

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.488	2683.901	1) Gujrat	-1.884	-80.504
2) Hydro	7.287	149.005	2) Madhya Pradesh	10.667	225.408
3) Gas	7.900	243.555	3) Chattisgarh	5.900	132.050
Total MSPGCL	126.675	3076.461	4) Maharashtra Net	76.079	1908.541
B) 1) APML	67.289	1544.011	5) Goa (Amona)	-0.494	-11.814
2) JSWEL	25.639	625.498	6) TAPS 1&2 Injection	3.577	85.967
3) VIPL	12.715	254.986	7) RGPPL Injection	11.627	290.475
4) RPL(AMT)	16.873	493.586	8) Pench (MS)	0.479	12.633
5) WPCL	5.037	112.538	9) Pench (Excess)	-0.479	-12.569
6) Other IPP	9.132	226.479	Total	104.993	2537.554
C) 1) TPCL Thermal	10.096	212.457	a) Mumbai Schedule	18.279	413.922
2) TPCL Hydro	3.883	89.537	b) Mumbai Drawl	23.245	565.790
3) TPCL Gas	4.127	95.603	c) MSEDCL Bilateral *	30.157	733.907
4) R-INFRA Thermal	11.443	266.250	Include PX	-0.609	-71.561
D) STATE			d) Mumbai Bilateral *	18.279	413.922
1) Thermal	269.712	6419.706	Include PX	2.351	27.946
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.170	238.542	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.027	339.158	1) MSEDCL	353.593	8510.090
4) Wind	7.204	173.830	2) Mumbai Discoms	52.794	1229.631
6) SOLAR	1.281	30.937	TOTAL STATE	406.387	9739.721
TOTAL STATE	301.394	7202.173			

* 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 4 Hrs
MSPGCL Thermal	5016	4977	4693	4125
MSPGCL Hydro	990	548	208	93
MSPGCL Gas	282	281	453	297
MSPGCL Total Generation	6288	5806	5354	4515
Central Sector Receipt	5048	4502	4603	4077
WIND	103	244	276	472
CPP / IPP	5974	6004	5785	4955
SOLAR	151	184	0	0
Exchange with Mumbai	-1150	-1193	-1025	-630
MSEDCL DEMAND MET	16414	15547	14993	13389
Load Shedding	5	5	5	5
MSEDCL DEMAND	16419	15552	14998	13394
TPCL GENERATION	1080	1007	994	463
R-INFRA GENERATION	515	519	519	402
MUMBAI DEMAND	2745	2719	2538	1495
STATE DEMAND MET	19159	18266	17531	14884
STATE DEMAND	19164	18271	17536	14889
Frequency (Hz)	49.93	49.95	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 18.02 Hrs	49.71 Hz at 22.06 Hrs	49.94	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 25/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	4.02	27.18	175	162
Unit 8	8.40	152.91	354	342
Total	12.42	242.34		
Bhusawal				
Unit 2	4.10	100.25	180	165
Unit 3	4.12	90.38	180	160
Unit 4	0.00	121.46	0	0
Unit 5	10.38	201.98	510	350
Total	18.60	514.07		
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	4.33	89.69	194	165
Unit 4	4.36	104.47	199	161
Unit 5	10.22	235.51	465	365
Unit 6	0.00	196.73	0	0
Unit 7	9.92	178.51	451	351
Total	28.84	804.92		
Paras				
Unit 3	5.11	123.19	250	131
Unit 4	5.54	119.25	254	117
Total	10.65	242.44		
Khaparkheda				
Unit 1	4.10	92.48	185	155
Unit 2	4.12	85.91	185	160
Unit 3	4.44	79.24	200	158
Unit 4	4.41	98.66	202	161
Unit 5	11.01	250.25	505	365
Total	28.08	606.55		
Nasik				
Unit 3	4.30	69.71	195	160
Unit 4	4.23	102.52	190	159
Unit 5	4.36	98.09	202	160
Total	12.90	270.32		
Uran				
All Units	7.90	243.56	457	263
Total	7.90	243.56		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.48	12.63	49	0
Total	0.48	12.63		
Koyna				
Stage 1-2	2.00	56.23	410	35
Stage 4	2.47	15.24	451	0
Stage 3	0.82	15.61	160	0
Total	5.28	87.08		
Hydro				
KDPH	0.84	10.87	36	35
VTRNA	0.00	0.28	0	0
TILLARI	0.19	2.24	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	5.45	40	0
RNGR+BHTSA	0.24	5.54	14	0
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	17.47	19	18
GHATGHAR	0.00	15.18	0	0
Total	2.00	61.93		
Wind				
Total	7.20	173.83	0	0
Total	7.20	173.83		
CPP				
APML(Mus)	67.29	1544.01	0	0
JSWEL(Mus)	25.64	625.50	0	0
VIPL(Mus)	12.72	254.99	0	0
RPLAMT(Mus)	16.87	493.59	0	0
WPCL(Mus)	5.04	112.54	0	0
Other(Mus)	9.13	226.48	0	0
Total	136.68	3257.10		
SOLAR				
Total	1.28	30.94	0	0
Total	1.28	30.94		
Tata				
Trombay 5	10.10	176.68	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	58.75	115	89
Trombay 7B	1.55	36.86	68	58
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.88	89.54	428	22
Total	18.11	397.60		
R-INFRA				
1-2	11.44	266.25	520	401
Total	11.44	266.25		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.49	2683.90
MSPGCL Thml+Gas	119.39	2927.46

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.29	149.00
MSPGCL Total	126.68	3076.46

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.47	71.66
State Total	301.39	7202.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4266	93	287	4646	450	5472	0	4602	4210	-863	13915	5	13920	1730	15650	49.96
2	4079	93	301	4473	512	5291	0	4445	4078	-751	13603	5	13608	1619	15227	49.95
3	4133	93	298	4524	446	5098	0	4391	4081	-680	13469	5	13474	1547	15021	49.97
4	4125	93	297	4515	472	4955	0	4467	4077	-630	13389	5	13394	1495	14889	49.97
5	4142	108	296	4546	437	4989	0	4511	4199	-636	13535	5	13540	1504	15044	49.96
6	4405	98	298	4801	342	5430	0	4672	4408	-710	14271	5	14276	1623	15899	49.94
7	4864	147	295	5306	325	5834	0	4700	4784	-707	15542	5	15547	1799	17346	49.90
8	4904	636	296	5836	205	5890	21	4719	4717	-677	15992	5	15997	1950	17947	49.88
9	4920	999	305	6224	123	5930	61	4735	4860	-922	16276	5	16281	2234	18515	49.97
10	4953	999	294	6246	100	5972	123	4747	4945	-1037	16349	5	16354	2552	18906	49.97
11	5016	990	282	6288	103	5974	151	4809	5048	-1150	16414	5	16419	2745	19164	49.93
12	4985	825	292	6102	194	5999	177	4852	4790	-1141	16121	5	16126	2755	18881	49.93
13	4977	548	281	5806	244	6004	184	4739	4502	-1193	15547	5	15552	2719	18271	49.95
14	4974	235	263	5472	241	5993	175	4659	4571	-1115	15337	5	15342	2578	17920	49.99
15	4952	147	271	5370	264	6008	153	4660	4435	-1073	15157	5	15162	2564	17726	49.96
16	4940	162	282	5384	296	5994	122	4688	4648	-1020	15424	5	15429	2580	18009	49.90
17	4931	107	294	5332	332	5998	81	4639	4336	-1074	15005	5	15010	2560	17570	49.91
18	4930	112	303	5345	358	5981	29	3512	2973	-1086	13600	5	13605	2515	16120	49.97
19	4854	118	400	5372	329	5937	4	3986	3239	-1141	13740	5	13745	2515	16260	49.91
20	4693	208	453	5354	276	5785	0	4838	4603	-1025	14993	5	14998	2538	17536	49.93
21	4704	141	455	5300	320	5794	0	4741	4348	-1180	14582	5	14587	2408	16995	49.93
22	4335	113	445	4893	312	5590	0	4606	4542	-1246	14091	5	14096	2272	16368	49.92
23	4226	108	455	4789	260	5429	0	4623	4355	-1140	13693	5	13698	2041	15739	49.93
24	4180	114	457	4751	263	5337	0	4428	4245	-1048	13548	5	13553	1951	15504	49.98
MUs	111.49	7.29	7.90	126.68	7.20	136.68	1.28	109.77	104.99	-23.24	353.59	0.12	353.71	52.79	406.51	49.94

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 25/Feb/2016

Position as on 6.30 Hrs of 26/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								
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	Uran Unit 7	108	24/02/2016	08.10	25/02/2016	16.38	Gas shortage	
IPP	RPL(AMT) U-4	270	24/02/2016	20.56	25/02/2016	22.57	Supply Board Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Feb/2016

Position as on 6.30 Hrs of 26/Feb/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 8	80	25/02/2016	06.30	25/02/2016	09.00	To Attend TLC Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	19/02/2016	09:28		Continued.	PO	Annual Maintenance Work (Main Bay 712 only)
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	25/02/2016	22.33	26/02/2016	05.35	PO	To testing braker scheme and to oil leakage of convertor.
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)
Kolhapur Solapur(PG) I	InterState	24/02/2016	17.47	25/02/2016	06.39	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/02/2016	18.08	26/02/2016	06.46	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
Main Bus-I @ Koradi III	IntraState	24/02/2016	09.13	25/02/2016	00.34	PO	Annual Maintenance Work
koaradi II - Wardha(PG)	IntraState	24/02/2016	12.14	25/02/2016	08.10	PO	Fixing of Corona Ring.
karad -kolhapur-I	IntraState	24/02/2016	16.34	25/02/2016	09.30	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/02/2016	16.37	25/02/2016	09.33	HT	Over Voltage
Padghe - Kalwa- I	IntraState	25/02/2016	04.38	25/02/2016	04.38	PO	A/R Successful.
Lonikand 1 - Talegaon(Pgcil)	IntraState	25/02/2016	06.21	25/02/2016	17.28	PO	Sprining of conductor of brigestone chakan line.
Padghe - Nagothane - I	IntraState	25/02/2016	08.29		Continued.	PO	Insulator Replacement Work (RFC At 19:22)
Bus Coupler @ New Koyna	IntraState	25/02/2016	08.30	25/02/2016	17.05	PO	Routine Maintenance Work
Warora-Tirora-li	IntraState	25/02/2016	09.14	25/02/2016	13.46	PO	Maintenance Work (Main Bay - 409)
karad -kolhapur-II	IntraState	25/02/2016	16.38		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/02/2016	17.19		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/02/2016	21.57		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	25/02/2016	10.36	25/02/2016	13.22	PO	PID Testing of Insulators by Hot Line unit.
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Talandage - Chikodi	InterState	25/02/2016	16.41	25/02/2016	19.11	PO	Shifted on TBC.
Talandage - Chikodi	InterState	25/02/2016	17.59	25/02/2016	18.52	T	Tripped at Kolhapur End Only.
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
Padghe - Jambhul 1	IntraState	19/02/2016	15.10		Continued.	PO	Strengthening of A and B Bus structure(For 8 Days),Taken on TBC.
Chikhli-Jalna-I	IntraState	22/02/2016	15.05		Continued.	HT	For Akola ICT Over Loading.

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 25/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chikhli-Jalna-II	IntraState	22/02/2016	15.05		Continued.	HT	For Akola ICT Over Loading.
Hinjawadi I- Chinchwad	IntraState	24/02/2016	20.45	25/02/2016	06.08	HT	To Control Over loading for Urse-Chinchwad Line.
Chakan-Chinchwad	IntraState	24/02/2016	21.04	25/02/2016	05.53	PO	Narrow Base M/C New Tower Erection Work.
Telco- Chinchwad	IntraState	24/02/2016	21.10	25/02/2016	05.55	PO	Narrow Base M/C New Tower Erection Work.
220KV Theur- NandedCity	IntraState	25/02/2016	09.14	25/02/2016	17.22	PO	Lilo Arrangement for 220kv Kondhwa s/stn.
Talandge(400)- Mudshingi 2 Line	IntraState	25/02/2016	10.08	25/02/2016	11.27	PO	Shifted on B bus Through TBC.
Eklahare (Gcr) - Airoli Know Park	IntraState	25/02/2016	10.35	25/02/2016	19.13	PO	Insulator Replacement Work
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 Narow Base M/C Tower.
Telco- Chinchwad	IntraState	25/02/2016	20.51	26/02/2016	06.06	PO	Erection of Narow Base M/C Tower.
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)
220/132 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	Differential Protn.Optd./Internal Fault.Declared Faulty.
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	25/02/2016	09.30	25/02/2016	18.30	PO	Routine Maintenance Work

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