



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

28/Oct/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 28/Oct/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	101.093	2563.493	1) Gujrat	6.486	357.828
2) Hydro	3.452	496.970	2) Madhya Pradesh	24.359	573.158
3) Gas	15.271	403.814	3) Chattisgarh	14.740	336.900
Total MSGENCO	119.816	3464.277	4) Maharashtra	47.793	1166.620
B) OTHERS			5) Goa	-6.323	-167.389
1) JSW JAIGAD	21.632	595.821	6) TAPS 1&2 Injection	7.798	200.982
2) WPCL	7.309	255.285	7) RGPPL Injection	33.195	368.910
3) Other CPP / IPP	3.250	132.745	8) Pench (Excess)	-0.358	-14.602
4) Wind Generation	7.013	90.717	# Total Cent. Sector	127.690	2822.407
5) PENCH (MS)	0.358	15.395	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.631	-276.049
1) TPCL Thermal	27.423	821.084	G) Bilateral Power *		
2) TPCL Hydro	0.202	88.770	1) MSEDCL Bilateral	28.604	861.945
TOTAL TPCL	27.625	909.854	Include PX	0.000	175.412
3) REL Thermal	12.600	349.846	2) MUMBAI Bilateral	9.848	331.584
D) STATE			Include PX	0.445	25.303
1) Thermal (A1+C1+C3)	141.116	3734.423	3) MUMBAI Schedule	9.848	332.609
2) Hydro (A2+B5+C2)	4.012	601.135	H) ENERGY CATERED (MUs)		
3) Gas (A3)	15.271	403.814	1) MSEDCL	277.437	7683.535
4) Wind (B4)	7.013	90.717	2) TPCL	33.360	1023.294
5) CPP (B1+B2+B3)	32.191	983.851	3) REL	16.496	512.895
TOTAL STATE	199.603	5813.940	TOTAL STATE	327.293	9219.724

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4274	4444	3900
MSGENCO Hydro	195	411	78
MSGENCO Gas	616	635	656
MSGENCO Total Generation	5085	5490	4634
Central Sector Receipt	5463	5398	5261
WIND	411	231	333
CPP / IPP	1378	1297	1293
Exchange with Mumbai	-353	-467	-320
MSEDCL DEMAND MET	11984	11989	11317
Load Shedding (LS)	531	55	58
MSEDCL DEMAND (INCL. LS)	12515	12044	11375
TPCL GENERATION	1433	1429	801
REL GENERATION	527	525	499
TPCL+REL DEMAND	2313	2421	1620
STATE DEMAND MET	14297	14410	12937
Load Management (LM)	1387	2366	0
Total Load Relief (LS+LM)	1918	2421	58
UNRESTRICTED STATE DEMAND	16215	16831	12995
Frequency (Hz)	49.89	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.35 Hz at 08.04 Hrs	49.38 Hz at 05.46 Hrs	49.9	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 28/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.79	85.08	151	40	125
Unit 6	3.45	84.21	165	116	125
Unit 7	0.00	22.85	0	0	0
Total	6.24	192.13			250
Bhusawal					
Unit 2	3.95	28.29	175	145	170
Unit 3	3.64	89.60	160	140	160
Unit 4	0.00	3.62	0	0	
Total	7.58	121.51			330
Parli					
Unit 3	1.30	85.62	143	0	120
Unit 4	3.66	36.81	172	123	128
Unit 5	2.91	81.84	169	103	108
Unit 6	0.90	81.21	172	0	0
Unit 7	4.21	36.52	192	150	112
Total	12.98	322.00			468
Chandrapur					
Unit 1	3.91	106.63	167	158	160
Unit 2	3.45	90.11	147	141	140
Unit 3	4.34	116.76	186	154	185
Unit 4	0.00	51.32	0	0	0
Unit 5	9.04	231.06	425	330	400
Unit 6	9.55	226.04	450	300	400
Unit 7	9.94	236.18	455	348	400
Total	40.23	1058.10			1685
Paras					
Unit 3	3.56	89.06	168	125	150
Unit 4	3.63	66.02	183	121	150
Total	7.19	155.09			300
Khaparkheda					
Unit 1	3.63	108.58	185	120	125
Unit 2	3.60	82.39	185	117	125
Unit 3	3.47	113.79	161	122	125
Unit 4	3.86	119.88	199	124	125
Unit 5	0.00	31.95	0	0	
Total	14.56	456.59			500
Nasik					
Unit 3	4.65	92.95	215	160	171
Unit 4	3.89	80.08	174	148	144
Unit 5	3.76	85.06	180	136	126
Total	12.30	258.08			441
Uran					
All Units	15.27	403.81	658	605	640
Total	15.27	403.81			640
PENCH (MS)					
Pench (MS)	0.36	15.40	47	0	
Total	0.36	15.40			
Koyna					
Stage 1-2	1.16	146.15	120	40	600
Stage 4	0.00	216.87	0	0	250
Stage 3	0.27	78.90	160	0	320
Total	1.44	441.92			1170
Kovna 12&4 Total	1.16	363.02			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.40	0	0	0
VTRNA	0.00	1.27	0	0	0
TILLARI	0.42	11.10	60	0	60
BHTGR/VEER	0.06	2.31	3	2	3
BHIRA T.R.	0.07	7.23	41	0	40
RNGR+BHTSA	0.34	9.10	16	2	15
BHANDARDRA	0.00	2.23	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.56	12.01	33	14	10
GHATGHAR	0.57	8.41	142	0	0
Total	2.02	55.06			128
Wind					
MalharPeth	0.56	6.15			
Vankuswadi	1.06	11.53			
ATIT	0.10	1.98			
Kale	0.40	3.77			
Satara	0.31	12.93			
Shirala	0.38	4.44			
K Mahankal	1.78	6.25			
Supa	0.12	2.42			
Vita	1.06	15.34			
Dondaicha	0.00	9.82			
Sakri	0.11	2.39			
Nandurbar	0.11	1.64			
Khandke	0.51	7.43			
Khaparale	0.51	4.64			
Total	7.01	90.72			
CPP					
JSW JAIGAD	21.63	595.82	955	839	845
WARDHA	7.31	255.28	307	300	285
Other CPPs	3.25	132.74			
Total	32.19	983.85			1130
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.06	316.18	490	280	490
Trombay 6	7.43	226.35	500	150	500
Trombay 7A	2.86	74.36	123	116	120
Trombay 7B	1.57	42.20	66	65	60
Trombay 8	5.50	161.99	244	153	250
TATA Hydro	0.20	88.77	49	0	447
Total	27.62	909.85			1867
REL					
1&2	12.60	349.85	528	499	500
Total	12.60	349.85			500
Cent Sect					
Share					5698
Total					5698

MS PG CL	Thermal	101.09	2563.49			3974
	Thml+Gas	116.36	2967.31			4614
	Hydro	3.45	496.97			1298
	Total	119.82	3464.28			5912
State Total		199.60	5813.94			15107

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/Oct/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	3919	78	658	4655	296	1396	5174	5382	-419	-610	11144	108	11252	1975	13227	49.85
2	3914	88	655	4657	345	1387	5075	5225	-320	-440	11199	57	11256	1803	13059	49.89
3	3919	83	658	4660	388	1393	5075	5181	-320	-373	11274	58	11332	1700	13032	50.06
4	3900	78	656	4634	333	1384	5075	5261	-320	-320	11317	58	11375	1620	12995	49.95
5	3932	83	605	4620	281	1386	5075	5297	-320	-255	11354	186	11412	1594	13134	49.89
6	4074	210	654	4938	270	1394	5032	5316	-283	-224	11719	902	11836	1652	14273	49.76
7	4223	233	655	5111	271	1385	5185	5036	-304	-222	11606	997	11810	1686	14289	49.77
8	4237	130	655	5022	277	1388	5182	5010	-303	-297	11412	775	11599	1732	13919	49.94
9	4302	119	645	5066	288	1388	5194	5168	-301	-361	11549	653	11703	1889	14091	49.89
10	4307	154	639	5100	381	1382	5388	5415	-371	-379	11899	1205	11985	2111	15215	49.80
11	4293	150	635	5078	428	1363	5505	5541	-461	-359	12051	1757	12416	2253	16061	49.92
12	4274	195	616	5085	411	1378	5489	5463	-451	-353	11984	1918	12515	2313	16215	49.89
13	4264	83	619	4966	400	1346	5487	5374	-450	-351	11735	1948	12290	2330	16013	49.85
14	4248	78	619	4945	323	1285	5474	5466	-439	-322	11697	1908	12139	2262	15867	50.01
15	4264	110	618	4992	244	1294	5405	5535	-406	-329	11736	1894	12125	2268	15898	49.96
16	4229	136	617	4982	155	1293	5319	5641	-439	-363	11708	1847	12112	2270	15825	49.86
17	4255	84	618	4957	166	1287	5284	5104	-406	-427	11087	1444	11472	2230	14761	50.00
18	4292	89	622	5003	107	1298	5274	5203	-393	-384	11227	950	11410	2191	14368	49.79
19	4403	465	630	5498	218	1304	5467	5515	-503	-449	12098	1617	12162	2402	16117	49.78
20	4444	411	635	5490	231	1297	5687	5398	-548	-467	11989	2421	12044	2421	16831	49.96
21	4359	151	637	5147	295	1301	5700	5581	-548	-481	11890	2357	11944	2395	16642	49.88
22	4360	88	640	5088	292	1281	5687	5545	-548	-566	11687	1516	11741	2321	15524	50.02
23	4332	78	643	5053	307	1288	5412	4910	-497	-660	10923	479	10977	2268	13670	49.89
24	4349	78	642	5069	306	1293	5303	5123	-497	-639	11152	479	11206	2170	13801	49.95
MUs	101.09	3.45	15.27	119.82	7.01	32.19	127.95	127.69	-9.85	-9.63	277.44	27.53	282.11	49.86	354.83	49.90

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 28/Oct/2011

Position as on 6.30 Hrs of 29/Oct/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 7	210	08/10/2011	23.43		Continued.	Annual overhaul.	03/11/2011
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	
Khaparkheda Unit 5	500	21/10/2011	00.40		Continued.	Furnace pressure low.	
Parli Unit 6	250	21/10/2011	21.19	28/10/2011	16.29	Low bunkering problem.	
CPP WPCL U-1	135	26/10/2011	10.26		Continued.	ID Fan Problem.	
Dabhol 3B	230	26/10/2011	23.03		Continued.	Gas shortage.	
Chandrapur Unit 4	210	27/10/2011	10.10		Continued.	Boiler Tube Leakage.	31/10/2011
Parli Unit 3	210	28/10/2011	09.45		Continued.	ID fan problem.	29/10/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Oct/2011

Position as on 6.30 Hrs of 29/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parli (PG)-Bhadravati I	08/10/2011	19.50		Continued.	Over Voltage
Parli-Parli (PGCIL) I	19/10/2011	21.40		Continued.	Over Voltage.
Parli (PGCIL)-Bhadravati-II	23/10/2011	21:57		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	24/10/2011	23.33	28/10/2011	09.44	Over Voltage.
Kolhapur - Mapusa - II	25/10/2011	16.19		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	28/10/2011	08.05		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Solapur (PGCIL)	22/10/2011	17:05		Continued.	Bus-I Bus bar protection operated due to Bursting of 400 KV Solapur (PGCIL) circuit breaker (Y-ph pole).
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Kalwa-Kharghar	28/10/2011	08.30	28/10/2011	13.44	Y ph.CT oil leakage.
Lonikand- Koyna Stage IV	29/10/2011	05.40		Continued.	Insulator string replacement.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT
Tillary - Halkarni	28/10/2011	11.20	28/10/2011	18.06	Replacement of B ph.CT.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	24/10/2011	06.50		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	25/10/2011	22.51	28/10/2011	09.27	Over Voltage
Bhusawal- Aurangabad	27/10/2011	23.16	28/10/2011	05.30	Over Voltage.
Bhusawal- Aurangabad	28/10/2011	21.29	29/10/2011	05.20	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	12/10/2011	19.56		Continued.	For System Stabily.
Valve-Jamde	18/10/2011	17.18		Continued.	H/T due to Tower collapsed at Loc.N.40.44.45.46.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220KV,100 MVA Spare Unit at Korady	04/10/2011	10.50		Continued.	Buchholz Alarm Recieved.
Karad-Jaigad II	28/10/2011	07.35	28/10/2011	08.52	Over Voltage.
Lonikand- Koyna Stage IV	28/10/2011	09.47	28/10/2011	10.29	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
Dondaicha - Jamde - I	18/10/2011	17.12		Continued.	Towers Damaged.
Dondaicha - Jamde - II.	18/10/2011	17.12		Continued.	Towers Damaged.
Dondaicha - Walve	18/10/2011	17.18		Continued.	Towers Damaged.
220/132KV 100MVA ICT-I at Bambhori	25/10/2011	19.06		Continued.	Tripped on R.E.F.
Vita - Lamboti	28/10/2011	03.31	28/10/2011	04.00	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Eldari - Jintur	19/10/2011	15.20		Continued.	B Phase Pole of C B Flashover.
null					

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Oct/2011

Position as on 6.30 Hrs of 29/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
50 MVAR Reactor of 400 KV Padgha-Bhoisor line	17/10/2011	19.47		Continued.	Oil Leakage at Padgha Reactor

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 29/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	155
Unit 6	210	160
Unit 7	210	0
	620	315
Bhusawal		
Unit 2	210	170
Unit 3	210	160
Unit 4	500	
	920	330
Parli		
Unit 3	210	0
Unit 4	210	170
Unit 5	210	170
Unit 6	250	185
Unit 7	250	205
	1130	730
Chandrapur		
Unit 1	210	160
Unit 2	210	140
Unit 3	210	190
Unit 4	210	0
Unit 5	500	330
Unit 6	500	325
Unit 7	500	400
	2340	1545
Paras		
Unit 3	250	150
Unit 4	250	150
	500	300
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	160
Unit 4	210	180
Unit 5	500	
	1340	700
Nasik		
Unit 3	210	171
Unit 4	210	153
Unit 5	210	143
	630	467
Uran		
All Units	852	630
	852	630
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	100
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	1100
WARDHA	405	360
Other CPPs	0	
	1005	1460
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5596
	3455	5596

	17900	7 of 7 15710
--	--------------	---------------------