

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Feb/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.469	2032.509	1) Gujrat	-6.506	-63.515
2) Hydro	5.350	107.274	2) Madhya Pradesh	9.148	160.635
3) Gas	10.577	185.507	3) Chattisgarh	6.660	97.600
Total MSPGCL	124.396	2325.290	4) Maharashtra Net	83.504	1439.704
B) 1) APML	62.948	1145.426	5) Goa (Amona)	-0.518	-9.126
2) JSWEL	26.356	472.759	6) TAPS 1&2 Injection	3.689	63.683
3) VIPL	11.256	180.785	7) RGPPL Injection	11.690	220.378
4) RPL(AMT)	15.366	395.145	8) Pench (MS)	0.666	9.084
5) WPCL	4.742	86.788	9) Pench (Excess)	-0.666	-9.020
6) Other IPP	9.019	171.015	Total	107.001	1900.339
C) 1) TPCL Thermal	9.335	154.484	a) Mumbai Schedule	16.683	307.524
2) TPCL Hydro	3.258	71.540	b) Mumbai Drawl	25.021	429.901
3) TPCL Gas	3.301	71.222	c) MSEDCL Bilateral *	31.762	552.228
4) R-INFRA Thermal	10.908	198.818	Include PX	-1.935	-65.908
D) STATE			d) Mumbai Bilateral *	16.683	307.524
1) Thermal	258.399	4837.729	Include PX	0.456	18.844
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.608	178.814	H) ENERGY CATERED (MUs)		
3) Gas	13.878	256.729	1) MSEDCL	343.475	6405.509
4) Wind	6.265	134.226	2) Mumbai Discoms	51.820	925.960
6) SOLAR	1.147	23.637	TOTAL STATE	395.295	7331.469
TOTAL STATE	288.297	5431.135			

* 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 3 Hrs
MSPGCL Thermal	5135	5018	4271	4343
MSPGCL Hydro	330	223	142	90
MSPGCL Gas	447	441	450	456
MSPGCL Total Generation	5912	5682	4863	4889
Central Sector Receipt	5016	4657	5189	3234
WIND	185	82	451	372
CPP / IPP	5979	5895	5450	4946
SOLAR	139	165	0	0
Exchange with Mumbai	-1102	-1146	-1513	-622
MSEDCL DEMAND MET	16129	15335	14440	12819
Load Shedding	5	5	6	5
MSEDCL DEMAND	16134	15340	14446	12824
TPCL GENERATION	1055	1055	600	461
R-INFRA GENERATION	517	519	405	405
MUMBAI DEMAND	2674	2720	2518	1488
STATE DEMAND MET	18803	18055	16958	14307
STATE DEMAND	18808	18060	16964	14312
Frequency (Hz)	49.90	49.91	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06:01 Hrs	49.68 Hz at 09:14 Hrs	49.93	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 19/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	62.24	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.37	5.10	150	125
Unit 8	8.66	104.01	368	360
Total	12.03	171.35		
Bhusawal				
Unit 2	4.12	75.70	180	160
Unit 3	4.02	65.74	175	155
Unit 4	0.00	121.46	0	0
Unit 5	9.32	141.68	500	350
Total	17.47	404.58		
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	0.00	66.94	0	0
Unit 4	4.21	78.71	195	164
Unit 5	9.48	175.42	485	360
Unit 6	9.58	181.38	430	379
Unit 7	8.81	120.12	434	334
Total	32.07	622.56		
Paras				
Unit 3	5.12	90.50	252	186
Unit 4	5.33	96.95	258	186
Total	10.45	187.46		
Khaparkheda				
Unit 1	3.92	68.58	180	140
Unit 2	3.76	65.98	170	135
Unit 3	4.08	53.13	202	151
Unit 4	4.04	73.27	200	155
Unit 5	9.73	185.83	500	363
Total	25.52	446.78		
Nasik				
Unit 3	0.00	47.16	0	0
Unit 4	4.20	77.21	193	158
Unit 5	4.28	72.14	196	152
Total	8.48	196.50		
Uran				
All Units	10.58	185.51	460	319
Total	10.58	185.51		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.67	9.08	49	0
Total	0.67	9.08		
Koyna				
Stage 1-2	2.72	38.79	435	40
Stage 4	0.44	6.36	170	0
Stage 3	0.89	10.95	112	0
Total	4.04	56.09		
Hydro				
KDPH	0.66	7.06	36	16
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.	0.12	4.32	40	0
RNGR+BHTSA	0.00	4.10	0	0
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	13.83	22	21
GHATGHAR	0.00	15.18	0	0
Total	1.31	51.18		
Wind				
Total	6.26	134.23	0	0
Total	6.26	134.23		
CPP				
APML(Mus)	62.95	1145.43	0	0
JSWEL(Mus)	26.36	472.76	0	0
VIPL(Mus)	11.26	180.78	0	0
RPLAMT(Mus)	15.37	395.14	0	0
WPCL(Mus)	4.74	86.79	0	0
Other(Mus)	9.02	171.02	0	0
Total	129.69	2451.92		
SOLAR				
Total	1.15	23.64	0	0
Total	1.15	23.64		
Tata				
Trombay 5	9.34	118.71	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.95	43.58	115	58
Trombay 7B	1.35	27.64	68	46
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.26	71.54	390	0
Total	15.89	297.25		
R-INFRA				
1-2	10.91	198.82	519	403
Total	10.91	198.82		

Infirm Power	Chandrapur 8	0.00	Koradi 9	2.44
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.47	2032.51
MSPGCL Thml+Gas	119.05	2218.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.35	107.27
MSPGCL Total	124.40	2325.29

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.16	45.15
State Total	288.30	5431.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	4325	100	456	4881	387	4936	0	3755	3688	-818	13074	6	13080	1680	14760	49.90
2	4304	80	456	4840	433	4947	0	3663	3522	-697	13045	5	13050	1559	14609	49.95
3	4343	90	456	4889	372	4946	0	3542	3234	-622	12819	5	12824	1488	14312	49.98
4	4316	85	458	4859	335	4954	0	3584	3584	-597	13135	5	13140	1458	14598	49.96
5	4301	90	458	4849	353	4963	0	3742	3742	-591	13316	5	13321	1456	14777	49.93
6	4251	80	459	4790	253	4988	0	4441	4402	-690	13743	5	13748	1555	15303	49.88
7	4535	197	460	5192	227	5371	0	4947	4765	-765	14790	5	14795	1713	16508	49.96
8	4910	207	460	5577	172	5879	11	5017	5006	-767	15878	5	15883	1859	17742	49.97
9	5053	160	456	5669	186	5959	63	5031	5061	-869	16069	5	16074	2204	18278	49.95
10	5075	275	446	5796	228	5994	111	5046	4948	-994	16083	5	16088	2492	18580	49.91
11	5135	330	447	5912	185	5979	139	5105	5016	-1102	16129	5	16134	2674	18808	49.90
12	5135	223	439	5797	129	5969	163	4983	5040	-1165	15933	5	15938	2727	18665	49.96
13	5018	223	441	5682	82	5895	165	4899	4657	-1146	15335	5	15340	2720	18060	49.91
14	4521	183	420	5124	56	5615	165	4895	5101	-1094	14967	6	14973	2525	17498	49.97
15	4477	198	439	5114	42	5546	154	5005	5109	-1157	14808	6	14814	2543	17357	49.92
16	4485	435	415	5335	63	5568	97	5007	5173	-1163	15073	6	15079	2534	17613	49.92
17	4471	263	319	5053	158	5577	51	4913	4868	-1189	14518	6	14524	2522	17046	49.93
18	4426	98	437	4961	179	5527	27	4178	4076	-1414	13356	6	13362	2491	15853	49.95
19	4334	98	423	4855	274	5492	1	4163	4058	-1461	13219	6	13225	2474	15699	49.95
20	4271	142	450	4863	451	5450	0	5077	5189	-1513	14440	6	14446	2518	16964	49.95
21	4186	97	445	4728	576	5193	0	4948	4994	-1543	13948	6	13954	2423	16377	49.90
22	4179	347	437	4963	416	5012	0	4320	4407	-1390	13408	6	13414	2232	15646	49.92
23	4139	682	447	5268	370	4971	0	3670	3770	-1182	13197	6	13203	2058	15261	49.91
24	4079	667	453	5199	338	4954	0	3954	3591	-1092	12990	6	12996	1918	14914	49.94
MUs	108.27	5.35	10.58	124.20	6.26	129.69	1.15	107.89	107.00	-25.02	343.27	0.13	343.41	51.82	395.23	49.93

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 19/Feb/2016

Position as on 6.30 Hrs of 20/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	
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	
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	
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.	
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	Nasik Unit 3	210	17/02/2016	20.15		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 20/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							
Kolhapur Solapur (PG) II	InterState	18/02/2016	17.16	19/02/2016	07.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/02/2016	17.17	19/02/2016	06.51	HT	Over Voltage
Talegaon PG - Aurangabad - II	InterState	19/02/2016	09.51		Continued.	PO	TBC Isolator problem at Waluj end
Dhule Sar'Sarovar I	InterState	19/02/2016	17.11		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	19/02/2016	17.15	20/02/2016	06.36	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
karad -kolhapur-II	IntraState	18/02/2016	16.11	19/02/2016	10.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/02/2016	16.34	19/02/2016	10.48	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/02/2016	22.21	19/02/2016	09.00	HT	Over Voltage
karad -kolhapur-I	IntraState	19/02/2016	16.40		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/02/2016	16.42		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/02/2016	21.52		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	19/02/2016	15.16	19/02/2016	18.28	PO	Relay Retrofitting Work by Testing
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
Ambazari-Amravati	IntraState	18/02/2016	08.40	19/02/2016	20.41	PO	Erection of New Cut Point Tower and Dismantle broken suspension Tower
Kamba - Kolshet	IntraState	19/02/2016	09.57	19/02/2016	18.12	PO	LILO work at Kamba end
Padghe - Jambhul 2	IntraState	19/02/2016	10.07	19/02/2016	13.58	PO	Jumpering work on C Bus in S/stn.
Wardha - Wardharlytss1	IntraState	19/02/2016	11.09	19/02/2016	14.04	PO	Measurement of CRM and CB Timing
Anandnagar - Pal	IntraState	19/02/2016	12.02	19/02/2016	12.07	T	100MVA T/F commissioning work
Padghe - Jambhul 1	IntraState	19/02/2016	15.10		Continued.	PO	Strengthening of A and B Bus concreat structure(For 8 Days)
Flagship-Nandedcity	IntraState	19/02/2016	22.46	19/02/2016	22.10	PO	For Bunching at Loc.No.62
Chakan-Chinchwad	IntraState	19/02/2016	23.03	20/02/2016	06.00	PO	Multi Circuit Tower Erection for increase height of Conductor from Loc.35 to 41
Telco- Chinchwad	IntraState	19/02/2016	23.10	20/02/2016	06.06	PO	Multi Circuit Tower Erection for increase height of Conductor from Loc.35 to 41
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now

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 19/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 20/Feb/2016

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