

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Feb/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.123	2822.564	1) Gujrat	-2.320	-82.824
2) Hydro	4.386	153.582	2) Madhya Pradesh	14.225	239.633
3) Gas	10.809	254.364	3) Chattisgarh	6.830	138.880
Total MSPGCL	126.318	3230.510	4) Maharashtra Net	78.613	1987.154
B) 1) APML	64.118	1608.129	5) Goa (Amona)	-0.558	-12.372
2) JSWEL	25.189	650.687	6) TAPS 1&2 Injection	3.593	89.560
3) VIPL	11.066	266.052	7) RGPPL Injection	11.660	302.135
4) RPL(AMT)	15.223	508.809	8) Pench (MS)	0.098	12.731
5) WPCL	4.939	117.477	9) Pench (Excess)	-0.098	-12.667
6) Other IPP	9.408	235.887	Total	111.945	2649.499
C) 1) TPCL Thermal	9.516	221.973	a) Mumbai Schedule	17.550	431.472
2) TPCL Hydro	3.836	93.373	b) Mumbai Drawl	24.974	590.764
3) TPCL Gas	4.127	99.730	c) MSEDCL Bilateral *	30.756	764.663
4) R-INFRA Thermal	10.341	276.591	Include PX	-0.102	-71.662
D) STATE			d) Mumbai Bilateral *	17.550	431.472
1) Thermal	260.923	6708.169	Include PX	3.161	31.107
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.222	246.955	H) ENERGY CATERED (MUs)		
3) Gas	14.936	354.094	1) MSEDCL	348.481	8886.302
4) Wind	4.018	177.848	2) Mumbai Discoms	52.792	1282.423
6) SOLAR	1.231	32.168	TOTAL STATE	401.273	10168.725
TOTAL STATE	289.330	7519.234			

* 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 5 Hrs
MSPGCL Thermal	5292	4682	4506	4221
MSPGCL Hydro	225	202	474	118
MSPGCL Gas	455	431	453	463
MSPGCL Total Generation	5972	5315	5433	4802
Central Sector Receipt	4903	5452	4507	4143
WIND	46	48	257	188
CPP / IPP	5998	5633	5403	4931
SOLAR	165	188	0	0
Exchange with Mumbai	-1101	-1307	-1316	-597
MSEDCL DEMAND MET	15983	15329	14284	13467
Load Shedding	5	5	5	5
MSEDCL DEMAND	15988	15334	14289	13472
TPCL GENERATION	1084	1019	873	469
R-INFRA GENERATION	519	402	401	403
MUMBAI DEMAND	2704	2728	2590	1469
STATE DEMAND MET	18687	18057	16874	14936
STATE DEMAND	18692	18062	16879	14941
Frequency (Hz)	49.94	49.96	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 18.02 Hrs	49.72 Hz at 05.41 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 26/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	3.96	31.15	177	131
Unit 8	8.41	161.32	355	350
Total	12.37	254.71		
Bhusawal				
Unit 2	4.08	104.33	180	160
Unit 3	4.08	94.46	185	165
Unit 4	0.00	121.46	0	0
Unit 5	9.18	211.16	505	350
Total	17.34	531.42		
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	4.20	93.89	199	165
Unit 4	4.14	108.61	193	160
Unit 5	9.30	244.81	475	360
Unit 6	5.77	202.50	340	0
Unit 7	9.34	187.86	470	356
Total	32.75	837.67		
Paras				
Unit 3	4.86	133.03	242	144
Unit 4	5.29	135.58	254	190
Total	10.15	268.60		
Khaparkheda				
Unit 1	3.80	99.96	170	150
Unit 2	3.96	97.72	185	160
Unit 3	4.07	83.31	200	160
Unit 4	3.98	102.64	187	156
Unit 5	9.72	259.97	520	365
Total	25.52	643.60		
Nasik				
Unit 3	4.38	74.09	200	160
Unit 4	4.23	106.76	194	158
Unit 5	4.38	102.46	200	163
Total	12.99	283.31		
Uran				
All Units	10.81	254.36	466	423
Total	10.81	254.36		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	12.73	25	0
Total	0.10	12.73		
Koyna				
Stage 1-2	1.48	57.70	355	40
Stage 4	0.36	15.79	200	0
Stage 3	0.39	16.00	80	0
Total	2.23	89.50		
Hydro				
KDPH	0.72	11.59	35	17
VTRNA	0.00	0.28	0	0
TILLARI	0.18	2.42	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.69	40	0
RNGR+BHTSA	0.25	5.79	11	10
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.77	18.24	33	32
GHATGHAR	0.00	15.18	0	0
Total	2.16	64.08		
Wind				
Total	4.02	177.85	0	0
Total	4.02	177.85		
CPP				
APML(Mus)	64.12	1608.13	0	0
JSWEL(Mus)	25.19	650.69	0	0
VIPL(Mus)	11.07	266.05	0	0
RPLAMT(Mus)	15.22	508.81	0	0
WPCL(Mus)	4.94	117.48	0	0
Other(Mus)	9.41	235.89	0	0
Total	129.94	3387.04		
SOLAR				
Total	1.23	32.17	0	0
Total	1.23	32.17		
Tata				
Trombay 5	9.52	186.20	495	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	61.32	120	92
Trombay 7B	1.55	38.41	69	59
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.84	93.37	435	9
Total	17.48	415.08		
R-INFRA				
1-2	10.34	276.59	519	401
Total	10.34	276.59		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.12	2822.56
MSPGCL Thml+Gas	121.93	3076.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.39	153.58
MSPGCL Total	126.32	3230.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.84	73.50
State Total	289.33	7519.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4154	118	463	4735	258	5281	0	4551	4741	-834	14181	5	14186	1706	15892	49.97
2	4148	118	463	4729	231	5179	0	4595	4327	-708	13758	5	13763	1582	15345	49.93
3	4089	128	464	4681	246	4935	0	4456	4407	-633	13636	5	13641	1505	15146	49.93
4	4162	123	463	4748	237	4940	0	4280	4332	-588	13669	5	13674	1460	15134	49.92
5	4221	118	463	4802	188	4931	0	4594	4143	-597	13467	5	13472	1469	14941	49.94
6	4539	118	461	5118	126	5104	0	4756	4418	-678	14088	5	14093	1586	15679	49.87
7	4956	128	465	5549	103	5778	1	4800	4963	-646	15748	5	15753	1757	17510	49.92
8	5067	347	463	5877	102	5927	14	4815	4883	-723	16080	5	16085	1933	18018	49.92
9	5203	422	466	6091	83	5932	66	4827	4876	-929	16119	5	16124	2252	18376	49.95
10	5349	340	450	6139	54	6001	106	4922	4852	-1014	16138	5	16143	2514	18657	49.94
11	5292	225	455	5972	46	5998	165	5047	4903	-1101	15983	5	15988	2704	18692	49.94
12	4867	216	426	5509	42	5796	166	5104	5035	-1207	15341	5	15346	2767	18113	49.93
13	4682	202	431	5315	48	5633	188	5046	5452	-1307	15329	5	15334	2728	18062	49.96
14	4697	157	429	5283	103	5591	152	4887	4903	-1173	14859	5	14864	2543	17407	50.02
15	4667	181	435	5283	107	5609	145	4964	4922	-1232	14834	5	14839	2568	17407	49.90
16	4681	202	428	5311	117	5562	119	4998	4959	-1247	14821	5	14826	2586	17412	49.97
17	4715	128	447	5290	134	5419	84	4876	5105	-1229	14803	5	14808	2589	17397	49.96
18	4609	104	439	5152	138	5277	24	3999	4230	-1366	13455	5	13460	2566	16026	49.99
19	4588	104	423	5115	229	5315	1	3851	4085	-1371	13374	5	13379	2525	15904	50.02
20	4506	474	453	5433	257	5403	0	4907	4507	-1316	14284	5	14289	2590	16879	49.95
21	4512	116	453	5081	306	5331	0	4739	4771	-1432	14057	5	14062	2517	16579	50.01
22	4487	110	454	5051	307	5088	0	4499	4606	-1389	13663	5	13668	2296	15964	50.03
23	4468	106	453	5027	295	4981	0	4350	4283	-1210	13376	5	13381	2115	15496	49.97
24	4461	101	462	5024	261	4932	0	4339	4242	-1044	13415	5	13420	1936	15356	49.98
MUs	111.1 2	4.39	10.81	126.32	4.02	129.94	1.23	112.20	111.94	-24.97	348.48	0.12	348.60	52.79	401.39	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 26/Feb/2016

Position as on 6.30 Hrs of 27/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	
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	
RGPPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
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	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
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	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
CENT.SECTOR	TARAPUR 4	540	21/02/2016	10:33		Continued.	Transient Electric fault in Nuclear reactor.	
MSPGCL	Chandrapur Unit 6	500	21/02/2016	15.19	26/02/2016	03.12	Boiler Tube Leakage	
IPP	WPCL U-3	135	23/02/2016	07.28		Continued.	Botom Ash Conveyer belt problem.	
MSPGCL	Chandrapur Unit 5	500	27/02/2016	00.46		Continued.	Casing Diff.Temp. very high	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 27/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 2	IntraState	25/02/2016	22.23	26/02/2016	05.35	PO	Breaker Testing at Padgha end
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	24/02/2016	09.37	26/02/2016	06.42	PO	String Replacement Work (RFC at 18:30)
Dhule Sar'Sarovar II	InterState	25/02/2016	10.19	26/02/2016	06.42	PO	String replacement work
Kolhapur Solapur (PG) II	InterState	25/02/2016	18.08	26/02/2016	06.46	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	26/02/2016	13.59	26/02/2016	14.28	T	Distance Protection
Dhule Sar'Sarovar I	InterState	26/02/2016	17.15		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	26/02/2016	20.48		Continued.	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	26/02/2016	12.38	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Padghe - Nagothane - I	IntraState	25/02/2016	08.29	26/02/2016	08.36	PO	Insulator Replacement Work (RFC At 19:22)
karad -kolhapur-II	IntraState	25/02/2016	16.38	26/02/2016	09.23	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/02/2016	17.19	26/02/2016	09.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/02/2016	21.57		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	26/02/2016	08.10	26/02/2016	18.38	PO	Fixing and replacement of Broken Pacer cum Damper and stringing of E/W
Padghe - Nagothane - II	IntraState	26/02/2016	08.44		Continued.	PO	Repl.of Faulty Disc Insulator(RFC 17.27Hrs)
Deepnagar Taptitanda	IntraState	26/02/2016	09.00	26/02/2016	14.19	PO	Distance Relay Testing Work
Koradi-Bhusawal	IntraState	26/02/2016	09.58	26/02/2016	18.30	PO	Main CB Timing work(Taken on TBC)
karad -kolhapur-I	IntraState	26/02/2016	16.37		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	26/02/2016	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/02/2016	17.08		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	26/02/2016	18.04	26/02/2016	18.25	T	Over Voltage
Chandrapur - Khaperkheda	IntraState	26/02/2016	22.42		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33kv, 500 Mva Ict-2 @Kharkhedha	IntraState	26/02/2016	15.38	26/02/2016	17.14	T	NDR Operated
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Taladage - Chikodi	InterState	26/02/2016	19.22	26/02/2016	20.27	T	Distance Protection
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).
Bableshevar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Padghe - Jambhul 1	IntraState	19/02/2016	15.10	26/02/2016	16.32	PO	Strengthening of A and B Bus structure(For 8 Days),Taken on TBC.

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/Tripping for 26/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chinchwad-Hinjewadi I	IntraState	25/02/2016	20.34	26/02/2016	06.18	HT	Over Voltage
Chakan-Chinchwad	IntraState	25/02/2016	20.49	26/02/2016	06.05	PO	Erection of Narrow Base M/C Tower.
Telco- Chinchwad	IntraState	25/02/2016	20.51	26/02/2016	06.06	PO	Erection of Narrow Base M/C Tower.
Eklahare (Ocr)Nasik - Padghe 2	IntraState	26/02/2016	09.51	26/02/2016	20.53	HT	To control Nsk-Nvsry L/L due to problem arised in Gujrat
Padghe - Kamba	IntraState	26/02/2016	11.30	26/02/2016	20.16	PO	Line Maintenance work
Washala - Ghatghar	IntraState	26/02/2016	11.35	26/02/2016	13.45	PO	Distance Relay Testing Work
Eklahare (Gcr) - Ghatghar	IntraState	26/02/2016	14.40	26/02/2016	20.08	PO	Distance Relay Testing Work
Chakan-Chinchwad	IntraState	26/02/2016	20.37	27/02/2016	05.17	PO	Erection of Narrow Base M/C Tower
Telco- Chinchwad	IntraState	26/02/2016	20.40	27/02/2016	05.19	PO	Erection of Narrow Base M/C Tower
Kandalgaon - Bhira	IntraState	27/02/2016	02.00		Continued.	T	CT Burst at Bhira end
220 KV ICT Outages/Tripping							
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.
220/33kV 100 MVA ICT-II @ Boisar	IntraState	20/02/2016	14.51		Continued.	T	Diffrential Protn.Optd./Internal Fault,Declared Faulty.

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