



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Nov/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.692	1862.804	1) Madhya Pradesh	52.065	960.369
2) Hydro	3.784	69.872	2) Gujrat	17.729	285.161
3) Gas	15.186	258.175	3) Goa	-6.579	-100.896
Total MSGENCO	143.662	2190.851	4) TAPS 1&2 (Inj.)	3.964	67.161
B) OTHERS			5) Pench (Excess)	-0.167	-5.877
1) RGPPL Gas	34.858	606.803	# Total Cent. Sector	67.012	1205.918
2) Wind Generation	3.952	84.620	F) Other Exchanges		
3) CPP / IPP	9.509	141.814	1) With TPCL (Excess)	-11.812	-178.528
4) PENCH (MS)	0.167	5.877	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.360	97.118
1) TPCL Thermal	24.550	438.432	Include PX	0.000	0.000
2) TPCL Hydro	2.304	52.457	2) MUMBAI Bilateral	12.337	194.378
TOTAL TPCL	26.854	490.889	Include PX	5.213	77.127
3) REL Thermal	12.571	200.412	3) MUMBAI Schedule	12.337	194.378
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	161.813	2501.648	1) MSEDCL	247.348	4057.355
2) Hydro (A2+B3+C2)	6.255	128.206	2) TPCL	33.849	578.674
3) Gas (A3+B1)	50.044	864.978	3) REL	17.387	291.138
4) Wind (B2)	3.952	84.620	TOTAL STATE	298.584	4927.167
5) CPP (B3)	9.509	141.814			
TOTAL STATE	231.573	3721.266			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5228	5450	4754
MSGENCO Hydro	156	770	87
MSGENCO Gas	639	631	615
MSGENCO Total Generation	6023	6851	5456
Central Sector Receipt	2843	3506	1903
RGPPL	1436	1529	1446
WIND	342	140	111
CPP / IPP	394	433	384
Exchange with Mumbai	-557	-657	-218
MSEDCL DEMAND MET	10481	11835	9082
Load Shedding	112	112	0
MSEDCL DEMAND (INCL. LS)	10593	11947	9082
TPCL GENERATION	1343	1354	825
REL GENERATION	526	521	524
TPCL+REL DEMAND	2426	2532	1567
STATE DEMAND MET	12907	14367	10649
STATE DEMAND (INCL. LS)	13019	14479	10649
Frequency (Hz)	49.96	50.01	50.19
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			476 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2.10 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.59 Hz at 23.37 Hrs	49.57 Hz at 20.02 Hrs	50.07	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 17/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.52	25.95	68	58	65
Unit 2	1.59	26.55	74	58	60
Unit 3	1.57	20.80	73	60	65
Unit 4	1.42	3.67	67	50	55
Unit 5	3.59	56.83	171	130	155
Unit 6	3.49	58.55	169	125	135
Unit 7	3.50	32.72	175	125	130
	16.67	225.07			665
Bhusawal					
Unit 1	0.24	7.24	37	0	25
Unit 2	3.36	36.18	155	110	150
Unit 3	4.20	67.58	190	150	180
	7.81	111.00			355
Parli					
Unit 1	0.53	7.93	24	15	20
Unit 2	0.50	8.51	22	19	20
Unit 3	3.66	49.75	178	132	170
Unit 4	3.90	64.43	177	146	175
Unit 5	2.71	51.05	137	89	140
Unit 6	2.83	63.79	182	0	180
Unit 7	5.00	71.43	254	150	200
	19.13	316.88			905
Chandrapur					
Unit 1	3.61	58.70	165	130	160
Unit 2	3.68	56.20	162	126	150
Unit 3	3.59	48.10	173	136	140
Unit 4	4.26	66.10	195	149	180
Unit 5	8.50	134.02	435	310	425
Unit 6	8.26	122.14	424	265	400
Unit 7	8.20	135.90	416	285	400
	40.10	621.16			1855
Paras					
Unit 2	0.00	9.87	0	0	0
Unit 3	4.55	45.78	211	150	200
Unit 4	4.42	76.60	212	145	200
	8.97	132.25			400
Khaparkheda					
Unit 1	4.79	78.08	215	175	175
Unit 2	4.48	31.98	210	155	205
Unit 3	4.45	73.28	200	172	170
Unit 4	3.84	68.81	173	145	155
	17.56	252.15			705
Nasik					
Unit 1	2.00	33.69	93	70	81
Unit 2	2.08	23.80	95	70	81
Unit 3	4.50	74.22	205	160	182
Unit 4	1.77	1.86	151	14	50
Unit 5	4.10	70.71	195	145	172
	14.45	204.29			566
Koyna					
Stage 1-2	1.28	25.78	175	35	600
Stage 4	0.00	2.91	0	0	250
Stage 3	0.30	7.07	152	0	320
	1.59	35.76			1170
Kovna 12&4 Total	1.28	28.70			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.19	258.18	656	609	630
		15.19	258.18			630
Hydro						
KDPH		0.00	0.87	0	0	20
VTRNA		0.00	0.00	0	0	0
TILLARI		0.39	6.91	60	0	60
BHTGR/VEER		0.11	0.84	5	4	5
BHIRA T.R.		0.22	3.40	78	0	80
RNGR+BHTSA		0.34	5.98	15	14	16
BHANDARDRA		0.00	0.03	0	0	0
ELDARY		0.36	1.36	15	14	0
SMLHY PTN		0.29	3.60	21	9	0
GHATGHAR		0.49	11.12	250	0	0
		2.20	34.11			181
PENCH (MS)						
Pench (MS)		0.17	5.88	53	0	
		0.17	5.88			
Wind						
MalharPeth		0.24	3.34			
Vankuswadi		0.61	9.90			
ATIT		0.07	1.49			
Kale		0.26	3.57			
Satara		0.75	10.64			
Shirala		0.24	3.71			
K Mahankal		0.03	4.61			
Supa		0.07	1.83			
Vita		1.03	15.80			
Dondaicha		0.43	14.05			
Sakri		0.07	2.59			
Nandurbar		0.04	1.44			
Khandke		0.00	7.04			
Khaparale		0.15	4.62			
		3.95	84.62			
CPP						
TOTAL CPP		9.51	141.81			
		9.51	141.81			
Dabhol						
RGPPL		34.86	606.80	1533	1432	1560
		34.86	606.80			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.01	184.54	490	330	500
Trombay 6		3.92	88.24	200	150	500
Trombay 7A		2.88	48.82	125	115	120
Trombay 7B		1.60	27.26	68	66	60
Trombay 8		5.13	89.57	250	150	250
TATA Hydro		2.30	52.46	293	0	447
		26.85	490.89			1877
REL						
1&2		12.57	200.41	527	518	500
		12.57	200.41			500
Cent Sect						
Share						3409
						3409
MS PG CL	Thermal	124.69	1862.80			5451
	Thml+Gas	139.88	2120.98			6081
	Hydro	3.78	69.87			1351
	Total	143.66	2190.85			7432
State Total		231.57	3721.27			14778

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Nov/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum. SCH.	Mum. NET EXCH	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	5330	87	619	6036	1444	50	386	2453	1861	-426	-395	9382	0	9382	1893	11275	49.99
2	4927	82	618	5627	1446	72	383	2320	1827	-333	-292	9063	0	9063	1747	10810	50.15
3	4731	92	617	5440	1447	114	386	2272	2057	-288	-263	9181	0	9181	1612	10793	50.22
4	4754	87	615	5456	1446	111	384	2225	1903	-240	-218	9082	0	9082	1567	10649	50.19
5	4787	82	609	5478	1445	113	382	2326	2068	-217	-188	9298	0	9298	1557	10855	50.10
6	5109	92	610	5811	1443	157	382	2663	2339	-217	-204	9928	0	9928	1595	11523	50.02
7	5498	91	656	6245	1444	209	385	2715	2128	-264	-251	10160	112	10272	1700	11972	50.03
8	5484	81	656	6221	1444	226	391	2786	2269	-333	-319	10232	112	10344	1772	12116	50.03
9	5349	118	645	6112	1440	271	392	2853	2706	-402	-384	10537	112	10649	1978	12627	50.01
10	5168	160	639	5967	1437	299	391	3060	2862	-477	-464	10492	112	10604	2215	12819	49.87
11	5228	156	639	6023	1436	342	394	3350	2843	-573	-557	10481	112	10593	2426	13019	49.96
12	5216	179	634	6029	1433	299	388	3451	2771	-620	-577	10343	112	10455	2467	12922	49.93
13	5206	125	634	5965	1435	223	390	3545	3028	-715	-690	10351	112	10463	2472	12935	49.93
14	5268	93	623	5984	1438	177	381	3520	3184	-692	-675	10489	112	10601	2419	13020	50.14
15	5230	93	630	5953	1434	145	390	3471	3220	-692	-676	10466	112	10578	2437	13015	50.19
16	5222	83	628	5933	1432	134	392	3196	3271	-687	-663	10499	112	10611	2435	13046	50.23
17	5301	94	632	6027	1432	115	389	3121	3307	-663	-639	10631	112	10743	2416	13159	50.05
18	5415	276	634	6325	1458	149	396	3200	3270	-640	-614	10987	112	11099	2379	13478	50.04
19	5450	770	631	6851	1529	140	433	3277	3506	-663	-657	11835	112	11947	2532	14479	50.01
20	5463	449	637	6549	1533	131	452	3457	3807	-711	-664	11838	112	11950	2528	14478	50.07
21	5460	195	638	6293	1532	115	461	3409	3541	-663	-651	11344	112	11456	2435	13891	49.95
22	5274	123	638	6035	1442	113	401	3362	3353	-616	-602	10790	112	10902	2307	13209	50.07
23	4971	93	649	5713	1441	122	389	3232	3339	-663	-648	10356	0	10356	2240	12596	50.16
24	4851	83	655	5589	1447	125	391	2747	2552	-540	-521	9583	0	9583	2108	11691	50.36
MUs	124.69	3.78	15.19	143.66	34.86	3.95	9.51	72.01	67.01	-12.34	-11.81	247.35	1.79	249.14	51.24	300.38	50.07

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 17/Nov/2010

Position as on 6.30 Hrs of 18/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
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel Refuelling.	18/11/2010
Uran Unit 5	108	18/11/2010	01.23		Continued.	Maintenance work	22/11/2010
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 salidity expired.	18/11/2010
Parli Unit 6	250	17/11/2010	08.40	17/11/2010	12.52	Furnace pressure high.	
Bhusawal Unit 1	58	17/11/2010	12.45	18/11/2010	00.15	To attend fisher valve problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2010

Position as on 6.30 Hrs of 18/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		
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Kolhapur - Mapusa - I	11/11/2010	22.30		Continued.	Over Voltage.
Akola - Wardha - I	11/11/2010	23.47		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	14/11/2010	23.41	17/11/2010	09.16	Over Voltage
Dhule-Sar'Sarovar - I	17/11/2010	01.55		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	17/11/2010	23.04		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Nasik-Navsari-I	15/11/2010	15:20	17/11/2010	22.37	Due to outage on 220 KV Kawas-Navsare I and II.
Nasik - Navsari - II	15/11/2010	15:31	17/11/2010	23.06	Due to outage on 220 KV Kawas-Navsare-I and II.
Tillari-Amona-II	16/11/2010	12.43		Continued.	To attend breakdown.
Voltage Level : 220KV			Outage Type TRIPPED		
Mudsungi-Amona	14/11/2010	14.27		Continued.	Dist.Prot.R Ph - E142.5KM FROM Mudsungi.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
Parli - Chandrapur - III	14/11/2010	10.26		Continued.	Breaker Maintenance,Line on TBC.
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 30.11.2010)
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.
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)
Jejuri - Baramati	15/11/2010	11:10	17/11/2010	16.01	Taken on own CB.
Nagothane-IPCL	16/11/2010	11.48	17/11/2010	19.07	C.B.overhauling work.
Warora - Wardha Power - II	17/11/2010	07.00	17/11/2010	22.05	Replacement of CT
Kalwa-Mulund-I	17/11/2010	09.15	17/11/2010	18.58	Commissioning of back up relay.
220/132 KV 50 MVA ICT @ Gadchiroli	17/11/2010	10.23	17/11/2010	16.50	Q.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pusad-Jambazar	17/11/2010	11.02	17/11/2010	17.58	Replacement of disc insulator string.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Wadkhal-IPCL I	17/11/2010	12.20	17/11/2010	18.27	Hot spot on isolator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2010

Position as on 6.30 Hrs of 18/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Karad - Kolhapur - II	15/11/2010	23:07	17/11/2010	17.43	For Over Voltage.
Karad - Kolhapur - I	17/11/2010	21.46		Continued.	Over Voltage
Bhusawal- Aurangabad	17/11/2010	23.35	18/11/2010	05.56	Over Voltage
Karad-Lamboti	17/11/2010	23.54		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.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchholz..
Karad-Kolhapur-II	17/11/2010	23.35		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. NEW 200 MVA T/F Errection in progress.
New Koyna-Pedambe-II	17/11/2010	10.45	17/11/2010	11.16	Trip from New Koyna end.
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 18/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	65
Unit 3	105	70
Unit 4	105	60
Unit 5	200	140
Unit 6	210	150
Unit 7	210	150
	1040	700
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	185
	478	390
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	172
Unit 4	210	170
Unit 5	210	130
Unit 6	250	160
Unit 7	250	200
	1190	872
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	180
Unit 4	210	190
Unit 5	500	425
Unit 6	500	400
Unit 7	500	450
	2340	1955
Paras		
Unit 2	55	0
Unit 3	250	200
Unit 4	250	200
	555	400
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	200
Unit 4	210	180
	840	800
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	100
Unit 5	210	170
	870	630
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	475

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	475
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	170
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	1560
	960	1560
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3436
	3143	3436