

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Oct/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.242	3354.619	1) Gujrat	9.559	173.177
2) Hydro	7.217	337.033	2) Madhya Pradesh	13.469	363.115
3) Gas	8.465	250.499	3) Chattisgarh	4.600	135.430
Total MSPGCL	144.924	3942.151	4) Maharashtra Net	117.040	2968.784
B) 1) APLM	51.940	1544.460	5) Goa	-7.959	-218.365
2) JSWEL	28.152	785.302	6) TAPS 1&2 Injection	3.569	99.620
3) VIPL	12.577	343.699	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.320	582.020	8) Pench (MS)	0.552	20.549
5) WPCL	5.175	131.212	9) Pench (Excess)	-0.552	-20.549
6) Other IPP	2.877	88.556	Total	139.726	3501.212
C) 1) TPCL Thermal	17.250	479.992	a) Mumbai Schedule	28.487	746.213
2) TPCL Hydro	2.742	67.843	b) Mumbai Drawl	30.598	835.279
3) TPCL Gas	3.646	108.258	c) MSEDCL Bilateral *	51.907	1056.526
4) R-INFRA Thermal	12.247	326.737	Include PX	17.952	184.710
D) STATE			d) Mumbai Bilateral *	28.487	742.850
1) Thermal	282.780	7636.597	Include PX	8.579	180.250
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	9.959	404.876	H) ENERGY CATERED (MUs)		
3) Gas	12.111	358.757	1) MSEDCL	381.622	10225.687
4) Wind	2.583	111.927	2) Mumbai Discoms	66.484	1818.088
6) SOLAR	0.946	30.427	TOTAL STATE	448.106	12043.775
TOTAL STATE	308.379	8542.584			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5422	5468	5567	5194
MSPGCL Hydro	850	542	343	102
MSPGCL Gas	293	292	296	438
MSPGCL Total Generation	6565	6302	6206	5734
Central Sector Receipt	6266	6799	5645	5357
WIND	107	20	105	91
CPP / IPP	5488	5484	5521	4738
SOLAR	168	72	0	0
Exchange with Mumbai	-1512	-1583	-1528	-859
MSEDCL DEMAND MET	17082	17094	15949	15061
Load Shedding	422	257	249	90
MSEDCL DEMAND	17504	17351	16198	15151
TPCL GENERATION	1096	1140	1189	831
R-INFRA GENERATION	509	508	512	518
MUMBAI DEMAND	3117	3231	3229	2208
STATE DEMAND MET	20199	20325	19178	17269
STATE DEMAND	20621	20582	19427	17359
Frequency (Hz)	50.03	49.99	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 12.01 Hrs	49.7 Hz at 18.11 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 28/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.75	81.24	120	96
Unit 6	0.00	0.00	0	0
Unit 7	3.80	98.26	170	150
Total	6.54	179.50		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.83	83.26	180	110
Unit 4	10.96	306.88	500	370
Unit 5	12.02	316.06	510	460
Total	26.80	706.20		
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	2.97	90.43	134	68
Unit 3	4.56	129.51	201	148
Unit 4	4.70	128.16	204	173
Unit 5	10.04	187.24	440	380
Unit 6	10.55	253.98	465	400
Unit 7	10.59	231.03	453	430
Total	43.40	1020.34		
Paras				
Unit 3	5.10	136.60	228	192
Unit 4	5.29	140.60	243	200
Total	10.39	277.19		
Khaparkhedda				
Unit 1	3.86	94.69	175	145
Unit 2	3.99	103.44	175	155
Unit 3	4.12	107.39	185	154
Unit 4	0.82	47.31	148	0
Unit 5	10.48	270.09	479	385
Total	23.26	622.92		
Nasik				
Unit 3	4.63	127.72	205	180
Unit 4	4.39	97.99	193	167
Unit 5	4.64	128.88	201	180
Total	13.66	354.59		
Uran				
All Units	8.46	250.50	444	290
Total	8.46	250.50		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.55	20.55	50	0
Total	0.55	20.55		
Koyna				
Stage 1-2	1.80	115.04	370	40
Stage 4	2.58	118.49	451	0
Stage 3	0.42	48.26	152	0
Total	4.80	281.80		
Hydro				
KDPH	0.88	4.04	37	36
VTRNA	0.00	4.30	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.86	77	0
RNGR+BHTSA	0.26	4.15	15	0
BHANDARDRA	0.45	12.57	31	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	6.29	23	13
GHATGHAR	0.33	18.97	125	0
Total	2.42	55.24		
Wind				
Total	2.58	111.93	0	0
Total	2.58	111.93		
CPP				
APML(Mus)	51.94	1544.46	0	0
JSWEL(Mus)	28.15	785.30	0	0
VIPL(Mus)	12.58	343.70	0	0
RPLAMT(Mus)	23.32	582.02	0	0
WPCL(Mus)	5.18	131.21	0	0
Other(Mus)	2.88	88.56	0	0
Total	124.04	3475.25		
SOLAR				
Total	0.95	30.43	0	0
Total	0.95	30.43		
Tata				
Trombay 5	11.32	314.99	488	424
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	67.43	115	63
Trombay 7B	1.42	40.82	67	46
Trombay 8	5.93	165.00	249	245
TATA Hydro	2.74	67.84	309	0
Total	23.64	656.09		
R-INFRA				
1-2	12.25	326.74	518	441
Total	12.25	326.74		

Infirm Power	Chandrapur 8	0.06
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	129.24	3354.62
MSPGCL Thml+Gas	137.71	3605.12

Koradi 8	5.12	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.22	337.03
MSPGCL Total	144.92	3942.15

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.38	233.54
State Total	308.38	8542.58

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 28/Oct/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5212	432	402	6046	83	4747	0	5820	5693	-1246	15323	48	15371	2605	17976	49.94
2	5201	172	432	5805	103	4687	0	5669	5555	-973	15177	77	15254	2350	17604	49.96
3	5194	102	438	5734	91	4738	0	5691	5357	-859	15061	90	15151	2208	17359	49.99
4	5212	103	440	5755	98	4808	0	5702	5318	-741	15238	234	15472	2116	17588	50.00
5	5298	103	442	5843	108	4775	0	5688	5180	-677	15229	265	15494	2057	17551	49.98
6	5316	108	442	5866	120	4743	0	5852	5539	-739	15529	364	15893	2113	18006	49.90
7	5474	136	444	6054	178	4862	3	5850	5684	-797	15984	522	16506	2173	18679	49.92
8	5480	140	443	6063	195	5042	34	5937	5431	-910	15855	538	16393	2285	18678	50.01
9	5446	144	439	6029	157	5230	60	6156	5967	-1184	16259	528	16787	2562	19349	49.95
10	5415	519	433	6367	230	5257	123	6337	6278	-1487	16768	423	17191	2862	20053	50.01
11	5413	693	297	6403	124	5411	138	6566	6131	-1554	16653	377	17030	3003	20033	50.01
12	5422	850	293	6565	107	5488	168	6686	6266	-1512	17082	422	17504	3117	20621	50.03
13	5356	551	292	6199	92	5476	117	6940	6552	-1526	16910	425	17335	3234	20569	50.04
14	5341	328	291	5960	133	5458	88	6862	6555	-1476	16718	400	17118	3211	20329	50.08
15	5400	520	291	6211	30	5472	96	6701	6622	-1561	16870	329	17199	3240	20439	49.96
16	5468	542	292	6302	20	5484	72	6641	6799	-1583	17094	257	17351	3231	20582	49.99
17	5380	441	291	6112	31	5456	38	6326	6246	-1530	16353	287	16640	3186	19826	49.92
18	5486	208	290	5984	62	5513	9	5479	5174	-1458	15284	328	15612	3130	18742	49.86
19	5567	343	296	6206	105	5521	0	5549	5645	-1528	15949	249	16198	3229	19427	49.98
20	5585	257	296	6138	134	5484	0	5859	5671	-1455	15972	280	16252	3098	19350	50.04
21	5480	156	300	5936	117	5503	0	5738	5645	-1503	15698	253	15951	3112	19063	49.99
22	5453	133	296	5882	103	5216	0	5482	5055	-1531	14725	234	14959	2854	17813	49.99
23	5327	118	292	5737	100	4861	0	5686	5428	-1419	14707	178	14885	2790	17675	49.98
24	5316	118	293	5727	62	4809	0	5980	5935	-1349	15184	174	15358	2717	18075	49.97
MUs	129.24	7.22	8.46	144.92	2.58	124.04	0.95	145.20	139.73	-30.60	381.62	7.28	388.90	66.48	455.39	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 28/Oct/2015

Position as on 6.30 Hrs of 29/Oct/2015

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 4	75	28/10/2015	07.40	28/10/2015	17.45	Preventive 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 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
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	
IPP	Adani U-4	660	11/09/2015	20.49	28/10/2015	05.46	Abnormal sound in generater bearing	
MSPGCL	Koradi Unit-8	660	21/10/2015	20.49	28/10/2015	02.10	ESP Problem.	
MSPGCL	Khaparkheda Unit 4	210	22/10/2015	12.58	28/10/2015	17.05	Turbine Vibration High.	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Chandrapur Unit-8	500	24/10/2015	12.34	28/10/2015	23.31	clenkar formation in boiler	
IPP	Adani U-3	660	27/10/2015	09.48		Continued.	Excitation Tranf. Abnormal Sound.	
MSPGCL	Uran Unit 5	108	28/10/2015	10.56		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 29/Oct/2015

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	27/10/2015	10.49	28/10/2015	06.57	PO	Line Maintenance work.
Kolhapur Mapusa I	InterState	27/10/2015	21.13	28/10/2015	06.53	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	28/10/2015	10.58		Continued.	PO	Work @ SSNL End.RFC @ 18.45hrs
Kolhapur Mapusa II	InterState	28/10/2015	20.16	29/10/2015	06.55	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26		Continued.	HT	Controlling BBLR ICT Loading.
Dhule- Bableshtar - I	IntraState	26/10/2015	10.29	28/10/2015	19.29	PO	Relay repl.work (out for 3 days)
Karad - Lonikand 1	IntraState	27/10/2015	10.13		Continued.	PO	Tower replcement work.
karad -kolhapur-II	IntraState	27/10/2015	16.36	28/10/2015	08.44	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	27/10/2015	17.07	28/10/2015	08.56	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	27/10/2015	19.13	28/10/2015	06.37	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	28/10/2015	09.26	28/10/2015	15.36	PO	For Tightening Nut Bolts Arcing Horn Corona Ring.
Chandrapur-Parali III	IntraState	28/10/2015	10.03	28/10/2015	18.49	PO	Fixing of Broken Spacer Cum Vibration Dampers.
Deepnagar Taptitanda	IntraState	28/10/2015	11.23	28/10/2015	18.05	PO	For Tightening of Nut Bolts Arcing Horn Corona Ring.
Chandrapur - Chandrapur II	IntraState	28/10/2015	14.19	28/10/2015	17.19	PO	For Attending Sparking on R Phwave Trap.
karad -kolhapur-I	IntraState	28/10/2015	16.34	29/10/2015	06.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/10/2015	17.09	29/10/2015	06.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/10/2015	18.01	29/10/2015	06.27	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 1 @Girwali	IntraState	28/10/2015	21.17	29/10/2015	05.04	T	Differential protection
220 KV LINE Outages/Trippings							
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Amalner - Bambhori	IntraState	28/10/2015	09.22	28/10/2015	12.57	PO	Replacement of Damaged Insulator String.
Apta - Taloja	IntraState	28/10/2015	13.42	28/10/2015	14.41	PO	Attending Hot Spot
Koradi-Khaperkheda	IntraState	28/10/2015	20.21	28/10/2015	22.46	T	Distance Protection Operated Zone-I R Y Phase.
Parli 3 (Oldgr)-Harangul Ckt I	IntraState	28/10/2015	21.17	28/10/2015	21.28	T	Load Trimming Scheme Operated for ICT-I & III After Tripping of ICT -II.
Parli 3 (Oldgr)-Harangul Ckt 2	IntraState	28/10/2015	21.17	28/10/2015	21.55	T	Load Trimming Scheme Operated for ICT-I & III After Tripping of ICT -II.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	28/10/2015	10.03	28/10/2015	15.25	PO	SFRA & Tan Delta Testing Work.
132 KV LINE Outages/Trippings							
Dondaicha-Nandurbar	IntraState	28/10/2015	06.20	28/10/2015	06.45	T	Distance Protection Operated Zone-I B Ph-E.

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/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 29/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dondaicha-Nandurbar	IntraState	28/10/2015	07.17	28/10/2015	15.25	T	B Ph CB Pole Burst @ Dondaicha
Khapri-Besa	IntraState	28/10/2015	08.05	28/10/2015	08.35	T	Tripped @ Khapri End Only on O/C.
Pardi-Besa	IntraState	28/10/2015	08.05	28/10/2015	09.28	T	Distance Protection Operated Zone-II R Phase.
Girwali-Renapur-Ahamadpur	IntraState	28/10/2015	21.17	28/10/2015	21.34	T	Load Trimming Scheme Operated for ICT-I & III After Tripping of ICT-II.
132 KV ICT Outages/Trippings							
132/33KV 50MVA T/F @parly	IntraState	28/10/2015	21.17	28/10/2015	22.10	T	Load Trimming Scheme Operated for ICT-I & III After Tripping of ICT-II.
132/33 Kv 25 Mva Ece Ptr I @Parli	IntraState	28/10/2015	21.17	28/10/2015	22.12	T	Load Trimming Scheme Operated for ICT-I & III After Tripping of ICT-II.