



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Nov/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.584	2838.891	1) Madhya Pradesh	58.273	1379.787
2) Hydro	6.400	107.595	2) Gujrat	10.880	412.258
3) Gas	15.767	361.758	3) Goa	-6.655	-151.943
Total MSGENCO	143.751	3308.244	4) TAPS 1&2 (Inj.)	5.941	100.889
B) OTHERS			5) Pench (Excess)	-0.475	-7.796
1) RGPPL Gas	35.178	883.229	# Total Cent. Sector	67.964	1733.195
2) Wind Generation	1.296	105.370	F) Other Exchanges		
3) CPP / IPP	10.649	221.298	1) With TPCL (Excess)	-16.755	-279.856
4) PENCH (MS)	0.475	7.796	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.363	140.012
1) TPCL Thermal	25.521	641.717	Include PX	0.000	0.000
2) TPCL Hydro	2.941	76.408	2) MUMBAI Bilateral	17.430	300.758
TOTAL TPCL	28.462	718.125	Include PX	8.234	122.318
3) REL Thermal	6.281	286.980	3) MUMBAI Schedule	17.430	301.638
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	153.386	3767.588	1) MSEDCL	242.558	5979.276
2) Hydro (A2+B3+C2)	9.816	191.799	2) TPCL	35.703	858.465
3) Gas (A3+B1)	50.945	1244.987	3) REL	15.791	426.455
4) Wind (B2)	1.296	105.370	TOTAL STATE	294.052	7264.196
5) CPP (B3)	10.649	221.298			
TOTAL STATE	226.092	5531.042			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5265	5196	4946
MSGENCO Hydro	497	875	88
MSGENCO Gas	658	657	659
MSGENCO Total Generation	6420	6728	5693
Central Sector Receipt	2806	3204	1906
RGPPL	1444	1533	1437
WIND	103	20	72
CPP / IPP	456	455	440
Exchange with TPCL	-703	-854	-471
MSEDCL DEMAND MET	10526	11139	9077
Load Shedding	8	1905	0
MSEDCL DEMAND (INCL. LS)	10534	13044	9077
TPCL GENERATION	1436	1520	848
REL GENERATION	263	262	264
TPCL+REL DEMAND	2402	2636	1583
STATE DEMAND MET	12928	13775	10660
STATE DEMAND (INCL. LS)	12936	15680	10660
Frequency (Hz)	49.87	49.82	50.22
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2008 MW at 19.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			9.84 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.43 Hz at 03.20 Hrs	49.26 Hz at 18.09 Hrs	49.99	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 25/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.75	37.51	67	0	65
Unit 2	1.66	39.49	78	59	65
Unit 3	1.55	33.56	75	54	55
Unit 4	1.59	10.94	77	50	65
Unit 5	3.50	84.56	159	128	145
Unit 6	3.20	85.87	150	114	130
Unit 7	3.70	60.57	170	125	145
	15.96	352.50			670
Bhusawal					
Unit 1	0.38	12.83	21	13	25
Unit 2	3.78	65.95	185	130	150
Unit 3	4.23	100.84	195	155	185
	8.39	179.63			360
Parli					
Unit 1	0.48	12.03	22	18	20
Unit 2	0.14	11.19	21	0	20
Unit 3	3.64	77.40	180	129	150
Unit 4	4.08	95.49	186	149	160
Unit 5	0.00	53.45	0	0	0
Unit 6	4.10	98.27	221	128	185
Unit 7	4.41	102.61	247	154	180
	16.86	450.43			715
Chandrapur					
Unit 1	3.64	87.50	161	137	160
Unit 2	3.83	85.30	171	150	160
Unit 3	4.53	77.52	206	160	180
Unit 4	4.43	98.51	198	150	190
Unit 5	7.38	201.70	335	280	300
Unit 6	7.61	186.73	375	270	300
Unit 7	7.57	202.50	372	253	300
	38.99	939.74			1590
Paras					
Unit 2	0.00	9.87	0	0	0
Unit 3	4.81	80.81	235	161	210
Unit 4	4.29	109.54	230	96	210
	9.10	200.22			420
Khaparkheda					
Unit 1	4.71	114.81	205	180	210
Unit 2	4.46	67.21	200	166	210
Unit 3	3.64	106.80	162	135	200
Unit 4	4.27	101.04	181	174	180
	17.08	389.87			800
Nasik					
Unit 1	1.98	48.22	90	54	76
Unit 2	0.00	33.20	0	0	0
Unit 3	4.55	109.29	205	160	182
Unit 4	4.35	32.96	210	163	162
Unit 5	4.32	102.84	196	163	162
	15.20	326.51			582
Koyna					
Stage 1-2	1.32	36.31	110	35	600
Stage 4	0.60	4.87	215	0	250
Stage 3	0.68	10.31	228	0	320
	2.60	51.50			1170
Kovna 12&4 Total	1.92	41.18			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.77	361.76	665	646	640
		15.77	361.76			640
Hydro						
KDPH		0.00	0.87	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.37	9.85	60	0	60
BHTGR/VEER		0.17	1.97	8	7	10
BHIRA T.R.		0.23	5.17	82	0	40
RNGR+BHTSA		0.34	8.82	15	14	10
BHANDARDRA		0.14	1.19	14	0	0
ELDARY		0.38	4.48	18	11	0
SMLHY PTN		0.42	6.48	25	13	9
GHATGHAR		1.74	17.27	240	0	0
		3.80	56.10			129
PENCH (MS)						
Pench (MS)		0.48	7.80	53	0	
		0.48	7.80			
Wind						
MalharPeth		0.08	4.10			
Vankuswadi		0.24	12.19			
ATIT		0.03	1.77			
Kale		0.07	4.21			
Satara		0.07	11.93			
Shirala		0.05	4.24			
K Mahankal		0.17	5.52			
Supa		0.01	2.38			
Vita		0.35	19.71			
Dondaicha		0.09	19.24			
Sakri		0.01	3.40			
Nandurbar		0.02	1.90			
Khandke		0.09	9.26			
Khaparale		0.00	5.54			
		1.30	105.37			
CPP						
TOTAL CPP		10.65	221.30			
		10.65	221.30			
Dabhol						
RGPPL		35.18	883.23	1543	1436	1565
		35.18	883.23			1565
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.80	272.19	490	330	500
Trombay 6		5.76	130.24	400	150	500
Trombay 7A		2.68	71.57	126	87	60
Trombay 7B		0.92	37.73	42	36	100
Trombay 8		5.36	130.00	250	150	250
TATA Hydro		2.94	76.41	382	0	447
		28.46	718.12			1857
REL						
1&2		6.28	286.98	264	256	250
		6.28	286.98			250
Cent Sect						
Share						3251
						3251
MS PG CL	Thermal	121.58	2838.89			5137
	Thml+Gas	137.35	3200.65			5777
	Hydro	6.40	107.60			1299
	Total	143.75	3308.24			7076
State Total		226.09	5531.04			13999

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Nov/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	5031	93	661	5785	1436	113	435	2476	2210	-598	-583	9396	0	9396	1705	11101	50.09
2	4946	88	659	5693	1437	72	440	2314	1906	-503	-471	9077	0	9077	1583	10660	50.22
3	4818	93	664	5575	1439	64	440	2242	2134	-434	-413	9239	0	9239	1486	10725	50.10
4	4741	98	664	5503	1438	60	448	2223	2459	-412	-391	9517	0	9517	1444	10961	50.29
5	4912	104	663	5679	1438	52	446	2203	2381	-388	-359	9637	0	9637	1433	11070	50.07
6	5123	159	665	5947	1442	63	449	2554	2680	-412	-393	10188	0	10188	1492	11680	49.97
7	5219	159	662	6040	1442	78	447	2799	2923	-481	-465	10492	0	10492	1656	12148	49.93
8	5312	99	662	6073	1441	116	447	2794	2852	-527	-513	10418	0	10418	1779	12197	49.91
9	5327	285	663	6275	1442	82	479	2852	2764	-645	-629	10413	0	10413	2053	12466	50.04
10	5265	497	658	6420	1444	103	456	3178	2806	-722	-703	10526	8	10534	2402	12936	49.87
11	5204	424	655	6283	1446	95	479	3169	2562	-827	-811	10054	137	10191	2621	12812	49.93
12	5054	419	652	6125	1448	54	460	3289	2786	-827	-816	10090	0	10090	2649	12739	50.03
13	4883	343	653	5879	1444	51	458	3378	2884	-922	-887	9880	87	9967	2598	12565	49.94
14	4891	161	656	5708	1445	36	437	3384	3074	-922	-885	9866	247	10113	2525	12638	50.09
15	5013	109	650	5772	1443	38	426	3373	3299	-922	-894	10109	302	10411	2549	12960	49.96
16	5016	104	652	5772	1442	21	440	3314	3120	-922	-889	9906	340	10246	2582	12828	49.92
17	5052	202	646	5900	1476	24	461	3151	3493	-922	-893	10461	535	10996	2577	13573	49.99
18	5212	358	652	6222	1529	18	434	3268	3165	-884	-852	10549	869	11418	2497	13915	49.81
19	5196	875	657	6728	1533	20	455	3361	3204	-884	-854	11139	1905	13044	2636	15680	49.82
20	5103	814	653	6570	1539	23	457	3343	3229	-908	-877	10994	2041	13035	2567	15602	49.93
21	5128	537	654	6319	1541	20	483	3160	3162	-884	-837	10739	1700	12439	2411	14850	49.88
22	5131	181	653	5965	1543	24	384	3136	3305	-860	-815	10426	1423	11849	2221	14070	49.97
23	5052	89	657	5798	1506	34	399	3226	3035	-884	-835	9988	1419	11407	2096	13503	49.98
24	4955	109	656	5720	1444	35	389	2857	2531	-740	-690	9454	1409	10863	1936	12799	50.05
MUs	121.58	6.40	15.77	143.75	35.18	1.30	10.65	71.04	67.96	-17.43	-16.76	242.56	12.42	254.98	51.50	306.48	49.99

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 25/Nov/2010

Position as on 6.30 Hrs of 26/Nov/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Parli Unit 5	210	19/11/2010	01.05		Continued.	Annual Overhaul	20/12/2010
Cent_Sect NTPC(V-3)	210	23/11/2010	00.20		Continued.	Annual overhaul.	05/12/2010
Nasik Unit 2	125	23/11/2010	00.40		Continued.	Annual Overhaul.	30/12/2010
REL 1	250	24/11/2010	03.55		Continued.	Annual overhaul	18/12/2010
Koyna Unit 7	80	25/11/2010	07.05		Continued.	Turbine Guide Bearing repl.work	28/11/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/11/2010
Paras Unit 2	55	16/11/2010	23.00		Continued.	Boiler tube validity expired.	26/11/2010
Parli Unit 2	30	25/11/2010	08.02	26/11/2010	00.40	Flame Failure	
Koradi Unit 1	105	25/11/2010	12.46		Continued.	Boiler Feed Pump problem	
CPP JSW_JAIGAD	300	25/11/2010	21.35		Continued.	Boiler Tube Leakage.	29/11/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Nov/2010

Position as on 6.30 Hrs of 26/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Akola - Wardha - I	11/11/2010	23.47		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	20/11/2010	23.02	25/11/2010	09.16	Over Voltage.
Kolhapur - Mapusa - I	24/11/2010	22.32		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	25/11/2010	01.38		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Mudsungi-Amona	23/11/2010	17.14	25/11/2010	16.10	Distance protection.
MUDSHINGI-CHIKODI	24/11/2010	13.40	25/11/2010	09.10	Dist. Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
400/220 KV 315MVA ICT-II @ Karad	23/11/2010	10.43		Continued.	dismantling of existing old 220KV CB.
400/220KV,315 MVA ICT-I At Lonikand.	25/11/2010	07.36	25/11/2010	19.23	C.T.replacement work at 220KV side
Chandrapur - Parli - II	25/11/2010	09.00	25/11/2010	17.07	Attending Hot Spot
Lonikand - Parli - I	25/11/2010	10.38	25/11/2010	17.33	Attending Hot Spot (Ckt charged through TBC)
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
Tifil-Trombay	08/10/2010	10.18		Continued.	Erection & Stringing of M/C Towers (Loc.22-40) & Dismantling of Old Towers upto 6.11.2010.
220/132KV 100MVA ICT-II @ Chalisgaon	08/11/2010	11.10		Continued.	Commissioning of new 200MVA ICT by replacing 100MVA ICT.
220/132 KV 150 MVA ICT - I @ NSK.	10/11/2010	09.40		Continued.	Augmentation of existing 150 MVA ICT by new 200MVA ICT (Up to 09.12.2012)
Babaleshwar - Babaleshwar - II	18/11/2010	09.02		Continued.	Isolator replacement work, Line on TBC
B - Bus at Boiser	21/11/2010	09:02		Continued.	Maintenance Isolator alignment and Hot spot.
Jejuri-Phursungi	22/11/2010	12.35		Continued.	Overhauling of breaker.
Bhosari-Chinchwad	25/11/2010	07.02	25/11/2010	20.08	Conductor replacement work
Pusad-Parbhani	25/11/2010	07.53	25/11/2010	21.20	Commissioning of WT and CC
Wadkhal-IPCL I	25/11/2010	09.28	25/11/2010	18.48	Q.M.Work
Main Bus at Parbhani	25/11/2010	09.44	25/11/2010	15.16	Attending Hot Spot
Kalyani-Bhigwan	25/11/2010	12.30	25/11/2010	15.25	Decapping Insulator work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Waghala - Narsi	25/11/2010	14.53	25/11/2010	16.47	Taking of CT in service
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/66KV 150 MVA ICT- II @ Gadchandur	25/11/2010	09.35	25/11/2010	16.31	Testing work
220/132 KV 150 MVA ICT-I @ Dhule	25/11/2010	14.40	25/11/2010	16.40	Repl.of 132KV B phase CT due to heavy oil leakage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Nov/2010

Position as on 6.30 Hrs of 26/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	24/11/2010	23.43	25/11/2010	06.03	Over Voltage
Karad - Kolhapur - I	25/11/2010	00.41	25/11/2010	06.17	Over Voltage
Lonikand- Koyna Stage IV	25/11/2010	00.43	25/11/2010	08.08	Over Voltage
Karad - Kolhapur - I	25/11/2010	23.35		Continued.	Over Voltage
Bhusawal- Aurangabad	25/11/2010	23.52	26/11/2010	05.55	Over Voltage
Lonikand- Koyna Stage IV	26/11/2010	01.26		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	20/11/2010	21.32		Continued.	Differential Protection.
Kalmeshwar-Kaparkheda	24/11/2010	11.37	25/11/2010	18.41	To attend Gas Leakage on Main Breaker
Voltage Level : 132KV			Outage Type TRIPPED		
Butibori MIDC-Khapri Cky.	08/11/2010	10.10		Continued.	Dist.Prot.Y Ph.and B Ph.B/D decleared.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	65
Unit 3	105	50
Unit 4	105	70
Unit 5	200	140
Unit 6	210	130
Unit 7	210	130
	1040	585
Bhusawal		
Unit 1	58	22
Unit 2	210	160
Unit 3	210	175
	478	357
Parli		
Unit 1	30	19
Unit 2	30	19
Unit 3	210	172
Unit 4	210	175
Unit 5	210	0
Unit 6	250	160
Unit 7	250	190
	1190	735
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	185
Unit 4	210	170
Unit 5	500	300
Unit 6	500	300
Unit 7	500	325
	2340	1590
Paras		
Unit 2	55	0
Unit 3	250	210
Unit 4	250	140
	555	350
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	200
Unit 4	210	180
	840	800
Nasik		
Unit 1	120	85
Unit 2	120	0
Unit 3	210	200
Unit 4	210	210
Unit 5	210	190
	870	685
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	13
SMLHY PTN	12	13
GHATGHAR	250	
	611	187
PENCH (MS)		
Pench (MS)	53	
	53	
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		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1559
	960	1559
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	40
Trombay 8	250	250
TATA Hydro	444	447
	2024	1977
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3427
	3143	3427

	17376	7 of 7	14232
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