

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.495	2946.445	1) Gujrat	-5.991	-92.304
2) Hydro	7.854	241.537	2) Madhya Pradesh	3.035	155.821
3) Gas	9.172	249.846	3) Chattisgarh	4.220	116.770
Total MSPGCL	125.521	3437.828	4) Maharashtra Net	44.816	1789.699
B) 1) APML	46.755	1234.197	5) Goa (Amona)	-0.430	-12.969
2) JSWEL	21.440	595.248	6) TAPS 1&2 Injection	3.721	95.727
3) VIPL	10.080	249.983	7) RGPPL Injection	11.696	180.579
4) RPL(AMT)	23.797	613.386	8) Pench (MS)	0.588	11.549
5) WPCL	4.255	118.164	9) Pench (Excess)	-0.588	-11.549
6) Other IPP	10.456	269.723	Total	60.479	2221.774
C) 1) TPCL Thermal	11.651	354.594	a) Mumbai Schedule	12.131	356.176
2) TPCL Hydro	0.042	53.084	b) Mumbai Drawl	14.632	546.213
3) TPCL Gas	3.510	93.173	c) MSEDCL Bilateral *	11.228	558.708
4) R-INFRA Thermal	9.732	174.298	Include PX	-12.028	-137.494
D) STATE			d) Mumbai Bilateral *	12.131	356.176
1) Thermal	246.661	6556.038	Include PX	-0.082	47.241
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.896	294.621	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.682	343.019	1) MSEDCL	294.218	8341.223
4) Wind	4.864	117.670	2) Mumbai Discoms	39.567	1221.372
6) SOLAR	1.203	29.463	TOTAL STATE	333.785	9562.595
TOTAL STATE	273.306	7340.811			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	4858	4527	4401	4376
MSPGCL Hydro	434	140	687	122
MSPGCL Gas	320	349	457	465
MSPGCL Total Generation	5612	5016	5545	4963
Central Sector Receipt	3717	3476	2206	1429
WIND	112	52	458	316
CPP / IPP	5313	4918	4854	4835
SOLAR	58	171	0	0
Exchange with Mumbai	-635	-711	-835	-929
MSEDCL DEMAND MET	14177	12922	12228	10614
Load Shedding	8	8	8	8
MSEDCL DEMAND	14185	12930	12236	10622
TPCL GENERATION	647	669	666	422
R-INFRA GENERATION	405	406	404	405
MUMBAI DEMAND	1687	1786	1905	1756
STATE DEMAND MET	15864	14708	14133	12370
STATE DEMAND	15872	14716	14141	12378
Frequency (Hz)	49.97	49.97	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18.01 Hrs	49.79 Hz at 08.17 Hrs	49.98	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/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	3.97	93.58	170	155
Unit 8	11.90	191.75	631	416
Total	15.87	333.74		
Bhusawal				
Unit 2	4.12	102.58	180	165
Unit 3	4.12	107.30	175	165
Unit 4	9.44	249.50	410	370
Unit 5	9.42	243.16	410	375
Total	27.11	702.52		
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	4.10	107.93	180	163
Unit 4	4.22	111.50	181	170
Unit 5	0.00	0.00	0	0
Unit 6	9.52	243.06	405	381
Unit 7	8.98	249.87	382	368
Total	26.82	746.24		
Paras				
Unit 3	3.28	106.06	151	119
Unit 4	4.70	117.64	205	180
Total	7.98	223.70		
Khaparkheda				
Unit 1	3.92	98.92	175	160
Unit 2	3.76	105.05	175	110
Unit 3	4.06	104.88	178	160
Unit 4	1.38	88.39	160	0
Unit 5	9.54	250.07	500	370
Total	22.66	647.30		
Nasik				
Unit 3	4.04	108.10	175	160
Unit 4	0.00	75.82	0	0
Unit 5	4.02	109.02	173	162
Total	8.06	292.94		
Uran				
All Units	9.17	249.85	500	314
Total	9.17	249.85		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.59	11.55	48	0
Total	0.59	11.55		
Koyna				
Stage 1-2	3.30	89.92	470	40
Stage 4	0.78	48.19	216	0
Stage 3	0.98	30.36	160	0
Total	5.05	168.47		
Hydro				
KDPH	0.68	9.56	38	18
VTRNA	0.60	15.68	61	0
TILLARI	0.00	1.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.04	2.98	30	0
RNGR+BHTSA	0.26	5.71	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	13.40	22	22
GHATGHAR	0.70	24.25	125	0
Total	2.80	73.06		
Wind				
Total	4.86	117.67	0	0
Total	4.86	117.67		
CPP				
APML(Mus)	46.76	1234.20	0	0
JSWEL(Mus)	21.44	595.25	0	0
VIPL(Mus)	10.08	249.98	0	0
RPLAMT(Mus)	23.80	613.39	0	0
WPCL(Mus)	4.26	118.16	0	0
Other(Mus)	10.46	269.72	0	0
Total	116.78	3080.70		
SOLAR				
Total	1.20	29.46	0	0
Total	1.20	29.46		
Tata				
Trombay 5	6.68	219.09	318	165
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.10	57.58	115	74
Trombay 7B	1.40	35.59	67	54
Trombay 8	4.98	135.50	241	201
TATA Hydro	0.04	53.08	14	2
Total	15.20	500.85		
R-INFRA				
1-2	9.73	174.30	407	404
Total	9.73	174.30		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.50	2946.44
MSPGCL Thml+Gas	117.67	3196.29

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.85	241.54
MSPGCL Total	125.52	3437.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.07	138.11
State Total	273.31	7340.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4590	100	324	5014	96	4696	0	2253	2200	-446	11560	8	11568	1513	13081	49.95
2	4603	90	314	5007	133	4695	0	2100	2008	-350	11493	7	11500	1404	12904	49.97
3	4605	95	325	5025	90	4703	0	1590	1738	-249	11307	7	11314	1301	12615	49.98
4	4631	295	316	5242	130	4705	0	1291	1368	-263	11182	7	11189	1316	12505	49.96
5	4622	455	323	5400	153	4713	0	1556	1647	-244	11669	7	11676	1299	12975	49.95
6	4612	510	317	5439	168	4703	0	2720	2689	-286	12713	8	12721	1351	14072	49.93
7	4626	871	327	5824	181	4844	1	3643	4016	-488	14378	8	14386	1541	15927	49.94
8	4818	822	332	5972	176	5106	10	3933	3898	-496	14666	8	14674	1550	16224	49.97
9	4858	434	320	5612	112	5313	58	3919	3717	-635	14177	8	14185	1687	15872	49.97
10	4641	245	324	5210	49	5244	116	3939	3723	-699	13643	8	13651	1750	15401	49.96
11	4501	282	330	5113	54	5108	149	3742	3682	-750	13356	8	13364	1810	15174	49.97
12	4506	261	345	5112	44	5096	165	3669	3487	-765	13139	8	13147	1838	14985	49.99
13	4527	140	349	5016	52	4918	171	3676	3476	-711	12922	8	12930	1786	14716	49.97
14	4517	110	345	4972	101	4645	163	3608	3394	-684	12591	9	12600	1740	14340	50.02
15	4430	115	401	4946	190	4775	156	3079	2911	-592	12386	8	12394	1646	14040	49.99
16	4361	110	454	4925	252	4821	117	2832	2887	-614	12388	8	12396	1669	14065	49.97
17	4351	123	454	4928	333	4836	75	2521	2348	-585	11935	8	11943	1646	13589	49.97
18	4384	196	459	5039	336	4830	22	1481	1300	-647	10880	8	10888	1751	12639	49.99
19	4377	331	467	5175	339	4833	0	1852	2291	-764	11874	8	11882	1852	13734	49.98
20	4401	687	457	5545	458	4854	0	1844	2206	-835	12228	8	12236	1905	14141	49.98
21	4411	869	456	5736	479	4852	0	1465	1401	-906	11562	8	11570	1954	13524	49.99
22	4360	465	468	5293	362	4846	0	1253	1153	-860	10794	8	10802	1859	12661	50.03
23	4376	122	465	4963	316	4835	0	1820	1429	-929	10614	8	10622	1756	12378	49.99
24	4387	126	500	5013	260	4814	0	1259	1500	-834	10753	8	10761	1643	12404	49.99
MUs	108.50	7.85	9.17	125.52	4.86	116.78	1.20	61.05	60.47	-14.63	294.21	0.19	294.40	39.57	333.96	49.98

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/Jan/2016

Position as on 6.30 Hrs of 27/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	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	26/01/2016	21.55		Continued.	Boiler Maintenance work	
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	
RGPL	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	
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.	Under RSD From 24/01/2016	
MSPGCL	Nasik Unit 4	210	23/01/2016	00.22	27/01/2016	05.58	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	26/01/2016	11.03	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	23/01/2016	21.16	26/01/2016	14.12	Gas shortage	
MSPGCL	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 4	210	26/01/2016	08.55		Continued.	Drum level low	

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

Statement-VII

Position as on 6.30 Hrs of 27/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	25/01/2016	13.08	27/01/2016	06.32	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	25/01/2016	16.19		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/01/2016	21.53	26/01/2016	06.47	T	Over Voltage
Karad Solapur (PG)	InterState	26/01/2016	13.15		Continued.	T	Distance Protection
Dabhol Nagothane II	InterState	26/01/2016	15.20	26/01/2016	15.53	T	line tripped only dabhol end
Kolhapur Solapur (PG) II	InterState	26/01/2016	17.58	26/01/2016	18.32	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	26/01/2016	21.57	27/01/2016	06.44	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21		Continued.	PO	Change Over.
Karad-Jaigad - I	IntraState	23/01/2016	16.09		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	24/01/2016	11.13		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/01/2016	17.03	27/01/2016	06.42	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/01/2016	18.04		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	26/01/2016	18.02	26/01/2016	22.45	T	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
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	26/01/2016	13.38	26/01/2016	15.05	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	23/01/2016	13.02	26/01/2016	14.10	HT	Hand Tripped.
Mudshingi - Chikodi	InterState	23/01/2016	13.02	26/01/2016	14.15	HT	Over Voltage
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).
Hinjawadi I- Chinchwad	IntraState	25/01/2016	09.54		Continued.	PO	For Urse-Chinchwad Outage
Urse-Chinchwad	IntraState	25/01/2016	10.33		Continued.	PO	Lilo Arrangement.
Jejuri- Ismt- Lonand	IntraState	26/01/2016	04.12	26/01/2016	18.38	PO	Attending Oil Leakage
220KV Theur- NandedCity	IntraState	26/01/2016	04.35	26/01/2016	05.22	T	TBC R ph ct burst and charge by own c b
Lonikand (400 Kv)-Theur I	IntraState	26/01/2016	04.35	26/01/2016	05.02	T	Distance Protection
Lonikand (400 Kv)-Theur li	IntraState	26/01/2016	04.35	26/01/2016	05.16	T	TBC R-ph CT Burst at Theur.
Jejuri-Phursungi 1	IntraState	26/01/2016	11.30	26/01/2016	13.27	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	25/01/2016	07.27		Continued.	PO	HV side taken on TBC for Diagonstic testing
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	25/01/2016	11.05	26/01/2016	16.30	PO	Attending Oil Leakage
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	26/01/2016	04.35	26/01/2016	05.30	T	Bus bar operated TBC R phase C T burst
220/33kV 125 MVA Transformer 2 @Aarey R/S	IntraState	26/01/2016	16.26	26/01/2016	18.41	T	Distance Protection

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