	IntraState	17/02/2016	02.28	17/02/2016	04.18	T	HT consumer PT Flashed.
Boisar-Viraj	IntraState	17/02/2016	02.28	17/02/2016	04.09	T	HT consumer PT Flashed.
Ongc Panvel - Tss Panvel	IntraState	17/02/2016	10.33	17/02/2016	18.28	PO	Attending Hot Spot
Karad-Nerle	IntraState	17/02/2016	11.05	17/02/2016	14.21	PO	Retrofitting work
Main Bus-I @ Gorai	IntraState	17/02/2016	11.21	17/02/2016	16.34	PO	Annual Maintenance Work
Tembhurni - Jeur	IntraState	17/02/2016	12.00	17/02/2016	17.40	PO	Testing Work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	17/02/2016	14.43	17/02/2016	19.17	PO	Retrofitting 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 17/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2016

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	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	15/02/2016	13.04		Continued.	PO	Work of Oil Filtration of ICT.