

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jan/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.595	2736.902	1) Gujrat	-5.605	-81.280
2) Hydro	9.007	226.188	2) Madhya Pradesh	4.112	148.265
3) Gas	7.253	233.331	3) Chattisgarh	3.880	110.880
Total MSPGCL	126.855	3196.421	4) Maharashtra Net	57.728	1686.639
B) 1) APML	43.034	1132.696	5) Goa (Amona)	-0.430	-12.083
2) JSWEL	21.260	552.403	6) TAPS 1&2 Injection	3.680	88.287
3) VIPL	11.432	229.002	7) RGPPL Injection	11.644	157.222
4) RPL(AMT)	25.298	564.636	8) Pench (MS)	0.472	10.530
5) WPCL	4.437	109.150	9) Pench (Excess)	-0.472	-10.530
6) Other IPP	10.480	249.020	Total	74.537	2087.400
C) 1) TPCL Thermal	14.261	329.173	a) Mumbai Schedule	13.305	331.946
2) TPCL Hydro	0.039	50.394	b) Mumbai Drawl	12.093	514.151
3) TPCL Gas	3.362	86.282	c) MSEDCL Bilateral *	20.037	531.885
4) R-INFRA Thermal	10.609	154.095	Include PX	-4.455	-115.778
D) STATE			d) Mumbai Bilateral *	13.305	331.946
1) Thermal	251.406	6057.077	Include PX	-0.229	47.551
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.046	276.582	H) ENERGY CATERED (MUs)		
3) Gas	10.615	319.613	1) MSEDCL	310.441	7741.597
4) Wind	4.036	107.987	2) Mumbai Discoms	40.364	1134.105
6) SOLAR	1.165	27.033	TOTAL STATE	350.805	8875.702
TOTAL STATE	276.268	6788.292			

* 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 2 Hrs
MSPGCL Thermal	5425	5515	4608	4216
MSPGCL Hydro	921	314	791	110
MSPGCL Gas	299	283	292	311
MSPGCL Total Generation	6645	6112	5691	4637
Central Sector Receipt	3975	3751	3643	2225
WIND	194	73	110	162
CPP / IPP	5423	5365	4729	4299
SOLAR	138	190	0	0
Exchange with Mumbai	-507	-484	-943	-356
MSEDCL DEMAND MET	15868	15007	13230	10967
Load Shedding	13	13	10	9
MSEDCL DEMAND	15881	15020	13240	10976
TPCL GENERATION	899	897	634	634
R-INFRA GENERATION	517	518	404	403
MUMBAI DEMAND	1923	1899	1981	1393
STATE DEMAND MET	17791	16906	15211	12360
STATE DEMAND	17804	16919	15221	12369
Frequency (Hz)	49.92	49.97	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18:01 Hrs	49.7 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 24/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	48.42	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.07	86.04	175	160
Unit 8	13.22	165.94	645	479
Total	17.30	300.39		
Bhusawal				
Unit 2	4.12	94.32	185	165
Unit 3	4.15	98.96	180	160
Unit 4	7.92	230.54	490	0
Unit 5	10.04	233.73	500	380
Total	26.24	657.54		
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	33.88	0	0
Unit 3	4.14	99.58	198	163
Unit 4	4.32	103.00	195	161
Unit 5	0.00	0.00	0	0
Unit 6	9.67	223.84	440	380
Unit 7	9.55	231.43	445	374
Total	27.69	691.74		
Paras				
Unit 3	4.33	99.77	250	115
Unit 4	0.00	112.94	251	190
Total	4.33	212.72		
Khaparkheda				
Unit 1	3.84	91.21	185	130
Unit 2	3.70	97.38	175	130
Unit 3	4.12	96.73	195	160
Unit 4	4.14	83.01	198	167
Unit 5	10.50	229.72	510	370
Total	26.31	598.04		
Nasik				
Unit 3	4.36	99.87	195	170
Unit 4	0.00	75.82	0	0
Unit 5	4.36	100.78	197	166
Total	8.72	276.47		
Uran				
All Units	7.25	233.33	330	280
Total	7.25	233.33		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.47	10.53	21	17
Total	0.47	10.53		
Koyna				
Stage 1-2	4.18	83.54	490	40
Stage 4	1.25	46.50	250	0
Stage 3	1.49	28.78	160	0
Total	6.92	158.82		
Hydro				
KDPH	0.64	8.43	37	18
VTRNA	0.36	14.41	61	0
TILLARI	0.00	1.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	2.82	80	0
RNGR+BHTSA	0.29	5.20	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	12.36	18	17
GHATGHAR	0.24	22.66	125	0
Total	2.08	67.37		
Wind				
Total	4.04	107.99	0	0
Total	4.04	107.99		
CPP				
APML(Mus)	43.03	1132.70	0	0
JSWEL(Mus)	21.26	552.40	0	0
VIPL(Mus)	11.43	229.00	0	0
RPLAMT(Mus)	25.30	564.64	0	0
WPCL(Mus)	4.44	109.15	0	0
Other(Mus)	10.48	249.02	0	0
Total	115.94	2836.91		
SOLAR				
Total	1.16	27.03	0	0
Total	1.16	27.03		
Tata				
Trombay 5	8.99	203.81	470	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.99	53.47	115	63
Trombay 7B	1.37	32.82	68	50
Trombay 8	5.27	125.37	250	201
TATA Hydro	0.04	50.39	24	15
Total	17.66	465.85		
R-INFRA				
1-2	10.61	154.10	518	403
Total	10.61	154.10		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.60	2736.90
MSPGCL Thml+Gas	117.85	2970.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.01	226.19
MSPGCL Total	126.86	3196.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.43	130.04
State Total	276.27	6788.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Jan/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	4214	116	312	4642	191	4562	0	2765	2290	-490	11195	10	11205	1524	12729	49.97
2	4216	110	311	4637	162	4299	0	2588	2225	-356	10967	9	10976	1393	12369	49.94
3	4271	110	308	4689	158	4270	0	2160	2263	-285	11095	9	11104	1326	12430	49.93
4	4295	250	306	4851	210	4281	0	2272	2158	-263	11237	9	11246	1299	12545	49.95
5	4484	115	308	4907	249	4270	0	2274	2295	-255	11466	9	11475	1293	12768	49.99
6	4701	259	311	5271	293	4295	0	2217	2701	-343	12217	13	12230	1380	13610	50.00
7	4894	424	308	5626	332	4631	0	2770	2965	-410	13144	13	13157	1449	14606	50.02
8	5028	622	311	5961	330	4926	5	3576	3650	-447	14425	13	14438	1533	15971	49.88
9	5078	980	330	6388	277	5017	56	3939	3945	-426	15257	13	15270	1650	16920	49.93
10	5254	1057	304	6615	268	5355	112	4037	3967	-393	15924	13	15937	1798	17735	49.93
11	5425	921	299	6645	194	5423	138	4044	3975	-507	15868	13	15881	1923	17804	49.92
12	5466	688	301	6455	132	5385	169	4049	4009	-506	15644	13	15657	1924	17581	49.90
13	5515	314	283	6112	73	5365	190	4063	3751	-484	15007	13	15020	1899	16919	49.97
14	5272	149	292	5713	40	5122	161	4080	3682	-416	14302	14	14316	1825	16141	49.99
15	5126	90	282	5498	58	5032	151	4034	4093	-351	14481	10	14491	1765	16256	50.01
16	5079	90	280	5449	112	5013	106	4082	3920	-322	14278	10	14288	1736	16024	49.97
17	5016	100	302	5418	94	5018	61	3758	3195	-307	13479	10	13489	1712	15201	49.99
18	4729	144	287	5160	115	4849	16	3037	2976	-581	12535	10	12545	1729	14274	49.99
19	4625	377	301	5303	132	4640	0	3563	3545	-824	12796	10	12806	1863	14669	49.94
20	4608	791	292	5691	110	4729	0	3837	3643	-943	13230	10	13240	1981	15221	49.98
21	4621	331	305	5257	116	4805	0	3239	3138	-935	12381	10	12391	1972	14363	50.00
22	4641	407	303	5351	111	4938	0	2295	2395	-882	11913	10	11923	1920	13843	50.00
23	4644	381	308	5333	127	4976	0	1738	1838	-749	11525	10	11535	1812	13347	49.94
24	4683	181	309	5173	152	4741	0	2084	1918	-618	11366	10	11376	1658	13034	50.01
MUs	115.88	9.01	7.25	132.15	4.04	115.94	1.17	76.50	74.54	-12.09	315.73	0.26	315.99	40.36	356.36	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 24/Jan/2016

Position as on 6.30 Hrs of 25/Jan/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	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		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	
IPP	Adani U-4	660	14/12/2015	06.55	24/01/2016	18.57	Hot air line leakage	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
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	
MSPGCL	Koradi Unit 5	200	20/01/2016	22.11		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	23/01/2016	00.22		Continued.	Under Reserved Shut Down	
IPP	Adani U-1	660	23/01/2016	10.06		Continued.	Main Fuel Tank Tripped.	
IPP	JSW (J) U3	300	23/01/2016	13.02		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	23/01/2016	23.25	24/01/2016	04.00	PA Fan problem	
IPP	WPCL U-3	135	24/01/2016	18.38	24/01/2016	22.10	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 25/Jan/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	23/01/2016	13.31	24/01/2016	07.21	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	23/01/2016	18.08	24/01/2016	08.59	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/01/2016	14.16		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/01/2016	16.16		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/01/2016	21.53		Continued.	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Koradi-India Bulls	IntraState	20/01/2016	11.40		Continued.	PO	Taken on TBC work isolator repair & alignment
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21		Continued.	PO	Change Over.
karad -kolhapur-II	IntraState	23/01/2016	16.05	24/01/2016	09.46	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/01/2016	16.09		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/01/2016	17.10	24/01/2016	09.29	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/01/2016	17.41	24/01/2016	09.56	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	24/01/2016	07.37		Continued.	PO	Insulator String Replacement Work.(RFC @ 16.35 Hrs)
karad -kolhapur-I	IntraState	24/01/2016	11.13		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/01/2016	17.03		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/01/2016	17.13		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	23/01/2016	13.02		Continued.	HT	Hand Tripped.
Talandage - Chikodi	InterState	23/01/2016	13.02		Continued.	HT	Hand Tripped.
Borivali - Tarapur	InterState	24/01/2016	08.37	24/01/2016	15.27	PO	Safety Purpose for Formation of Temp.Padgha-Borivali Line.
Vasai Boiser(PG)	InterState	24/01/2016	16.17	24/01/2016	21.31	HT	For Supply Extension to Nalasopara.
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 - Kamba	IntraState	24/01/2016	00.47	24/01/2016	01.35	T	Distance Protection
Wada - Bhavghar	IntraState	24/01/2016	00.47	24/01/2016	02.30	T	Distance Protection
Bhavghar - Kolshet	IntraState	24/01/2016	00.47	24/01/2016	20.12	T	Distance Protection
Ghodbunder - Versova	IntraState	24/01/2016	07.37	24/01/2016	08.56	PO	Vibration Damper Replacement Work.
Bableshtar- Ranjangaon	IntraState	24/01/2016	08.29	24/01/2016	17.05	HT	Bblsr ICT Over Loading.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Versova Gorai Line	IntraState	24/01/2016	09.10	24/01/2016	10.02	PO	Vibration Damper Replacement Work.
Trombay Salsette 1 Backbay	IntraState	24/01/2016	13.24	24/01/2016	14.27	T	Distance Protection
Padghe - Nalasopara	IntraState	24/01/2016	16.32	24/01/2016	21.10	PO	For Attending D/Dn on Kolshet-Bhavagar Line.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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 24/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 25/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	24/01/2016	09.36	24/01/2016	19.42	PO	Testing Work
132 KV LINE Outages/Trippings							
Ambazari-Amravati	IntraState	23/01/2016	18.01	24/01/2016	12.25	T	Distance Protection
Padegaon Garware	IntraState	24/01/2016	00.35	24/01/2016	01.18	T	Distance Protection
Waghala (Nanded2) - Narsi	IntraState	25/01/2016	04.47	25/01/2016	05.55	T	Distance Protection
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	24/01/2016	00.47	24/01/2016	01.34	T	Back up Over Current Protection.