

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Feb/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.305	315.343	1) Gujrat	-2.654	-6.706
2) Hydro	8.078	19.852	2) Madhya Pradesh	6.073	21.669
3) Gas	10.921	32.200	3) Chattisgarh	4.500	13.530
Total MSPGCL	119.304	367.395	4) Maharashtra Net	80.162	221.982
B) 1) APLM	63.603	186.990	5) Goa (Amona)	-0.454	-1.580
2) JSWEL	24.387	73.651	6) TAPS 1&2 Injection	3.730	11.180
3) VIPL	11.697	32.816	7) RGPPL Injection	11.731	35.061
4) RPL(AMT)	24.537	72.260	8) Pench (MS)	0.589	1.895
5) WPCL	4.858	12.887	9) Pench (Excess)	-0.589	-1.831
6) Other IPP	9.747	29.791	Total	102.499	293.305
C) 1) TPCL Thermal	5.483	16.263	a) Mumbai Schedule	19.616	55.190
2) TPCL Hydro	4.857	14.226	b) Mumbai Drawl	25.461	76.453
3) TPCL Gas	3.176	11.290	c) MSEDCL Bilateral *	27.568	83.038
4) R-INFRA Thermal	11.239	33.557	Include PX	-4.154	-11.026
D) STATE			d) Mumbai Bilateral *	19.616	55.190
1) Thermal	255.856	773.558	Include PX	2.313	5.799
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.935	34.078	H) ENERGY CATERED (MUs)		
3) Gas	14.097	43.490	1) MSEDCL	341.362	1012.059
4) Wind	4.879	15.570	2) Mumbai Discoms	50.216	151.790
6) SOLAR	1.312	3.847	TOTAL STATE	391.578	1163.849
TOTAL STATE	289.079	870.543			

* 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 3 Hrs
MSPGCL Thermal	4673	4303	3918	4279
MSPGCL Hydro	714	465	314	118
MSPGCL Gas	474	427	453	466
MSPGCL Total Generation	5861	5195	4685	4863
Central Sector Receipt	4580	5025	4996	2838
WIND	145	83	280	306
CPP / IPP	6491	6135	5749	5298
SOLAR	124	190	0	0
Exchange with Mumbai	-1028	-1283	-1187	-709
MSEDCL DEMAND MET	16173	15345	14523	12596
Load Shedding	15	8	13	5
MSEDCL DEMAND	16188	15353	14536	12601
TPCL GENERATION	843	802	751	323
R-INFRA GENERATION	516	514	516	400
MUMBAI DEMAND	2387	2599	2454	1432
STATE DEMAND MET	18560	17944	16977	14028
STATE DEMAND	18575	17952	16990	14033
Frequency (Hz)	49.96	50.00	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18:03 Hrs	49.76 Hz at 05:12 Hrs	49.98	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 03/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.64	10.80	160	135
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	1.68	26.29	382	0
Total	5.32	37.09		
Bhusawal				
Unit 2	4.09	12.20	185	165
Unit 3	4.00	12.02	170	160
Unit 4	9.29	27.00	500	360
Unit 5	9.38	27.74	500	365
Total	26.76	78.96		
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	4.24	12.51	210	151
Unit 4	4.24	12.47	199	160
Unit 5	9.45	27.85	450	355
Unit 6	9.65	28.75	430	377
Unit 7	0.00	0.00	0	0
Total	27.58	81.58		
Paras				
Unit 3	5.12	10.05	246	186
Unit 4	5.36	15.51	260	191
Total	10.48	25.56		
Khaparkheda				
Unit 1	3.78	11.42	165	150
Unit 2	3.90	11.79	185	155
Unit 3	0.00	3.93	0	0
Unit 4	3.89	10.73	192	150
Unit 5	10.28	30.11	500	370
Total	21.85	67.97		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	12.03	200	158
Unit 5	4.18	12.17	194	155
Total	8.32	24.20		
Uran				
All Units	10.92	32.20	491	421
Total	10.92	32.20		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.59	1.90	42	0
Total	0.59	1.90		
Koyna				
Stage 1-2	2.70	6.53	355	40
Stage 4	0.34	0.81	205	0
Stage 3	1.26	2.23	240	0
Total	4.30	9.57		
Hydro				
KDPH	0.43	1.28	18	18
VTRNA	0.00	0.28	0	0
TILLARI	0.12	0.12	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.90	80	0
RNGR+BHTSA	0.25	0.78	11	10
BHANDARDRA	0.45	0.94	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.74	1.59	31	30
GHATGHAR	1.48	4.38	270	0
Total	3.78	10.28		
Wind				
Total	4.88	15.57	0	0
Total	4.88	15.57		
CPP				
APML(Mus)	63.60	186.99	0	0
JSWEL(Mus)	24.39	73.65	0	0
VIPL(Mus)	11.70	32.82	0	0
RPLAMT(Mus)	24.54	72.26	0	0
WPCL(Mus)	4.86	12.89	0	0
Other(Mus)	9.75	29.79	0	0
Total	138.83	408.40		
SOLAR				
Total	1.31	3.85	0	0
Total	1.31	3.85		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.87	6.89	111	59
Trombay 7B	1.31	4.40	66	47
Trombay 8	5.48	16.26	244	199
TATA Hydro	4.86	14.23	446	9
Total	13.52	41.78		
R-INFRA				
1-2	11.24	33.56	518	398
Total	11.24	33.56		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	100.30	315.34
MSPGCL Thml+Gas	111.23	347.54

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.08	19.85
MSPGCL Total	119.30	367.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.04	7.34
State Total	289.08	870.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	4295	117	462	4874	218	5310	0	3155	3455	-895	12962	5	12967	1617	14584	49.97
2	4291	118	463	4872	317	5294	0	3212	3048	-773	12758	5	12763	1495	14258	49.99
3	4279	118	466	4863	306	5298	0	3091	2838	-709	12596	5	12601	1432	14033	50.00
4	4264	118	473	4855	318	5298	0	2881	2891	-657	12705	5	12710	1379	14089	49.96
5	4006	163	474	4643	284	5300	0	2989	3266	-683	12810	5	12815	1399	14214	50.00
6	3871	203	465	4539	249	5269	0	3894	3959	-787	13229	8	13237	1510	14747	49.95
7	4116	617	485	5218	226	5647	0	4570	4477	-994	14574	8	14582	1752	16334	49.92
8	4490	847	465	5802	212	6247	8	4724	4757	-843	16183	8	16191	1886	18077	49.92
9	4628	758	466	5852	168	6460	59	4752	4540	-915	16164	8	16172	2092	18264	49.99
10	4673	714	474	5861	145	6491	124	4890	4580	-1028	16173	15	16188	2387	18575	49.96
11	4412	684	453	5549	139	6183	157	5023	4866	-1219	15675	30	15705	2599	18304	49.97
12	4274	649	438	5361	128	6322	181	5041	5157	-1254	15895	12	15907	2608	18515	49.99
13	4303	465	427	5195	83	6135	190	4952	5025	-1283	15345	8	15353	2599	17952	50.00
14	4329	240	422	4991	71	6152	187	4829	4915	-1249	15067	8	15075	2500	17575	50.00
15	4326	223	425	4974	93	6131	161	4872	4965	-1198	15126	5	15131	2509	17640	49.99
16	4336	213	421	4970	109	6121	135	4918	4974	-1204	15105	5	15110	2501	17611	49.96
17	3997	128	450	4575	138	5917	84	4914	5210	-1224	14700	5	14705	2503	17208	49.95
18	3920	153	435	4508	185	5766	26	4096	4321	-1262	13544	5	13549	2448	15997	50.00
19	3924	266	446	4636	248	5775	0	4369	4389	-1185	13863	5	13868	2452	16320	49.97
20	3918	314	453	4685	280	5749	0	4923	4996	-1187	14523	13	14536	2454	16990	49.98
21	3936	136	450	4522	305	5581	0	4859	4835	-1261	13982	13	13995	2199	16194	49.99
22	3928	123	455	4506	226	5446	0	4011	4353	-1323	13208	13	13221	2138	15359	50.01
23	3888	398	491	4777	245	5490	0	3033	3493	-1257	12748	13	12761	1978	14739	49.97
24	3901	313	462	4676	186	5448	0	2853	3189	-1071	12428	13	12441	1779	14220	49.98
MUs	100.30	8.08	10.92	119.30	4.88	138.83	1.31	100.85	102.50	-25.46	341.36	0.22	341.58	50.22	391.80	49.98

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 03/Feb/2016

Position as on 6.30 Hrs of 04/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	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	26/01/2016	21.55		Continued.	Boiler Maintenance work	
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 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	
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	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
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	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	28/01/2016	22.50		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	30/01/2016	00.02		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Khaparkheda Unit 3	210	02/02/2016	00.18		Continued.	To Attend Bottom Ash Hopper Leakage.	
MSPGCL	Koyana Unit 4	75	02/02/2016	08.40	04/02/2016	02.35	injection water pipe leakage	
MSPGCL	Koradi Unit-8	660	03/02/2016	04.28		Continued.	Superheater Temp.High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2016

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	02/02/2016	16.46	03/02/2016	07.49	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/02/2016	18.36	03/02/2016	07.10	HT	Over Voltage
Karad Solapur (PG)	InterState	03/02/2016	11.22	03/02/2016	16.50	PO	Quarterly Maintanance Work
Dhule Sar'Sarovar II	InterState	03/02/2016	13.06	03/02/2016	15.18	T	Over Voltage
Dhule Sar'Sarovar I	InterState	03/02/2016	13.06		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	03/02/2016	17.48		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21		Continued.	PO	Change Over.
Lonikand I - Koyna stage-IV	IntraState	31/01/2016	17.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	02/02/2016	16.32	03/02/2016	09.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/02/2016	16.44	03/02/2016	09.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/02/2016	17.34	03/02/2016	07.24	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/02/2016	00.02	03/02/2016	06.12	EO	Stringing of OPGW wire
Lonikand I - Koyna stage-IV	IntraState	03/02/2016	06.11	03/02/2016	15.40	OO	Insulator string Replacement Work RFC 15.40
Karad - Jaigad - II	IntraState	03/02/2016	16.32		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	03/02/2016	16.47		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/02/2016	17.56		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	02/02/2016	08.28	03/02/2016	19.15	PO	Insulator Replacement Work
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).
Hinjawadi I- Chinchwad	IntraState	25/01/2016	09.54		Continued.	PO	For Urse-Chinchwad Outage
Urse-Chinchwad	IntraState	25/01/2016	10.33		Continued.	PO	Lilo Arrangement.
Topworth - Kharghar	IntraState	30/01/2016	09.27		Continued.	PO	Repl.of Old damaged Tower
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
Uran - Kharghar I	IntraState	03/02/2016	07.27	03/02/2016	07.27	T	Distance Protection
Lamboti-Vita	IntraState	03/02/2016	09.20	03/02/2016	11.08	PO	for making LILO arrengmt on 220kv pandherpur-malinager line
Urse - Talegaon (Ambi) Ckt 1	IntraState	03/02/2016	09.48	03/02/2016	18.41	PO	Testing Work
Nashik-Padgha	IntraState	03/02/2016	09.50	03/02/2016	18.48	PO	Disc Insulator Replacement Work
Karad - Vita Ckt- II	IntraState	03/02/2016	10.36	04/02/2016	00.10	PO	Retrofitting of numerical realy
Pedambe-Nerle	IntraState	03/02/2016	10.50	03/02/2016	16.00	PO	Attending Hot Spot
Ongc Uran - Jnpt	IntraState	03/02/2016	16.00	03/02/2016	19.07	PO	Testing Work
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	04/02/2016	02.20	04/02/2016	02.52	T	Distance Protection

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 03/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	03/02/2016	18.42		Continued.	T	Distance Protection Operated Z-I Y Ph.
Telgaon - Majalgaon	IntraState	03/02/2016	20.01	03/02/2016	20.14	T	Distance Protection Operated Z-I R Ph A/R Louk Out.