



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Nov/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	109.168	668.506	1) Madhya Pradesh	51.654	353.983
2) Hydro	3.731	29.201	2) Gujrat	13.830	102.453
3) Gas	15.650	93.364	3) Goa	-5.135	-33.549
Total MSGENCO	128.549	791.071	4) TAPS 1&2 (Inj.)	3.978	23.751
B) OTHERS			5) Pench (Excess)	-0.230	-2.072
1) RGPPL Gas	35.170	214.826	# Total Cent. Sector	64.097	444.566
2) Wind Generation	1.213	32.030	F) Other Exchanges		
3) CPP / IPP	7.455	48.891	1) With TPCL (Excess)	-7.387	-55.148
4) PENCH (MS)	0.230	2.072	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.648	35.435
1) TPCL Thermal	24.727	157.996	Include PX	0.000	0.000
2) TPCL Hydro	1.588	19.203	2) MUMBAI Bilateral	8.034	62.418
TOTAL TPCL	26.315	177.199	Include PX	3.101	24.996
3) REL Thermal	12.611	75.603	3) MUMBAI Schedule	8.034	62.418
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	146.506	902.105	1) MSEDCL	229.327	1478.308
2) Hydro (A2+B3+C2)	5.549	50.476	2) TPCL	30.391	204.140
3) Gas (A3+B1)	50.820	308.190	3) REL	15.922	103.801
4) Wind (B2)	1.213	32.030	TOTAL STATE	275.640	1786.249
5) CPP (B3)	7.455	48.891			
TOTAL STATE	211.543	1341.692			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4574	4731	4387
MSGENCO Hydro	134	743	57
MSGENCO Gas	640	650	658
MSGENCO Total Generation	5348	6124	5102
Central Sector Receipt	2718	3610	1590
RGPPL	1454	1552	1480
WIND	47	59	42
CPP / IPP	316	304	302
Exchange with TPCL	-268	-463	-294
MSEDCL DEMAND MET	9615	11213	8247
Load Shedding	0	0	0
MSEDCL DEMAND (INCL. LS)	9615	11213	8247
TPCL GENERATION	1240	1203	935
REL GENERATION	527	521	528
TPCL+REL DEMAND	2035	2187	1757
STATE DEMAND MET	11650	13400	10004
STATE DEMAND (INCL. LS)	11650	13400	10004
Frequency (Hz)	50.13	50.02	50.10
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			409 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			-1.05 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.53 Hz at 13.42 Hrs	49.57 Hz at 17.53 Hrs	50.11	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 06/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.76	9.90	79	63	80
Unit 2	1.75	9.93	81	66	75
Unit 3	1.75	4.96	80	66	80
Unit 4	0.00	0.00	0	0	0
Unit 5	3.65	21.24	168	122	160
Unit 6	3.52	21.46	163	131	140
Unit 7	0.00	0.00	0	0	0
	12.42	67.49			535
Bhusawal					
Unit 1	0.84	4.64	45	22	45
Unit 2	3.77	16.37	190	135	175
Unit 3	3.84	23.55	185	145	185
	8.45	44.55			405
Parli					
Unit 1	0.19	2.05	22	0	0
Unit 2	0.50	2.98	22	17	19
Unit 3	3.25	21.48	152	97	172
Unit 4	3.78	22.22	178	143	175
Unit 5	2.61	18.56	120	92	150
Unit 6	2.30	21.99	166	0	0
Unit 7	2.97	23.83	174	73	180
	15.60	113.12			696
Chandrapur					
Unit 1	3.44	21.32	170	112	130
Unit 2	3.60	18.60	174	117	120
Unit 3	3.39	21.02	169	109	170
Unit 4	3.56	21.89	170	130	160
Unit 5	8.38	52.42	425	290	400
Unit 6	8.26	40.81	420	255	400
Unit 7	7.81	52.85	382	262	420
	38.45	228.90			1800
Paras					
Unit 2	0.50	3.82	23	18	20
Unit 3	3.91	18.72	184	144	180
Unit 4	4.28	25.38	210	153	200
	8.69	47.92			400
Khaparkheda					
Unit 1	4.76	27.94	210	170	200
Unit 2	0.00	17.39	0	0	0
Unit 3	4.57	24.69	202	165	170
Unit 4	4.11	24.74	176	157	170
	13.44	94.75			540
Nasik					
Unit 1	1.91	11.81	92	70	76
Unit 2	1.95	7.27	91	56	76
Unit 3	4.18	26.76	205	160	182
Unit 4	0.00	0.00	0	0	0
Unit 5	4.08	25.93	191	154	172
	12.11	71.77			506
Koyna					
Stage 1-2	1.45	11.72	275	35	600
Stage 4	0.00	0.82	0	0	250
Stage 3	0.64	3.23	290	0	320
	2.09	15.76			1170
Kovna 12&4 Total	1.45	12.53			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.65	93.36	665	636	630
		15.65	93.36			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.36	2.51	60	0	60
BHTGR/VEER		0.02	0.18	1	0	5
BHIRA T.R.		0.13	1.09	79	0	80
RNGR+BHTSA		0.31	2.10	15	0	12
BHANDARDRA		0.00	0.03	0	0	0
ELDARY		0.00	0.54	0	0	0
SMLHY PTN		0.22	0.67	19	1	10
GHATGHAR		0.59	6.32	125	0	0
		1.64	13.44			167
PENCH (MS)						
Pench (MS)		0.23	2.07	53	0	
		0.23	2.07			
Wind						
MalharPeth		0.05	1.51			
Vankuswadi		0.18	4.52			
ATIT		0.02	0.66			
Kale		0.06	1.57			
Satara		0.02	3.79			
Shirala		0.06	1.60			
K Mahankal		0.14	2.79			
Supa		0.04	0.58			
Vita		0.22	6.25			
Dondaicha		0.16	3.34			
Sakri		0.02	0.64			
Nandurbar		0.03	0.40			
Khandke		0.15	2.79			
Khaparale		0.07	1.59			
		1.21	32.03			
CPP						
TOTAL CPP		7.46	48.89			
		7.46	48.89			
Dabhol						
RGPPL		35.17	214.83	1561	1417	1558
		35.17	214.83			1558
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.82	65.54	490	400	500
Trombay 6		3.96	32.72	230	150	500
Trombay 7A		2.91	17.42	124	119	120
Trombay 7B		1.62	9.73	68	67	60
Trombay 8		5.41	32.58	250	150	250
TATA Hydro		1.59	19.20	269	0	447
		26.32	177.20			1877
REL						
1&2		12.61	75.60	529	515	500
		12.61	75.60			500
Cent Sect						
Share						3562
						3562
MS PG CL	Thermal	109.17	668.51			4882
	Thml+Gas	124.82	761.87			5512
	Hydro	3.73	29.20			1337
	Total	128.55	791.07			6849
State Total		211.54	1341.69			14346

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	4559	62	660	5281	1494	31	319	2994	1799	-407	-390	8559	0	8559	1893	10452	50.14
2	4387	57	658	5102	1480	42	302	2701	1590	-338	-294	8247	0	8247	1757	10004	50.10
3	4388	57	663	5108	1480	53	337	2333	1680	-245	-195	8463	0	8463	1665	10128	50.11
4	4206	62	661	4929	1467	72	337	2269	1792	-175	-132	8465	0	8465	1593	10058	50.10
5	4216	52	660	4928	1459	58	336	2276	1969	-175	-129	8621	0	8621	1570	10191	49.96
6	4475	72	658	5205	1456	70	325	2501	2110	-175	-138	9028	0	9028	1607	10635	49.95
7	4717	62	660	5439	1461	73	335	2718	2137	-175	-141	9304	0	9304	1674	10978	50.15
8	4703	62	662	5427	1459	51	319	2694	2441	-151	-115	9582	0	9582	1632	11214	50.23
9	4577	66	650	5293	1456	32	317	2718	2589	-173	-138	9549	0	9549	1734	11283	50.14
10	4681	131	653	5465	1455	37	316	2975	2561	-295	-267	9567	0	9567	1941	11508	50.11
11	4574	134	640	5348	1454	47	316	3275	2718	-295	-268	9615	0	9615	2035	11650	50.13
12	4466	154	641	5261	1455	53	318	3140	2699	-295	-283	9503	0	9503	2053	11556	50.14
13	4521	75	642	5238	1447	45	325	3187	2939	-342	-314	9680	0	9680	2062	11742	49.99
14	4489	64	636	5189	1450	47	313	3187	2962	-342	-320	9641	0	9641	2035	11676	50.28
15	4495	69	640	5204	1433	35	323	3164	3242	-342	-320	9917	0	9917	1984	11901	50.31
16	4527	64	639	5230	1417	21	302	3069	3081	-342	-306	9745	0	9745	1974	11719	50.18
17	4460	69	645	5174	1429	16	307	2922	3082	-342	-309	9699	0	9699	1929	11628	50.18
18	4637	373	642	5652	1433	18	307	2898	3070	-342	-324	10156	0	10156	1891	12047	50.00
19	4731	743	650	6124	1552	59	304	3436	3610	-459	-463	11213	0	11213	2187	13400	50.02
20	4671	643	654	5968	1560	63	298	3615	3642	-555	-520	11038	0	11038	2328	13366	50.10
21	4773	369	652	5794	1561	71	287	3719	3620	-555	-541	10819	0	10819	2400	13219	50.05
22	4670	186	656	5512	1439	56	275	3682	3434	-531	-518	10218	0	10218	2209	12427	50.08
23	4687	51	663	5401	1436	83	267	3156	3015	-507	-493	9762	0	9762	2087	11849	50.04
24	4557	54	665	5276	1437	80	270	2861	2317	-474	-469	8937	0	8937	2073	11010	50.12
MUs	109.17	3.73	15.65	128.55	35.17	1.21	7.46	71.49	64.10	-8.03	-7.39	229.33	0.00	229.33	46.31	275.64	50.11

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 06/Nov/2010

Position as on 6.30 Hrs of 07/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
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Annual Overhaul.	08/11/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	11/11/2010
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel refulling.	12/11/2010
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
Parli Unit 1	30	04/11/2010	14.02	06/11/2010	15.05	Boiler Tube Leakage.	
Khaparkheda Unit 2	210	04/11/2010	22.23		Continued.	Boiler Tube Leakage.	08/11/2010
Parli Unit 6	250	06/11/2010	03.23	06/11/2010	11.00	M.S.Temp.Low	
Paras Unit 3	250	07/11/2010	06.27		Continued.	Low Drum Level.	
Nasik Unit 2	125	07/11/2010	07.50		Continued.	Boiler Tube Leakage.	
REL 1	250	07/11/2010	10.01		Continued.	Boiler Tube Leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2010

Position as on 6.30 Hrs of 07/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	08/10/2010	17.55		Continued.	Normal Changeover.
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Kolhapur-Mapusa-II	01/11/2010	22.45		Continued.	Over Voltage.
Dhule - S'Sarovar- II	02/11/2010	23.19	06/11/2010	18.10	Over Voltage.
Dhule-Sar'Sarovar - I	06/11/2010	00.02	06/11/2010	08.53	Over Voltage
Dhule-Sar'Sarovar - I	06/11/2010	22.11		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Boisar (PGCIL)	21/10/2010	13.24		Continued.	Hand Tripped at padgha end (To Transfer Load to PGCIL)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrpur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
400/220KV,315MVA ICT-I at Karad	07/11/2010	20.06		Continued.	To Attend Red Hot on H V Side Neutral C T Clamp.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT-IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.(Expected on 30.10.2010)
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.
Chandrapur-Gadchandur	06/11/2010	10.33	06/11/2010	13.13	To Attend Hot Spot on 20A Isolator.(Ckt on TBC)
Kalwa - Salshet - III	06/11/2010	11.46	06/11/2010	13.16	Hot Spot on B Ph Breaker Clamp.(Line on TBC)
Chinchwad - Parvati	06/11/2010	13.04	06/11/2010	14.25	Replacement of R Ph Suspension String @ Loc. No.51.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	03/11/2010	22.49	06/11/2010	11.00	Over Voltage.
Bhusawal- Aurangabad	05/11/2010	23.56	06/11/2010	05.39	Over Voltage
Bhusawal- Aurangabad	07/11/2010	00.23	07/11/2010	06.13	Over Voltage.
Bhusawal- Aurangabad	07/11/2010	21.26		Continued.	Over Voltage.
Karad-Lamboti	07/11/2010	23.25		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Tata Borivali 4	19/10/2010	16.41		Continued.	To control ICT Kalwa loading.
Pusad-Parbhani	06/11/2010	10.07	06/11/2010	14.58	To Control C'pur-WRR Loading.
Babaleshwar - Chalisgaon	06/11/2010	15.36	06/11/2010	21.04	To Control Dhule ICT Loading.
220/132 KV 200 MVA ICT - V @ Nasik (OCR) New	07/11/2010	21.50		Continued.	L V Side Control Ckt Problem.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchholz..
400/220 KV 600 MVA ICT-	19/10/2010	16.15		Continued.	Fire in 200 MVA ICT.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2010

Position as on 6.30 Hrs of 07/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
I @ Kalwa					
Padgha - Babaleshwar - II	05/11/2010	14.04		Continued.	Over Voltage
Padgha - Nagothane- II	05/11/2010	15.45	06/11/2010	10.57	Distance Protection.
New Koyna - Koyna Stage IV - II	05/11/2010	23.25		Continued.	Over Voltage
Jejuri-Koyna STG-IV	06/11/2010	00.11	06/11/2010	12.04	Over Voltage
Dabhol-Nagothane-II	06/11/2010	00.11	06/11/2010	09.05	Distance Protection
Karad - Kolhapur - I	06/11/2010	00.11		Continued.	Over Voltage
Dabhol-Nagothane - II	06/11/2010	11.59	06/11/2010	17.57	Over Voltage.
Karad - Kolhapur - II	07/11/2010	00.23	07/11/2010	12.12	Over Voltage.
Karad - Kolhapur - II	07/11/2010	23.25		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100KV 200MVA T/F-II @APTA	15/08/2010	21.10		Continued.	Diff.Prot.CTR system operated.
NewKoyna - Pawas	05/11/2010	18.36	06/11/2010	12.16	Distance Protection
Mahad-Nagothane	06/11/2010	13.24	06/11/2010	16.47	Distance Protection R Ph to Earth.
Kalwa - Borivali	07/11/2010	09.58	07/11/2010	11.42	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Ambazari - Amravati	06/11/2010	00.26	06/11/2010	13.55	Distance Protection. R Ph.
Voltage Level : 110KV			Outage Type TRIPPED		
Ratnagiri - Pedambe	06/11/2010	14.45	07/11/2010	14.10	Distance Protection Conductor Snapped @ Loc.204.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	66
Unit 2	105	56
Unit 3	105	59
Unit 4	105	0
Unit 5	200	119
Unit 6	210	138
Unit 7	210	0
	1040	438
Bhusawal		
Unit 1	58	22
Unit 2	210	180
Unit 3	210	184
	478	386
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	142
Unit 4	210	175
Unit 5	210	150
Unit 6	250	150
Unit 7	250	180
	1190	837
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	160
Unit 4	210	160
Unit 5	500	400
Unit 6	500	400
Unit 7	500	375
	2340	1805
Paras		
Unit 2	55	20
Unit 3	250	180
Unit 4	250	202
	555	402
Khaparkheda		
Unit 1	210	205
Unit 2	210	0
Unit 3	210	190
Unit 4	210	155
	840	550
Nasik		
Unit 1	120	76
Unit 2	120	76
Unit 3	210	182
Unit 4	210	0
Unit 5	210	172
	870	506
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	167
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	1577
	960	1577
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	65
Trombay 8	250	250
TATA Hydro	444	447
	2024	1882
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3495
	3143	3495

	17376	7 of 7	14345
--	--------------	--------	--------------