

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Feb/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.229	2057.779	1) Gujrat	1.530	16.420
2) Hydro	13.439	226.275	2) Madhya Pradesh	10.494	189.017
3) Gas	9.273	136.693	3) Chattisgarh	7.950	117.552
Total MSPGCL	174.941	2420.747	4) Maharashtra Net	135.941	2098.346
B) 1) APML	42.887	671.227	5) Goa (Amona)	-0.680	-9.216
2) JSWEL	9.697	140.837	Total	155.235	2412.119
3) VIPL	6.328	98.430	a) Mumbai Schedule	18.086	248.513
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.353	290.357
5) WPCL	4.563	58.396	c) MSEDCL Bilateral *	43.879	664.712
6) PGPL	0.000	7.780	Include PX	0.000	98.204
7) Other IPP	6.822	103.457	d) Mumbai Bilateral *	18.086	248.513
C) 1) TPCL Thermal	14.849	191.883	Include PX	7.175	86.981
2) TPCL Hydro	4.323	56.844	Include Standby	0.000	0.000
3) TPCL Gas	4.179	56.466	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.664	161.061	1) MSEDCL	391.796	5725.043
D) STATE			2) Mumbai Discoms	55.368	756.610
1) Thermal	248.039	3483.070	TOTAL STATE	447.164	6481.653
(A1+C1+C4+(B1-B6))					
2) Hydro	17.762	283.119			
(A2+C2)					
3) Gas	13.452	200.939			
(A3+B6+C3)					
4) Wind	11.457	83.748			
6) SOLAR	1.219	18.659			
TOTAL STATE	291.929	4069.535			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6736	6748	6560	5924
MSPGCL Hydro	527	1079	641	174
MSPGCL Gas	278	284	363	469
MSPGCL Total Generation	7541	8111	7564	6567
Central Sector Receipt	7652	7627	6288	5032
WIND	634	256	263	547
CPP / IPP Thermal	2951	2950	2948	2865
CPP / IPP Gas	0	0	0	0
SOLAR	191	126	1	0
Exchange with Mumbai	-1029	-1075	-1179	-518
MSEDCL DEMAND MET	17940	17995	15885	14493
Load Shedding	0	0	0	0
MSEDCL DEMAND	17940	17995	15885	14493
TPCL GENERATION	1307	1216	1095	663
R-INFRA GENERATION	493	502	419	387
MUMBAI DEMAND	2829	2793	2693	1568
STATE DEMAND MET	20769	20788	18578	16061
STATE DEMAND	20769	20788	18578	16061
Frequency (Hz)	50.02	49.99	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.00 Hrs	49.85 Hz at 17.09 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 15/Feb/2017

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	2.12	45.58	165	0
Unit 8	13.22	199.85	631	385
Unit 9	9.40	85.23	402	380
Unit 10	0.00	66.63	0	0
Total	24.75	397.29		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.86	1.86	170	0
Unit 4	10.90	164.60	515	360
Unit 5	10.85	125.28	510	360
Total	23.62	291.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.25	75.68	250	193
Unit 7	5.14	82.28	252	187
Unit 8	0.00	0.00	0	0
Total	10.39	157.97		
Chandrapur				
Unit 3	4.58	68.75	198	168
Unit 4	4.60	69.01	200	172
Unit 5	10.40	155.91	460	365
Unit 6	9.82	51.27	450	346
Unit 7	0.00	0.00	0	0
Unit 8	10.79	137.86	485	366
Unit 9	11.64	159.15	500	450
Total	51.83	641.94		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.35	82.00	257	197
Total	5.35	82.00		
Khaparkheda				
Unit 1	4.08	62.68	190	155
Unit 2	4.21	63.45	195	155
Unit 3	4.35	53.06	203	160
Unit 4	4.22	53.89	191	160
Unit 5	10.81	123.73	500	370
Total	27.68	356.80		
Nasik				
Unit 3	4.29	64.76	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.33	65.29	202	166
Total	8.62	130.05		
Uran				
All Units	9.27	136.69	469	264
Total	9.27	136.69		
PGPL				
Unit 1	0.00	4.70	0	0
Unit 2	0.00	3.08	0	0
Total	0.00	7.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.36	5.83	44	0
Total	0.36	5.83		
Koyna				
Stage 1-2	3.41	54.75	445	40
Stage 4	2.40	63.09	500	0
Stage 3	1.53	25.57	160	0
Total	7.34	143.42		
Hydro				
KDPH	0.99	11.52	42	41
VTRNA	0.46	12.37	59	0
TILLARI	0.42	7.11	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	3.23	40	0
RNGR+BHTSA	0.34	4.52	14	14
BHANDARDRA	0.66	4.72	28	27
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.84	11.09	43	32
GHATGHAR	2.09	28.29	250	0
Total	6.10	82.86		
Wind				
Total	11.46	83.75	0	0
Total	11.46	83.75		
CPP				
APML(Mus)	42.89	671.23	0	0
JSWEL(Mus)	9.70	140.84	0	0
VIPL(Mus)	6.33	98.43	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.56	58.40	0	0
Other(Mus)	6.82	103.46	0	0
Total	70.30	1072.35		
SOLAR				
Total	1.22	18.66	0	0
Total	1.22	18.66		
Tata				
Trombay 5	9.52	112.41	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	34.91	124	83
Trombay 7B	1.57	21.56	70	57
Trombay 8	5.33	79.47	249	200
TATA Hydro	4.32	56.84	459	6
Total	23.35	305.19		
R-INFRA				
1-2	10.66	161.06	510	386
Total	10.66	161.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.23	2057.78	MSPGCL Total	174.94	2420.75
			MSPGCL Thml+Gas	161.50	2194.47	Koyna 1,2 & 4 Total	5.81	117.84
			MSPGCL Hydro	13.44	226.28	State Total	291.93	4069.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Feb/2017

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			THM	GAS										
1	5978	339	457	6774	396	2843	0	0	5494	5550	-746	14817	0	14817	1794	16611	50.00
2	6024	219	456	6699	463	2866	0	0	5513	5143	-596	14575	0	14575	1645	16220	50.01
3	5924	174	469	6567	547	2865	0	0	5496	5032	-518	14493	0	14493	1568	16061	50.01
4	5828	169	456	6453	619	2734	0	0	5475	5326	-471	14661	0	14661	1523	16184	50.03
5	5969	159	455	6583	653	2788	0	0	5457	5415	-466	14973	0	14973	1516	16489	50.02
6	6323	154	465	6942	747	2919	0	0	5724	5678	-631	15655	0	15655	1681	17336	50.00
7	6573	524	455	7552	787	2956	0	0	6130	5985	-506	16774	0	16774	1793	18567	50.01
8	6632	730	458	7820	797	2965	0	13	6916	6640	-491	17744	0	17744	2052	19796	49.99
9	6602	941	455	7998	564	2971	0	52	7170	7224	-627	18182	0	18182	2334	20516	50.01
10	6612	1061	392	8065	614	2967	0	103	7109	6903	-854	17798	0	17798	2617	20415	50.04
11	6693	710	281	7684	839	2949	0	148	7244	6942	-1024	17538	0	17538	2831	20369	50.05
12	6736	527	278	7541	634	2951	0	191	7625	7652	-1029	17940	0	17940	2829	20769	50.02
13	6709	653	264	7626	327	2956	0	163	7583	7698	-969	17801	0	17801	2810	20611	50.03
14	6790	620	275	7685	247	2954	0	175	7561	7543	-976	17628	0	17628	2729	20357	50.03
15	6760	896	264	7920	233	2944	0	157	7582	7670	-1027	17897	0	17897	2768	20665	49.97
16	6748	1079	284	8111	256	2950	0	126	7570	7627	-1075	17995	0	17995	2793	20788	49.99
17	6581	1062	299	7942	267	2942	0	64	7293	7426	-1069	17572	0	17572	2782	20354	49.98
18	6573	898	307	7778	305	2926	0	26	6570	6924	-989	16970	0	16970	2739	19709	50.00
19	6560	641	363	7564	263	2948	0	1	6504	6288	-1179	15885	0	15885	2693	18578	49.99
20	6424	493	382	7299	274	3009	0	0	6522	6413	-1263	15732	0	15732	2680	18412	50.01
21	5913	364	421	6698	273	2955	0	0	6588	6598	-1367	15157	0	15157	2523	17680	50.00
22	5752	320	432	6504	320	2915	0	0	6099	6328	-1286	14781	0	14781	2375	17156	50.03
23	5749	359	454	6562	436	3031	0	0	5688	5612	-1149	14492	0	14492	2205	16697	49.99
24	5776	347	451	6574	596	2993	0	0	5536	5618	-1045	14736	0	14736	2088	16824	50.03
MUs	152.23	13.44	9.27	174.94	11.46	70.30	0.00	1.22	156.45	155.24	-21.35	391.80	0.00	391.80	55.37	447.16	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 15/Feb/2017

Position as on 6.30 Hrs of 16/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02	15/02/2017	09.30	Zero Schedule by MSEDCL (Synchronized for generation support during upgradation work of 132 kV Deepnagar-Khadka Ckt I & II	
IPP	Adani U-1	660	06/11/2016	11.10	15/02/2017	19.04	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Feb/2017

Position as on 6.30 Hrs of 16/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyana Unit 9	80	14/02/2017	11.00		Continued.	Emergency Outage for Maintenance.	
MSPGCL	Bhusawal Unit 3	210	15/02/2017	09.35	15/02/2017	10.18	Low Vaccum	
MSPGCL	Uran Unit 6	108	15/02/2017	09.44	15/02/2017	15.58	Gas shortage	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2017

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							
Dhule Sar'Sarovar I	InterState	14/02/2017	17.41	15/02/2017	06.59	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/02/2017	18.04		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/02/2017	16.36	15/02/2017	08.31	HT	Over Voltage
karad -kolhapur-II	IntraState	14/02/2017	16.40	15/02/2017	08.29	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/02/2017	17.38	15/02/2017	07.04	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	15/02/2017	08.07	15/02/2017	19.40	PO	CB Maint.work
Bhusawal-Aurangabad	IntraState	15/02/2017	17.50	16/02/2017	06.13	HT	Over Voltage
karad -kolhapur-I	IntraState	15/02/2017	20.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/02/2017	20.18		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	16/02/2017	06.08		Continued.	EO	A Bus section Jumpering work
220 KV LINE Outages/Trippings							
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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Kharghar-Panvel TSS	IntraState	14/02/2017	08.05		Continued.	PO	Bunching Work of TSS-Kharghar & Kharghar-MSL-PGPL Ckt & Jumper Remove.
Kharghar-PGPL	IntraState	14/02/2017	08.35		Continued.	PO	Bunching Work of TSS Kharghar & Kharghar-MSL-PGPL Ckt & Jumper Remove.
GIS Bhandup - Borivali	IntraState	15/02/2017	08.36	15/02/2017	19.24	PO	Spacer work
Butibori - Khaperkheda	IntraState	15/02/2017	09.42	15/02/2017	18.26	PO	Replacement of B Phase CT
Beed-Manjarsumba	IntraState	15/02/2017	10.05	15/02/2017	12.37	PO	Quarterly Maintanance Work
Uran - Apta III	IntraState	15/02/2017	10.22	15/02/2017	13.00	PO	Routine Maintenance Work
Butibori-Sunvijay	IntraState	15/02/2017	11.02	15/02/2017	16.50	PO	Tan Delta Measurment of CTs
Dahanu Ghodbunder Line 1	IntraState	15/02/2017	11.33	15/02/2017	12.44	T	Bus Bar Prot.operated at Ghodbunder
Ghodbunder - Gorai	IntraState	15/02/2017	11.33	15/02/2017	12.10	T	Bus Bar Protection Operated
Dahanu Ghodbunder Line 2	IntraState	15/02/2017	11.51	15/02/2017	12.12	T	Bus Bar Prot.operated at Ghodbunder
Ghodbunder - Versova	IntraState	15/02/2017	11.51	15/02/2017	12.03	T	Bus Bar Protection Operated
Khaparkheda-Kalmeshwar	IntraState	15/02/2017	12.29	15/02/2017	16.30	PO	Tan Delta Measurment of CTs
Uran - Apta IV	IntraState	15/02/2017	13.40	15/02/2017	15.54	PO	Routine Maintenance Work
karad - Dasgaon	IntraState	15/02/2017	13.50	15/02/2017	17.53	PO	line Signature Analysis
Ghatghar - Bapgaon	IntraState	15/02/2017	14.43	15/02/2017	15.50	T	Distance Protection
karad - Dasgaon	IntraState	15/02/2017	18.08	15/02/2017	20.00	PO	Bunching removed and make it normal
220 KV ICT Outages/Trippings							
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)
220/33kV 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	15/02/2017	11.33	15/02/2017	12.17	T	Bus Bar Protection Operated
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	15/02/2017	11.33	15/02/2017	12.15	T	Bus Bar Protection Operated
220/33kV 100 MVA Transformer 2	IntraState	15/02/2017	11.51	15/02/2017	12.07	T	Bus Bar Protection Operated

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 15/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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@Ghodbunder R/S