

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jan/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.073	3059.518	1) Gujrat	-5.749	-98.053
2) Hydro	10.634	252.171	2) Madhya Pradesh	2.276	158.097
3) Gas	11.252	261.098	3) Chattisgarh	4.640	121.410
Total MSPGCL	134.959	3572.787	4) Maharashtra Net	64.091	1853.790
B) 1) APML	46.989	1281.186	5) Goa (Amona)	-0.494	-13.463
2) JSWEL	25.039	620.287	6) TAPS 1&2 Injection	3.721	99.448
3) VIPL	10.081	260.064	7) RGPPL Injection	11.678	192.257
4) RPL(AMT)	23.618	637.004	8) Pench (MS)	0.565	12.114
5) WPCL	4.418	122.582	9) Pench (Excess)	-0.565	-12.114
6) Other IPP	10.283	280.006	Total	79.598	2301.372
C) 1) TPCL Thermal	5.490	360.084	a) Mumbai Schedule	14.743	370.919
2) TPCL Hydro	4.949	58.033	b) Mumbai Drawl	22.890	569.103
3) TPCL Gas	3.677	96.850	c) MSEDCL Bilateral *	22.586	581.293
4) R-INFRA Thermal	10.597	184.895	Include PX	-7.189	-144.683
D) STATE			d) Mumbai Bilateral *	14.743	370.919
1) Thermal	249.588	6805.626	Include PX	2.424	49.665
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	15.583	310.204	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.929	357.948	1) MSEDCL	319.062	8660.285
4) Wind	5.689	123.359	2) Mumbai Discoms	47.602	1268.974
6) SOLAR	1.278	30.741	TOTAL STATE	366.664	9929.259
TOTAL STATE	287.067	7627.878			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4742	4841	4849	4458
MSPGCL Hydro	1223	321	708	121
MSPGCL Gas	479	447	463	477
MSPGCL Total Generation	6444	5609	6020	5056
Central Sector Receipt	4789	4646	4148	895
WIND	110	73	263	342
CPP / IPP	5393	5441	5003	4816
SOLAR	120	189	0	0
Exchange with Mumbai	-984	-1119	-1261	-489
MSEDCL DEMAND MET	15872	14839	14173	10620
Load Shedding	9	9	7	6
MSEDCL DEMAND	15881	14848	14180	10626
TPCL GENERATION	858	840	732	342
R-INFRA GENERATION	518	518	401	403
MUMBAI DEMAND	2360	2477	2394	1234
STATE DEMAND MET	18232	17316	16567	11854
STATE DEMAND	18241	17325	16574	11860
Frequency (Hz)	49.97	49.93	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:01 Hrs	49.77 Hz at 07:50 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 27/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.80	50.21	152	0
Unit 6	0.00	0.00	0	0
Unit 7	4.04	97.62	175	165
Unit 8	12.13	203.88	550	480
Total	17.97	351.70		
Bhusawal				
Unit 2	4.06	106.64	175	160
Unit 3	4.07	111.36	175	160
Unit 4	9.20	258.70	405	360
Unit 5	9.26	252.42	400	360
Total	26.58	729.11		
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	4.09	112.02	175	163
Unit 4	4.14	115.64	178	164
Unit 5	0.00	0.00	0	0
Unit 6	9.62	252.68	410	396
Unit 7	8.85	258.73	376	360
Total	26.70	772.94		
Paras				
Unit 3	2.76	108.82	122	110
Unit 4	4.87	122.51	250	190
Total	7.63	231.33		
Khaparkheda				
Unit 1	3.87	102.78	165	155
Unit 2	3.85	108.90	170	135
Unit 3	4.05	108.93	178	152
Unit 4	1.91	90.30	156	0
Unit 5	9.95	260.02	500	380
Total	23.63	670.93		
Nasik				
Unit 3	3.96	112.06	170	155
Unit 4	2.67	78.49	162	0
Unit 5	3.94	112.96	175	160
Total	10.56	303.50		
Uran				
All Units	11.25	261.10	497	437
Total	11.25	261.10		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.56	12.11	49	0
Total	0.56	12.11		
Koyna				
Stage 1-2	3.73	93.66	440	40
Stage 4	1.48	49.66	457	0
Stage 3	1.30	31.66	232	0
Total	6.51	174.98		
Hydro				
KDPH	0.88	10.43	37	36
VTRNA	0.57	16.26	61	0
TILLARI	0.17	1.65	59	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.14	80	0
RNGR+BHTSA	0.26	5.97	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.70	14.10	30	29
GHATGHAR	1.39	25.63	250	0
Total	4.12	77.19		
Wind				
Total	5.69	123.36	0	0
Total	5.69	123.36		
CPP				
APML(Mus)	46.99	1281.19	0	0
JSWEL(Mus)	25.04	620.29	0	0
VIPL(Mus)	10.08	260.06	0	0
RPLAMT(Mus)	23.62	637.00	0	0
WPCL(Mus)	4.42	122.58	0	0
Other(Mus)	10.28	280.01	0	0
Total	120.43	3201.13		
SOLAR				
Total	1.28	30.74	0	0
Total	1.28	30.74		
Tata				
Trombay 5	0.00	219.09	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.23	59.81	115	75
Trombay 7B	1.44	37.04	66	55
Trombay 8	5.49	140.99	247	200
TATA Hydro	4.95	58.03	459	0
Total	14.12	514.97		
R-INFRA				
1-2	10.60	184.90	519	399
Total	10.60	184.90		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.07	3059.52
MSPGCL Thml+Gas	124.32	3320.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.63	252.17
MSPGCL Total	134.96	3572.79

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.21	143.32
State Total	287.07	7627.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4404	117	486	5007	264	4802	0	948	1251	-713	10611	7	10618	1453	12071	50.00
2	4432	122	476	5030	331	4804	0	1025	1162	-584	10743	6	10749	1321	12070	50.00
3	4479	122	496	5097	340	4812	0	1045	960	-524	10685	6	10691	1264	11955	50.02
4	4458	121	477	5056	342	4816	0	1018	895	-489	10620	6	10626	1234	11860	50.00
5	4453	131	477	5061	317	4821	0	959	1138	-521	10816	6	10822	1264	12086	50.01
6	4482	511	497	5490	396	4820	0	1319	2162	-657	12211	9	12220	1398	13618	49.97
7	4512	816	488	5816	357	4826	0	2751	2939	-857	13081	9	13090	1619	14709	49.96
8	4527	1165	483	6175	241	4868	10	3911	4316	-875	14735	9	14744	1805	16549	49.92
9	4726	1284	483	6493	151	5089	59	4237	3815	-783	14824	9	14833	2044	16877	49.98
10	4742	1223	479	6444	110	5393	120	4498	4789	-984	15872	9	15881	2360	18241	49.97
11	4815	744	458	6017	87	5614	147	4562	4717	-1161	15421	9	15430	2515	17945	49.98
12	4930	578	450	5958	105	5584	188	4588	4623	-1160	15298	9	15307	2517	17824	49.51
13	4841	321	447	5609	73	5441	189	4601	4646	-1119	14839	9	14848	2477	17325	49.93
14	4842	242	437	5521	99	5254	179	4593	4665	-1057	14661	10	14671	2342	17013	50.00
15	4865	197	447	5509	142	5022	143	4623	4598	-1055	14359	7	14366	2337	16703	49.96
16	4872	262	457	5591	147	4933	134	4637	4795	-1051	14549	7	14556	2342	16898	49.95
17	4869	292	440	5601	154	4942	88	4323	4666	-1128	14323	7	14330	2339	16669	49.93
18	4821	424	471	5716	169	4936	21	3178	3710	-1161	13391	7	13398	2338	15736	50.00
19	4826	579	482	5887	196	4937	0	3682	3857	-1188	13689	7	13696	2371	16067	49.94
20	4849	708	463	6020	263	5003	0	4394	4148	-1261	14173	7	14180	2394	16574	50.00
21	4838	261	448	5547	383	4991	0	4160	3978	-1303	13596	7	13603	2156	15759	50.02
22	4822	177	465	5464	342	4933	0	3266	3030	-1330	12439	7	12446	2147	14593	50.01
23	4835	121	477	5433	354	4908	0	2763	2463	-1057	12101	7	12108	1875	13983	49.97
24	4833	116	468	5417	326	4879	0	2073	2275	-872	12025	7	12032	1691	13723	49.99
MUs	113.07	10.63	11.25	134.96	5.69	120.43	1.28	77.15	79.60	-22.89	319.06	0.18	319.25	47.60	366.85	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 27/Jan/2016

Position as on 6.30 Hrs of 28/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								
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	
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	27/01/2016	10:16	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.	
MSPGCL	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 4	210	26/01/2016	08.55	27/01/2016	10:48	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 28/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
Karad Solapur (PG)	InterState	26/01/2016	13.15	27/01/2016	08.17	T	Distance Protection
Kolhapur Solapur (PG) II	InterState	26/01/2016	21.57	27/01/2016	06.44	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	27/01/2016	17.06	28/01/2016	06.42	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/01/2016	17.34	28/01/2016	06.02	HT	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	27/01/2016	09.03	HT	Over Voltage
karad -kolhapur-I	IntraState	24/01/2016	11.13	27/01/2016	08.36	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 - Jaigad - II	IntraState	27/01/2016	10.06		Continued.	PO	Quarterly Maintainance Work
Chandrapur - Khaperkheda	IntraState	27/01/2016	13:45		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	27/01/2016	16.10		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	27/01/2016	16.54		Continued.	PO	Taken on TBC due to havey sparking on isolator
Bhusawal-Aurangabad	IntraState	27/01/2016	16.58		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
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	27/01/2016	11.00	27/01/2016	11.30	EO	Attending Oil Leakage
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	27/01/2016	13.51	28/01/2016	03.59	PO	Relay replacement work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	27/01/2016	08.43	27/01/2016	19.03	HT	String Replacement work
Wardha Deoli (Pg)	InterState	27/01/2016	10.26	27/01/2016	20.44	HT	APM Work
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.
Bus Coupler at Bhusawal	IntraState	27/01/2016	12.27	27/01/2016	18.28	PO	Diagnostic Testing work
Loteparshuram- Dasturi Line	IntraState	27/01/2016	14.00	27/01/2016	18.03	PO	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

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