



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Nov/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.754	114.754	1) Madhya Pradesh	56.903	56.903
2) Hydro	4.486	4.486	2) Gujrat	17.858	17.858
3) Gas	15.530	15.530	3) Goa	-6.406	-6.406
Total MSGENCO	134.770	134.770	4) TAPS 1&2 (Inj.)	3.800	3.800
B) OTHERS			5) Pench (Excess)	-0.159	-0.159
1) RGPPL Gas	35.107	35.107	# Total Cent. Sector	71.996	71.996
2) Wind Generation	12.572	12.572	F) Other Exchanges		
3) CPP / IPP	9.756	9.756	1) With TPCL (Excess)	-10.472	-10.472
4) PENCH (MS)	0.159	0.159	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	7.195	7.195
1) TPCL Thermal	26.348	26.348	Include PX	0.000	0.000
2) TPCL Hydro	4.014	4.014	2) MUMBAI Bilateral	12.008	12.008
TOTAL TPCL	30.362	30.362	Include PX	4.584	4.584
3) REL Thermal	12.588	12.588	3) MUMBAI Schedule	12.008	12.008
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	153.690	153.690	1) MSEDCL	253.888	253.888
2) Hydro (A2+B3+C2)	8.659	8.659	2) TPCL	35.598	35.598
3) Gas (A3+B1)	50.637	50.637	3) REL	17.823	17.823
4) Wind (B2)	12.572	12.572	TOTAL STATE	307.309	307.309
5) CPP (B3)	9.756	9.756			
TOTAL STATE	235.314	235.314			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4865	4882	4396
MSGENCO Hydro	319	381	79
MSGENCO Gas	642	642	662
MSGENCO Total Generation	5826	5905	5137
Central Sector Receipt	3033	3734	2270
RGPPL	1540	1538	1364
WIND	671	429	574
CPP / IPP	445	189	450
Exchange with TPCL	-573	-580	-276
MSEDCL DEMAND MET	10942	11242	9519
Load Shedding	1591	3567	0
MSEDCL DEMAND (INCL. LS)	12533	14809	9519
TPCL GENERATION	1661	1604	924
REL GENERATION	525	521	526
TPCL+REL DEMAND	2759	2705	1726
STATE DEMAND MET	13701	13947	11245
STATE DEMAND (INCL. LS)	15292	17514	11245
Frequency (Hz)	50.06	49.98	50.22
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3939 MW AT 19.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			30.04 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.41 Hz at 03.10 Hrs	49.6 Hz at 17.25 Hrs	50.03	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 01/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.64	1.64	75	57	70
Unit 2	1.64	1.64	81	56	70
Unit 3	1.58	1.58	74	59	70
Unit 4	0.00	0.00	0	0	0
Unit 5	3.66	3.66	170	130	130
Unit 6	3.57	3.57	157	134	140
Unit 7	0.00	0.00	0	0	0
	12.09	12.09			480
Bhusawal					
Unit 1	0.75	0.75	50	14	45
Unit 2	0.00	0.00	0	0	0
Unit 3	3.28	3.28	155	115	160
	4.02	4.02			205
Parli					
Unit 1	0.55	0.55	24	21	19
Unit 2	0.51	0.51	22	20	19
Unit 3	4.14	4.14	186	152	172
Unit 4	3.65	3.65	163	129	155
Unit 5	3.51	3.51	158	132	160
Unit 6	3.99	3.99	205	133	160
Unit 7	3.81	3.81	228	77	180
	20.16	20.16			865
Chandrapur					
Unit 1	3.49	3.49	165	125	140
Unit 2	0.73	0.73	89	0	0
Unit 3	3.54	3.54	161	138	150
Unit 4	3.61	3.61	195	115	170
Unit 5	9.02	9.02	420	300	350
Unit 6	9.17	9.17	440	305	400
Unit 7	9.06	9.06	460	290	420
	38.63	38.63			1630
Paras					
Unit 2	0.77	0.77	41	17	40
Unit 3	3.15	3.15	202	93	175
Unit 4	4.53	4.53	255	148	200
	8.46	8.46			415
Khaparkheda					
Unit 1	4.92	4.92	215	190	210
Unit 2	4.63	4.63	203	162	200
Unit 3	4.74	4.74	200	180	195
Unit 4	4.20	4.20	178	167	170
	18.49	18.49			775
Nasik					
Unit 1	2.15	2.15	98	82	93
Unit 2	1.66	1.66	96	0	95
Unit 3	4.62	4.62	210	165	200
Unit 4			0	0	0
Unit 5	4.46	4.46	205	163	200
	12.89	12.89			588
Koyna					
Stage 1-2	1.12	1.12	110	35	600
Stage 4	0.00	0.00	0	0	0
Stage 3	0.40	0.40	214	0	320
	1.52	1.52			920
Kovna 12&4 Total	1.12	1.12			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.53	15.53	668	591	630
		15.53	15.53			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.60	0.60	60	0	60
BHTGR/VEER		0.00	0.00	0	0	2
BHIRA T.R.		0.17	0.17	68	0	41
RNGR+BHTSA		0.34	0.34	15	14	15
BHANDARDRA		0.03	0.03	22	0	0
ELDARY		0.35	0.35	16	13	15
SMLHY PTN		0.08	0.08	11	0	10
GHATGHAR		1.40	1.40	209	0	0
		2.96	2.96			143
PENCH (MS)						
Pench (MS)		0.16	0.16	43	0	
		0.16	0.16			
Wind						
MalharPeth		0.53	0.53			
Vankuswadi		1.56	1.56			
ATIT		0.29	0.29			
Kale		0.71	0.71			
Satara		0.49	0.49			
Shirala		0.74	0.74			
K Mahankal		2.43	2.43			
Supa		0.21	0.21			
Vita		3.28	3.28			
Dondaicha		0.65	0.65			
Sakri		0.11	0.11			
Nandurbar		0.10	0.10			
Khandke		1.10	1.10			
Khaparale		0.37	0.37			
		12.57	12.57			
CPP						
TOTAL CPP		9.76	9.76			
		9.76	9.76			
Dabhol						
RGPPL		35.11	35.11	1558	1362	1560
		35.11	35.11			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.70	10.70	490	325	500
Trombay 6		5.65	5.65	420	150	500
Trombay 7A		2.90	2.90	124	119	120
Trombay 7B		1.62	1.62	68	67	60
Trombay 8		5.48	5.48	253	160	250
TATA Hydro		4.01	4.01	452	0	447
		30.36	30.36			1877
REL						
1&2		12.59	12.59	527	521	500
		12.59	12.59			500
Cent Sect						
Share						3670
						3670
MS PG CL	Thermal	114.75	114.75			4958
	Thml+Gas	130.28	130.28			5588
	Hydro	4.49	4.49			1063
	Total	134.77	134.77			6651
State Total		235.31	235.31			14258

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	4516	64	651	5231	1406	585	455	2811	2346	-411	-365	9658	0	9658	1839	11497	50.19
2	4396	79	662	5137	1364	574	450	2704	2270	-342	-276	9519	0	9519	1726	11245	50.22
3	4350	69	664	5083	1362	573	438	2477	2486	-273	-209	9733	0	9733	1596	11329	50.15
4	4405	74	666	5145	1362	591	439	2429	2519	-225	-164	9892	0	9892	1514	11406	50.21
5	4407	68	659	5134	1363	598	438	2487	2802	-201	-143	10192	0	10192	1494	11686	50.09
6	4650	67	663	5380	1378	567	447	2834	2718	-201	-134	10356	342	10698	1569	12267	49.93
7	4879	73	665	5617	1378	545	450	3087	2679	-273	-208	10461	1001	11462	1672	13134	49.91
8	4978	73	668	5719	1424	526	448	3135	2869	-318	-260	10726	1285	12011	1748	13759	49.97
9	4921	78	662	5661	1558	487	446	3206	2987	-387	-328	10811	1195	12006	2010	14016	49.94
10	5014	139	653	5806	1550	520	451	3471	3346	-509	-450	11223	1347	12570	2395	14965	49.94
11	4901	169	646	5716	1542	591	445	3535	2939	-608	-547	10686	1632	12318	2677	14995	49.99
12	4865	319	642	5826	1540	671	445	3444	3033	-631	-573	10942	1591	12533	2759	15292	50.06
13	4824	240	630	5694	1471	675	446	3444	3141	-631	-571	10856	1607	12463	2712	15175	49.89
14	4867	235	641	5743	1505	590	447	3447	3157	-631	-593	10849	1606	12455	2650	15105	50.13
15	4854	234	600	5688	1474	541	445	3460	3546	-658	-619	11075	1651	12726	2689	15415	50.09
16	4850	249	591	5690	1463	455	445	3449	3627	-653	-620	11060	1778	12838	2687	15525	49.81
17	4774	157	627	5558	1465	416	446	3402	3504	-603	-573	10816	1863	12679	2680	15359	49.90
18	4794	180	635	5609	1493	408	187	3375	3892	-603	-568	11048	2473	13521	2628	16149	49.90
19	4882	381	642	5905	1538	429	189	3362	3734	-651	-580	11242	3567	14809	2705	17514	49.98
20	4979	610	650	6239	1546	484	221	3429	3072	-699	-458	11147	3572	14719	2669	17388	50.11
21	5077	378	650	6105	1551	449	394	3407	2879	-675	-534	10886	2100	12986	2491	15477	50.03
22	5022	213	654	5889	1493	460	381	3389	2945	-651	-604	10580	1830	12410	2314	14724	50.11
23	4897	200	654	5751	1476	425	393	3352	2796	-627	-591	10254	1475	11729	2165	13894	50.09
24	4652	137	655	5444	1405	410	410	3177	2708	-549	-504	9873	1420	11293	2033	13326	50.19
MUs	114.75	4.49	15.53	134.77	35.11	12.57	9.76	76.31	72.00	-12.01	-10.47	253.88	33.34	287.22	53.42	340.64	50.03

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 01/Nov/2010

Position as on 6.30 Hrs of 02/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 1	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 4	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
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.	05/11/2010
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 refuelling.	12/11/2010
Cent_Sect NTPC(V-5)	210	27/10/2010	00.08		Continued.	Boiler Re certification.	03/11/2010
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
Koradi Unit 7	210	28/10/2010	13.32		Continued.	Furnace Pressure High./Suspected BTL	03/11/2010
Bhusawal Unit 2	210	30/10/2010	21.10		Continued.	Boiler Tube Leakage.	02/11/2010
CPP JSW_JAIGAD	300	01/11/2010	17.01	01/11/2010	18.56	Internal fault.	
Nasik Unit 2	125	01/11/2010	23.00		Continued.	FD Fan problem.	03/11/2010

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Nov/2010

Position as on 6.30 Hrs of 02/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.
Dhule - S'Sarovar- II	26/10/2010	13.58		Continued.	Over Voltage.
Kolhapur - Mapusa - I	27/10/2010	22.55	01/11/2010	10.02	Over Voltage.
Dhule-Sar'Sarovar - I	28/10/2010	23.06		Continued.	Over Voltage.
Kolhapur-Mapusa-II	01/11/2010	22.45		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.
Main Bus - II @ Koyna Stg - IV	26/09/2010	10.45		Continued.	Maintenance Work.(Expected on 30.10.2010)
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-II @ BBLSR	02/11/2010	00.05	02/11/2010	05.10	For topping of oil in 'Y'Ph. unit.
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.
220/7 KV 35 MVA Station T/F - I @ Parly	21/10/2010	10.20		Continued.	Replacement of Aux.& Bus Side Isolator.
Main breaker of Chalisgaon-Malegaon Ckt.	27/10/2010	11.07		Continued.	Main breaker replacement(Ckt is on TBC)
220/132 KV 100 MVA ICT - II @ Nasik (OCR)	28/10/2010	13.45		Continued.	Tandelta H V & L V CT'S Testing.
Kharghar-Uran-I	29/10/2010	10:02		Continued.	Breaker problem, line on TBC.
220 KV Main Bus - I @ Chandrapur.	01/11/2010	08.14		Continued.	Measurement of tan delta and relay testing work.
Rly TSS - Kalmeshwar - I	01/11/2010	11.32	01/11/2010	16.36	Q.M.Work.
Hinganghat-Bhugaon	01/11/2010	12.25	01/11/2010	17.08	Replacement of WT.
Uran-Kharghar-II	01/11/2010	12.55		Continued.	Line on TBC,main breaker overhauling work.
Babhaleshwar-Nasik-II	01/11/2010	13.00		Continued.	Taken on TBC,isolator 29A and 29B main work.
Kalwa - Salshet - IV	01/11/2010	13.02	01/11/2010	15.39	Taken on TBC.To attend red hot.
Jejuri-Jejuri I	01/11/2010	13.17		Continued.	Line taken on TBC,main breaker overhauling work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Own Breaker of Padgha - Kharghar	30/10/2010	20.45		Continued.	To Attend Red Hot @ Padgha,Line on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Nov/2010

Position as on 6.30 Hrs of 02/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Karad - Kolhapur - II	14/10/2010	23.19		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.
Bhugaon-Wardha	23/10/2010	22.30		Continued.	To control Wardha-Warora line loading.
BBLSR-Chalisgaon	01/11/2010	13.28	01/11/2010	18.34	H/T at BBLSR end only to control Dhule ICT loading
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	05/10/2010	15.44		Continued.	ICT overlading at Kalwa.
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-I @ Kalwa	19/10/2010	16.15		Continued.	Fire in 200 MVA ICT.
Lonikand- Koyna Stage IV	01/11/2010	00.31	01/11/2010	07.44	Over Voltage.
Koyna Stg.IV--New Koyna-II	01/11/2010	23.57		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.
Warora - Wardha Power - II	30/10/2010	17.38		Continued.	R @ Y Ph C T Burst.
Voltage Level : 132KV			Outage Type TRIPPED		
Girwali - Gangakhed	01/11/2010	03.19	01/11/2010	03.42	Distance protection Zone-I Y Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	160
Unit 6	210	160
Unit 7	210	0
	1040	530
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	150
	478	175
Parli		
Unit 1	30	19
Unit 2	30	19
Unit 3	210	150
Unit 4	210	155
Unit 5	210	150
Unit 6	250	135
Unit 7	250	180
	1190	808
Chandrapur		
Unit 1	210	140
Unit 2	210	100
Unit 3	210	150
Unit 4	210	120
Unit 5	500	400
Unit 6	500	400
Unit 7	500	350
	2340	1660
Paras		
Unit 2	55	40
Unit 3	250	200
Unit 4	250	200
	555	440
Khaparkheda		
Unit 1	210	200
Unit 2	210	205
Unit 3	210	195
Unit 4	210	175
	840	775
Nasik		
Unit 1	120	100
Unit 2	120	0
Unit 3	210	200
Unit 4	210	0
Unit 5	210	200
	870	500
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
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	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	22
ELDARY	23	15
SMLHY PTN	12	10
GHATGHAR	250	0
	611	202
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	3338
	3143	3338

	17376	7 of 7 13915
--	--------------	---------------------