

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Feb/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.846	3035.318	1) Gujrat	-2.237	-88.087
2) Hydro	3.400	161.430	2) Madhya Pradesh	9.371	258.639
3) Gas	10.730	275.844	3) Chattisgarh	5.930	150.480
Total MSPGCL	119.976	3472.592	4) Maharashtra Net	83.618	2153.696
B) 1) APMIL	62.006	1735.638	5) Goa (Amona)	-0.437	-13.369
2) JSWEL	24.420	699.911	6) TAPS 1&2 Injection	3.580	96.636
3) VIPL	11.770	290.234	7) RGPPL Injection	11.682	325.488
4) RPL(AMT)	15.480	540.845	8) Pench (MS)	0.056	12.927
5) WPCL	4.905	127.296	9) Pench (Excess)	-0.056	-12.863
6) Other IPP	8.495	253.393	Total	111.451	2870.620
C) 1) TPCL Thermal	9.243	241.052	a) Mumbai Schedule	17.926	467.325
2) TPCL Hydro	0.657	96.232	b) Mumbai Drawl	21.089	635.584
3) TPCL Gas	4.347	108.222	c) MSEDCL Bilateral *	32.112	828.887
4) R-INFRA Thermal	10.799	298.626	Include PX	-1.010	-73.682
D) STATE			d) Mumbai Bilateral *	17.926	467.325
1) Thermal	252.964	7222.313	Include PX	2.068	35.243
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	4.057	257.662	H) ENERGY CATERED (MUs)		
3) Gas	15.077	384.066	1) MSEDCL	343.972	9577.969
4) Wind	5.429	188.518	2) Mumbai Discoms	46.135	1379.708
6) SOLAR	1.129	34.506	TOTAL STATE	390.107	10957.677
TOTAL STATE	278.656	8087.065			

* 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	4896	4582	4227	4160
MSPGCL Hydro	289	117	201	116
MSPGCL Gas	455	443	446	454
MSPGCL Total Generation	5640	5142	4874	4730
Central Sector Receipt	4986	5277	4868	4144
WIND	135	53	512	152
CPP / IPP	5878	5846	5189	4882
SOLAR	130	165	0	0
Exchange with Mumbai	-886	-948	-1233	-634
MSEDCL DEMAND MET	15883	15535	14210	13274
Load Shedding	5	5	4	5
MSEDCL DEMAND	15888	15540	14214	13279
TPCL GENERATION	703	700	543	507
R-INFRA GENERATION	518	518	404	402
MUMBAI DEMAND	2107	2166	2180	1543
STATE DEMAND MET	17990	17701	16390	14817
STATE DEMAND	17995	17706	16394	14822
Frequency (Hz)	49.94	49.98	49.97	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 17.03 Hrs	49.76 Hz at 22.07 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 28/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	3.67	37.92	175	133
Unit 8	8.22	177.94	356	265
Total	11.89	278.11		
Bhusawal				
Unit 2	4.10	112.46	180	160
Unit 3	4.05	102.60	175	165
Unit 4	0.00	121.46	0	0
Unit 5	9.87	230.94	510	350
Total	18.02	567.46		
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	4.27	102.54	199	162
Unit 4	4.29	117.09	199	161
Unit 5	1.52	246.61	349	0
Unit 6	9.74	221.21	435	377
Unit 7	9.57	207.33	450	343
Total	29.38	894.79		
Paras				
Unit 3	5.14	143.67	238	188
Unit 4	2.47	138.05	232	0
Total	7.61	281.71		
Khaparkheda				
Unit 1	3.97	107.98	185	155
Unit 2	4.01	109.79	180	160
Unit 3	4.30	91.98	208	160
Unit 4	4.19	111.17	201	158
Unit 5	10.20	281.00	500	364
Total	26.68	701.92		
Nasik				
Unit 3	4.10	82.38	200	160
Unit 4	4.06	114.90	195	159
Unit 5	4.12	110.79	202	160
Total	12.28	308.07		
Uran				
All Units	10.73	275.84	461	424
Total	10.73	275.84		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	12.93	20	0
Total	0.06	12.93		
Koyna				
Stage 1-2	1.38	60.72	140	40
Stage 4	0.17	16.66	122	0
Stage 3	0.15	17.07	72	0
Total	1.71	94.46		
Hydro				
KDPH	0.41	12.42	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.00	2.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	5.77	40	0
RNGR+BHTSA	0.26	6.31	11	10
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.94	19.70	40	39
GHATGHAR	0.00	15.18	0	0
Total	1.69	66.97		
Wind				
Total	5.43	188.52	0	0
Total	5.43	188.52		
CPP				
APML(Mus)	62.01	1735.64	0	0
JSWEL(Mus)	24.42	699.91	0	0
VIPL(Mus)	11.77	290.23	0	0
RPLAMT(Mus)	15.48	540.84	0	0
WPCL(Mus)	4.90	127.30	0	0
Other(Mus)	8.50	253.39	0	0
Total	127.08	3647.32		
SOLAR				
Total	1.13	34.51	0	0
Total	1.13	34.51		
Tata				
Trombay 5	9.24	205.28	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	66.65	125	97
Trombay 7B	1.61	41.58	70	61
Trombay 8	0.00	35.77	0	0
TATA Hydro	0.66	96.23	65	4
Total	14.25	445.51		
R-INFRA				
1-2	10.80	298.63	520	401
Total	10.80	298.63		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	105.85	3035.32
MSPGCL Thml+Gas	116.58	3311.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.40	161.43
MSPGCL Total	119.98	3472.59

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.56	77.39
State Total	278.66	8087.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	4143	183	449	4775	243	4894	0	4705	4719	-895	13736	5	13741	1816	15557	49.88
2	4159	116	459	4734	241	4890	0	4679	4427	-779	13513	5	13518	1684	15202	49.96
3	4166	111	458	4735	250	4894	0	4310	4228	-690	13417	5	13422	1593	15015	49.92
4	4160	116	454	4730	152	4882	0	4252	4144	-634	13274	5	13279	1543	14822	49.91
5	4155	111	457	4723	168	4880	0	4303	4421	-612	13580	5	13585	1535	15120	49.89
6	4223	116	458	4797	166	5039	0	4699	4892	-699	14195	5	14200	1621	15821	49.93
7	4517	117	450	5084	143	5412	0	4859	4866	-739	14766	5	14771	1664	16435	49.99
8	4743	112	450	5305	144	5576	12	4880	5241	-582	15696	5	15701	1720	17421	49.97
9	4936	122	450	5508	132	5814	53	4900	4494	-634	15367	5	15372	1847	17219	49.99
10	4918	183	452	5553	150	5779	108	4909	5024	-795	15819	5	15824	2017	17841	49.98
11	4896	289	455	5640	135	5878	130	4917	4986	-886	15883	5	15888	2107	17995	49.94
12	4860	132	430	5422	116	5860	188	4922	5096	-911	15771	5	15776	2168	17944	49.94
13	4582	117	443	5142	53	5846	165	4926	5277	-948	15535	5	15540	2166	17706	49.98
14	4440	107	431	4978	35	5826	171	4914	4581	-879	14712	4	14716	2096	16812	50.00
15	4405	135	424	4964	52	5768	141	4897	4937	-815	15047	4	15051	2031	17082	50.00
16	4315	152	430	4897	96	5609	88	4894	5093	-782	15001	4	15005	2000	17005	50.00
17	4420	149	442	5011	312	5398	53	4774	4374	-804	14344	4	14348	1985	16333	49.99
18	4149	143	445	4737	443	5004	20	4049	3921	-999	13126	4	13130	1946	15076	50.02
19	4230	232	446	4908	372	5025	0	3896	4130	-1089	13346	4	13350	2047	15397	50.00
20	4227	201	446	4874	512	5189	0	4759	4868	-1233	14210	4	14214	2180	16394	49.97
21	4261	114	437	4812	515	5003	0	4829	4773	-1279	13824	4	13828	2187	16015	49.94
22	4291	119	458	4868	367	4891	0	4380	4515	-1230	13411	4	13415	2155	15570	49.97
23	4321	114	445	4880	311	4873	0	4232	4286	-1151	13199	4	13203	2079	15282	49.95
24	4329	109	461	4899	321	4849	0	4253	4158	-1024	13203	4	13207	1948	15155	50.00
MUs	105.85	3.40	10.73	119.98	5.43	127.08	1.13	111.14	111.45	-21.09	343.97	0.11	344.08	46.14	390.22	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 28/Feb/2016

Position as on 6.30 Hrs of 29/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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		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 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	
RGPL	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	
RGPL	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.	
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	28/02/2016	18.16	Casing Diff.Temp. very high	
MSPGCL	Paras Unit 4	250	28/02/2016	11.53		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 29/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							
HVDC Pole-I	IntraState	28/02/2016	15.46	28/02/2016	20.39	T	Tripped @ C'pur End TC-1 High Oil Flow.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	27/02/2016	17.12	29/02/2016	06.16	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	27/02/2016	17.31	28/02/2016	06.43	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -1	InterState	28/02/2016	08.16	28/02/2016	09.34	T	Bus Bar Operated @ Dhule.
Dhule Khandwa II	InterState	28/02/2016	08.16	28/02/2016	09.24	T	Bus Bar Operated @ Dhule.
Dhule(MS)- Dhule(BDTCL) -1	InterState	28/02/2016	09.39	28/02/2016	12.21	T	Bus Bar Operated @ Dhule.
Dhule Khandwa II	InterState	28/02/2016	09.39	28/02/2016	12.31	T	Bus Bar Operated @ Dhule.
Kolhapur Solapur(PG) I	InterState	28/02/2016	16.43		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Lonikand I - Koyna stage-IV	IntraState	25/02/2016	21.57		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/02/2016	17.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	27/02/2016	16.13	28/02/2016	08.56	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/02/2016	16.17	28/02/2016	08.59	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/02/2016	08.14		Continued.	PO	Insulator Replacement work(RFC @ 16.48 Hrs).
Dhule- Bableswhar - I	IntraState	28/02/2016	08.16	28/02/2016	12.13	T	Bus Bar Operated @ Dhule.
Chandrapur-II - Nanded	IntraState	28/02/2016	09.19	28/02/2016	19.25	PO	Fixing & Replacement of Broken Spacer Cum Vibration Damper.
Koradi-Bhusawal	IntraState	28/02/2016	15.34	28/02/2016	18.47	T	Distance Protection
karad -kolhapur-I	IntraState	28/02/2016	16.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/02/2016	16.31		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	29/02/2016	03.42		Continued.	T	Distance Protection B Ph to Earth.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	28/02/2016	08.16	28/02/2016	09.12	T	Bus Bar Operated @ Dhule.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/02/2016	08.26	28/02/2016	15.22	PO	Diagnostic Testing.
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	28/02/2016	09.39	28/02/2016	12.25	T	Bus Bar Operated @ Dhule.
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).
Bableswhar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Kandalgaon - Bhira	IntraState	27/02/2016	02.00		Continued.	T	CT Burst at Bhira end
Chakan-Chinchwad	IntraState	27/02/2016	20.36	28/02/2016	05.37	PO	Erection of Narrow Base M/C Tower
Telco- Chinchwad	IntraState	27/02/2016	20.38	28/02/2016	05.39	PO	Erection of Narrow Base M/C Tower

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 28/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 29/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay Salsette 1 Backbay	IntraState	28/02/2016	07.57		Continued.	PO	Routine Maintenance Work
Dhule-Chalisagaon	IntraState	28/02/2016	08.16	28/02/2016	09.17	T	LTS Operated for 400/220 KV 315 MVA ICT I & II.
Dhule-Amalner(220kv)	IntraState	28/02/2016	08.56	28/02/2016	09.28	HT	To Control ICT I & II Loading.
REL Borivali MSETCL Borivali Line-1	IntraState	28/02/2016	09.20	28/02/2016	13.12	PO	Annual Bay Maintenance.
Dahanu-Viraj	IntraState	28/02/2016	10.45	28/02/2016	20.18	PO	Local Scada Testing.
Matardevi - Loyd Metals	IntraState	28/02/2016	11.15	28/02/2016	12.35	T	Distance Protection
REL Borivali MSETCL Borivali Line-2	IntraState	28/02/2016	13.20		Continued.	PO	Annual Bay Maintenance.
Lamboti-Vita	IntraState	28/02/2016	17.01	28/02/2016	17.35	T	Distance Protection
Badnera - Amravati	IntraState	28/02/2016	17.15	28/02/2016	17.38	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	28/02/2016	20.04	29/02/2016	05.04	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	28/02/2016	20.18	29/02/2016	04.58	PO	Erection of Narow Base M/C Tower.
Telco- Chinchwad	IntraState	28/02/2016	20.20	29/02/2016	05.01	PO	Erection of Narow Base M/C Tower.
Flagship-Nandedcity	IntraState	29/02/2016	05.13		Continued.	HT	For Chinchwad 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)
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.
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-I	IntraState	27/02/2016	23.08		Continued.	T	Distance Protection
Raimoha - Pathardi	IntraState	28/02/2016	20.05	28/02/2016	20.15	T	Distance Protection
Beed(220kv) -Telgaon	IntraState	28/02/2016	20.39	28/02/2016	22.03	T	Distance Protection

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