

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Feb/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.853	3158.773	1) Gujrat	-2.692	-90.779
2) Hydro	5.617	167.047	2) Madhya Pradesh	7.600	266.239
3) Gas	10.661	286.505	3) Chattisgarh	5.290	155.770
Total MSPGCL	130.131	3612.325	4) Maharashtra Net	79.987	2233.683
B) 1) APML	61.438	1797.076	5) Goa (Amona)	-0.558	-13.927
2) JSWEL	25.055	724.966	6) TAPS 1&2 Injection	3.563	100.199
3) VIPL	12.006	302.240	7) RGPPL Injection	11.503	336.991
4) RPL(AMT)	14.055	554.900	8) Pench (MS)	0.096	13.023
5) WPCL	5.108	132.404	9) Pench (Excess)	-0.096	-12.959
6) Other IPP	8.359	261.752	Total	104.597	2975.217
C) 1) TPCL Thermal	9.841	250.893	a) Mumbai Schedule	18.874	486.199
2) TPCL Hydro	3.738	99.970	b) Mumbai Drawl	27.115	662.699
3) TPCL Gas	4.216	112.438	c) MSEDCL Bilateral *	30.647	859.533
4) R-INFRA Thermal	11.090	309.716	Include PX	-1.016	-74.698
D) STATE			d) Mumbai Bilateral *	18.874	486.199
1) Thermal	260.805	7492.720	Include PX	3.445	38.687
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.355	267.017	H) ENERGY CATERED (MUs)		
3) Gas	14.877	398.943	1) MSEDCL	339.160	9926.731
4) Wind	4.439	192.957	2) Mumbai Discoms	56.000	1435.708
6) SOLAR	1.087	35.593	TOTAL STATE	395.160	11362.439
TOTAL STATE	290.563	8387.230			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5146	5117	4754	4325
MSPGCL Hydro	830	282	124	126
MSPGCL Gas	426	425	445	455
MSPGCL Total Generation	6402	5824	5323	4906
Central Sector Receipt	5021	5298	4450	3112
WIND	60	30	107	325
CPP / IPP	5527	5493	5506	4831
SOLAR	163	159	0	0
Exchange with Mumbai	-1309	-1350	-1453	-648
MSEDCL DEMAND MET	15864	15454	13933	12526
Load Shedding	5	4	4	5
MSEDCL DEMAND	15869	15458	13937	12531
TPCL GENERATION	1115	929	783	496
R-INFRA GENERATION	514	517	468	403
MUMBAI DEMAND	2938	2796	2704	1547
STATE DEMAND MET	18802	18250	16637	14073
STATE DEMAND	18807	18254	16641	14078
Frequency (Hz)	49.97	49.99	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.76 Hz at 06.13 Hrs	49.97	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 29/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	4.17	42.09	180	163
Unit 8	8.41	186.36	355	347
Total	12.58	290.69		
Bhusawal				
Unit 2	4.05	116.50	175	150
Unit 3	4.07	106.67	175	165
Unit 4	0.00	121.46	0	0
Unit 5	10.38	241.32	510	350
Total	18.50	585.96		
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	4.43	106.97	199	166
Unit 4	4.30	121.39	196	165
Unit 5	9.68	256.30	460	350
Unit 6	9.52	230.73	430	355
Unit 7	9.66	217.00	455	348
Total	37.60	932.39		
Paras				
Unit 3	5.24	148.90	231	198
Unit 4	0.00	143.60	0	0
Total	5.24	292.50		
Khaparkheda				
Unit 1	3.98	111.97	180	135
Unit 2	4.04	113.82	180	155
Unit 3	4.33	96.31	203	162
Unit 4	4.30	115.47	204	159
Unit 5	10.50	291.50	505	365
Total	27.15	729.07		
Nasik				
Unit 3	4.28	86.66	200	160
Unit 4	4.19	119.09	195	159
Unit 5	4.30	119.34	202	161
Total	12.78	325.10		
Uran				
All Units	10.66	286.50	468	420
Total	10.66	286.50		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	13.02	30	0
Total	0.10	13.02		
Koyna				
Stage 1-2	1.99	62.72	290	40
Stage 4	0.51	17.18	192	0
Stage 3	1.34	18.40	240	0
Total	3.84	98.29		
Hydro				
KDPH	0.41	12.83	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.	0.16	5.93	40	0
RNGR+BHTSA	0.26	6.57	11	10
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.95	20.65	40	39
GHATGHAR	0.00	15.18	0	0
Total	1.78	68.75		
Wind				
Total	4.44	192.96	0	0
Total	4.44	192.96		
CPP				
APML(Mus)	61.44	1797.08	0	0
JSWEL(Mus)	25.06	724.97	0	0
VIPL(Mus)	12.01	302.24	0	0
RPLAMT(Mus)	14.06	554.90	0	0
WPCL(Mus)	5.11	132.40	0	0
Other(Mus)	8.36	261.75	0	0
Total	126.02	3773.34		
SOLAR				
Total	1.09	35.59	0	0
Total	1.09	35.59		
Tata				
Trombay 5	9.84	215.12	493	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	69.28	124	85
Trombay 7B	1.58	43.15	70	58
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.74	99.97	435	0
Total	17.80	463.30		
R-INFRA				
1-2	11.09	309.72	518	402
Total	11.09	309.72		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.85	3158.77
MSPGCL Thml+Gas	124.51	3445.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.62	167.05
MSPGCL Total	130.13	3612.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.50	79.89
State Total	290.56	8387.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4326	116	444	4886	182	4825	0	4218	4225	-906	13212	5	13217	1806	15023	49.97
2	4302	106	455	4863	243	4830	0	4126	3800	-754	12982	5	12987	1655	14642	49.95
3	4320	106	454	4880	245	4830	0	3898	3538	-684	12809	5	12814	1582	14396	49.99
4	4325	126	455	4906	325	4831	0	3634	3112	-648	12526	5	12531	1547	14078	49.97
5	4324	106	456	4886	323	4832	0	3784	3554	-651	12944	5	12949	1548	14497	49.97
6	4352	106	457	4915	305	4826	0	4613	4475	-747	13774	5	13779	1649	15428	49.96
7	4428	390	457	5275	423	4905	0	4517	4509	-820	14292	5	14297	1852	16149	49.92
8	4882	272	457	5611	283	5199	11	4853	4792	-945	14951	5	14956	2013	16969	49.98
9	5094	261	468	5823	126	5358	59	4966	4902	-1118	15150	5	15155	2274	17429	50.00
10	5134	297	446	5877	95	5493	86	5005	4977	-1152	15376	5	15381	2623	18004	49.97
11	5126	558	446	6130	71	5483	137	4992	5030	-1268	15583	5	15588	2870	18458	49.95
12	5146	830	426	6402	60	5527	163	4987	5021	-1309	15864	5	15869	2938	18807	49.97
13	5121	558	442	6121	39	5504	175	5070	4698	-1300	15237	5	15242	2928	18170	49.96
14	5117	282	425	5824	30	5493	159	5073	5298	-1350	15454	4	15458	2796	18254	49.99
15	5122	298	423	5843	54	5529	144	5070	4857	-1350	15077	4	15081	2814	17895	49.93
16	5112	235	420	5767	75	5549	83	5054	4954	-1332	15096	4	15100	2827	17927	49.93
17	5101	143	441	5685	177	5551	50	4925	4260	-1314	14409	4	14413	2821	17234	49.96
18	5136	118	436	5690	190	5545	19	3896	3274	-1378	13340	4	13344	2769	16113	49.96
19	5133	139	431	5703	132	5541	1	4238	3720	-1303	13794	4	13798	2682	16480	49.98
20	4754	124	445	5323	107	5506	0	5022	4450	-1453	13933	4	13937	2704	16641	49.98
21	4368	114	441	4923	147	5323	0	4805	4883	-1418	13858	4	13862	2575	16437	49.98
22	4361	109	449	4919	152	5289	0	4457	4174	-1343	13191	4	13195	2376	15571	49.99
23	4389	114	437	4940	298	5255	0	4260	4051	-1362	13182	4	13186	2257	15443	49.97
24	4380	109	450	4939	357	5003	0	4234	4048	-1210	13137	4	13141	2094	15235	49.99
MUs	113.85	5.62	10.66	130.13	4.44	126.02	1.09	109.70	104.60	-27.12	339.17	0.11	339.27	56.00	395.27	49.97

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 29/Feb/2016

Position as on 6.30 Hrs of 01/Mar/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	29/02/2016	17.45	Botom Ash Conveyer belt problem.	
MSPGCL	Paras Unit 4	250	28/02/2016	11.53		Continued.	Furnace Pressure High	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 01/Mar/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	27/02/2016	17.12	29/02/2016	06.16	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	28/02/2016	16.43	29/02/2016	07.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/02/2016	17.16		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	29/02/2016	18.07		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
Lonikand I - Koyna stage-IV	IntraState	28/02/2016	08.14		Continued.	PO	Insulator Replacement work(RFC @ 16.48 Hrs).
karad -kolhapur-I	IntraState	28/02/2016	16.08	29/02/2016	09.25	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/02/2016	16.31	29/02/2016	09.27	HT	Over Voltage
Koradi-Bhusawal	IntraState	29/02/2016	03.42	01/03/2016	06.36	T	Distance Protection B Ph to Earth.
Lonikand I - Koyna stage-IV	IntraState	29/02/2016	07.08	29/02/2016	15.05	OO	Insulator Replacement Work
Main Bus-I @ Koradi III	IntraState	29/02/2016	08.16	29/02/2016	19.22	PO	P.M.Work.
karad -kolhapur-I	IntraState	29/02/2016	16.08	29/02/2016	09.25	HT	Over Voltage
karad -kolhapur-II	IntraState	29/02/2016	16.13		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/02/2016	16.16	29/02/2016	18.42	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/02/2016	16.41		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 105 Mva Bhel Spare Ict 1 @Nagothane	IntraState	29/02/2016	11.04		Continued.	PO	Replacement of Radiators.
400/220kv 315MVA ICT-I@Parly	IntraState	29/02/2016	12.32	29/02/2016	13.30	PO	To Reconnect Gas Collection Pipe on Breather.
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
Kandalgaon - Bhira	IntraState	27/02/2016	02.00		Continued.	T	CT Burst at Bhira end
REL Borivali MSETCL Borivali Line-2	IntraState	28/02/2016	13.20		Continued.	PO	Annual Bay Maintenance.
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	29/02/2016	20.24	HT	For Chinchwad Outage.
Nagothane - Spcl	IntraState	29/02/2016	08.32	29/02/2016	14.35	T	Distance Protection
Raymond - Washala	IntraState	29/02/2016	09.15	29/02/2016	18.20	PO	Insulator Replacement Work

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 29/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
New Koyna - Loteparshuram	IntraState	29/02/2016	09.50	29/02/2016	14.32	PO	To attend Hot Spot
Khadka-Chalisgaon-1	IntraState	29/02/2016	10:08		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Khadka-Chalisgaon-2	IntraState	29/02/2016	10:14		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Pirangut - Hinjewadi I	IntraState	29/02/2016	11.38		Continued.	PO	Taken On TBC for Breaker Overhauling.
Magar Patta City- Serum	IntraState	29/02/2016	13.04	29/02/2016	12.43	PO	On TBC for Main Breaker Ocer Hauling.
Abhijeet-Wardha-Ii	IntraState	29/02/2016	17.42	29/02/2016	18.56	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	29/02/2016	20.20	01/03/2016	05.47	HT	For Chincwad Outage.
Chakan-Chinchwad	IntraState	29/02/2016	20.26	01/03/2016	05.32	PO	Erection of Narow Base M/C Tower.
Telco- Chinchwad	IntraState	29/02/2016	20.29	01/03/2016	05.35	PO	Erection of Narow Base M/C Tower.
Warora - Wardha	IntraState	29/02/2016	20.52		Continued.	T	Distance Protection
Flagship-Nandedcity	IntraState	01/03/2016	05.43		Continued.	HT	For Chincwad 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	Diffrential Protn.Optd./Internal Fault.Declared Faulty.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	29/02/2016	10.23	29/02/2016	16.40	PO	For AMC Work.
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-I	IntraState	27/02/2016	23.08		Continued.	T	Distance Protection
Theur-Sanaswadi	IntraState	29/02/2016	18.34		Continued.	T	Y ph Zone II Trial taken tripped on Sotf.

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