



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Dec/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 05/Dec/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.463	621.783	1) Madhya Pradesh	57.319	296.611
2) Hydro	5.264	47.034	2) Gujrat	12.889	60.976
3) Gas	15.600	77.511	3) Goa	-4.726	-29.376
Total MSGENCO	150.327	746.328	4) TAPS 1&2 (Inj.)	7.840	37.540
B) OTHERS			5) Pench (Excess)	-0.309	-1.497
1) RGPPL Gas	32.843	174.945	# Total Cent. Sector	73.013	364.254
2) Wind Generation	4.325	14.816	F) Other Exchanges		
3) CPP / IPP	10.356	35.827	1) With TPCL (Excess)	-12.606	-77.359
4) PENCH (MS)	0.309	1.497	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	-2.474	-12.369
1) TPCL Thermal	23.708	126.826	Include PX	0.000	0.000
2) TPCL Hydro	0.010	14.622	2) MUMBAI Bilateral	13.233	78.448
TOTAL TPCL	23.718	141.448	Include PX	5.252	36.580
3) REL Thermal	6.320	31.568	3) MUMBAI Schedule	13.233	78.448
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	159.491	780.177	1) MSEDCL	258.567	1260.308
2) Hydro (A2+B3+C2)	5.583	63.153	2) TPCL	29.182	173.130
3) Gas (A3+B1)	48.443	252.456	3) REL	13.461	76.820
4) Wind (B2)	4.325	14.816	TOTAL STATE	301.210	1510.258
5) CPP (B3)	10.356	35.827			
TOTAL STATE	228.198	1146.429			

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	5563	5358	5197
MSGENCO Hydro	350	461	100
MSGENCO Gas	629	640	664
MSGENCO Total Generation	6542	6459	5961
Central Sector Receipt	3070	3535	2425
RGPPL	1492	1503	1187
WIND	205	190	165
CPP / IPP	425	448	422
Exchange with Mumbai	-586	-682	-445
MSEDCL DEMAND MET	11175	11476	9715
Load Shedding	2966	3331	0
MSEDCL DEMAND (INCL. LS)	14141	14807	9715
TPCL GENERATION	1052	1123	944
REL GENERATION	263	263	264
TPCL+REL DEMAND	1901	2068	1653
STATE DEMAND MET	13076	13544	11368
STATE DEMAND (INCL. LS)	16042	16875	11368
Frequency (Hz)	49.83	50.04	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3725 MW AT 18.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			54.15 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.5 Hz at 23.42 Hrs	49.52 Hz at 08.29 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)
Water Coal And Oil Position For the date 05/Dec/2010

Koyna Lake Level In Feet			
Current Year	Rise (+) / Fall (-)	Previous year	Rise (+) / Fall (-) with ref to previous year
2161.90	-0.10	2154.70	7.20

Koyna Water Utilization for Water Year 2010-2011 As Per Krishna Awards param.constant(TMC)					Rainfall (In mm) As on 05/Dec/2010				
	In TMC				Lake	Current Year		Previous Year	
	Daily	Monthly	Yearly	Balance		For The Day	Total	For The Day	Total
Koyna I and II	0.055	0.425	13.085		Pophali	0	4532	0	3510
Koyna IV	0.008	0.301	4.696			0	4396	0	3679
Total	0.063	0.726	17.781	49.719	Novaja	0	4329	0	4431
Last Year			35.546	31.954	Mahabaleshwar	0	4329	0	4431

Coal And Oil Position for 05/Dec/2010						
Power Station	Coal			OIL		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
Bhusawal	3770.00	9824.00	9.00	3.00	0.00	0.00
Chandrapur	41764.08	42112.00	8.40	3.00	0.00	0.00
Khaparkheda	15507.06	15962.85	5.00	12.00	0.00	0.00
Koradi	15943.00	17518.00	11.95	17.60	0.00	0.00
Nasik	11638.00	6477.00	11.70	5.00	5.00	0.00
Paras	4159.80	8975.00	9.50	9.23	0.00	0.00
Parli	15568.65	16028.62	3.00	5.00	0.00	0.00
Total	108350.59	116897.47		54.83	5.00	0.00

Maximum During the MonthDec/2010		Koyna Water Utilization (in TMC)			
MSGENCO Thermal Gen.	129.463 Mus On Date 05/12/2010	During Gates Opened			
MSGENCO Hydro Gen.	13.199 Mus On Date 04/12/2010		Daily	Monthly	Yearly
MSGENCO Total Gen.	152.441 Mus On Date 04/12/2010	Koyna I & II	0.000	0.000	0
MSDISCOM Requirement	258.567 Mus On Date 05/12/2010	Koyna IV	0.000	0.000	0
State Requirement	305.524 Mus On Date 01/12/2010	Total	0.000	0.000	0
State OLC	14483 MW On Date 03/12/2010	FOR LAST YEAR			
State M.P. Demand	16367 MW On Date 04/12/2010	0.000			
State E.P. Demand	17769 MW On Date 01/12/2010				

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 05/Dec/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.59	7.08	84	46	70
Unit 2	1.64	3.86	77	17	70
Unit 3	1.54	7.48	83	49	68
Unit 4	1.39	6.95	69	47	60
Unit 5	3.52	16.83	164	131	128
Unit 6	3.30	15.55	152	120	145
Unit 7	3.78	17.02	175	140	160
	16.75	74.77			701
Bhusawal					
Unit 1	1.14	4.23	50	43	40
Unit 2	4.33	21.61	190	160	185
Unit 3	4.34	21.96	195	160	185
	9.82	47.80			410
Parli					
Unit 1	0.59	2.79	26	23	24
Unit 2	0.52	2.47	23	20	22
Unit 3	4.08	20.55	178	158	175
Unit 4	4.29	21.49	186	166	180
Unit 5	0.00	0.00	0	0	0
Unit 6	5.00	19.96	258	158	165
Unit 7	5.10	21.61	256	159	170
	19.57	88.87			736
Chandrapur					
Unit 1	3.80	18.10	170	143	160
Unit 2	3.67	17.47	171	119	160
Unit 3	4.68	23.25	200	174	200
Unit 4	4.50	22.43	193	176	190
Unit 5	10.29	50.22	485	370	450
Unit 6	9.59	48.75	450	340	400
Unit 7	9.32	43.95	444	330	425
	45.85	224.18			1985
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.20	22.14	239	184	228
Unit 4	6.02	25.69	265	202	226
	11.22	47.83			454
Khaparkheda					
Unit 1	4.56	23.56	210	170	210
Unit 2	4.65	22.64	204	180	210
Unit 3	4.66	21.59	205	178	200
Unit 4	3.87	13.64	174	141	180
	17.73	81.43			800
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	13.13	0	0	0
Unit 4	4.22	21.84	197	151	192
Unit 5	4.31	21.93	195	165	172
	8.52	56.90			364
Koyna					
Stage 1-2	2.01	15.48	375	40	600
Stage 4	0.32	11.69	200	0	250
Stage 3	0.51	6.00	232	0	320
	2.84	33.17			1170
Kovna 12&4 Total	2.33	27.17			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.60	77.51	669	624	630
		15.60	77.51			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.36	1.84	60	0	60
BHTGR/VEER		0.13	0.69	6	5	7
BHIRA T.R.		0.17	0.98	68	0	80
RNGR+BHTSA		0.40	1.97	17	16	16
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.13	0.65	8	0	0
SMLHY PTN		0.37	2.90	23	12	0
GHATGHAR		0.87	4.84	125	0	0
		2.43	13.86			163
PENCH (MS)						
Pench (MS)		0.31	1.50	27	0	0
		0.31	1.50			0
Wind						
MalharPeth		0.14	0.68			
Vankuswadi		0.44	1.84			
ATIT		0.05	0.25			
Kale		0.18	0.66			
Satara		0.11	1.36			
Shirala		0.19	0.66			
K Mahankal		0.59	0.84			
Supa		0.08	0.37			
Vita		0.96	3.30			
Dondaicha		0.95	2.42			
Sakri		0.14	0.38			
Nandurbar		0.08	0.22			
Khandke		0.24	1.42			
Khaparale		0.16	0.40			
		4.32	14.82			
CPP						
TOTAL CPP		10.36	35.83			
		10.36	35.83			
Dabhol						
RGPPL		32.84	174.94	1512	1175	1470
		32.84	174.94			1470
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.08	55.52	485	330	500
Trombay 6		4.24	24.28	250	150	500
Trombay 7A		2.91	14.47	124	119	120
Trombay 7B		1.31	6.71	67	0	60
Trombay 8		5.17	25.84	250	130	250
TATA Hydro		0.01	14.62	5	0	447
		23.72	141.45			1877
REL						
1&2		6.32	31.57	264	262	250
		6.32	31.57			250
Cent Sect						
Share						3390
						3390
MS PG CL	Thermal	129.46	621.78			5450
	Thml+Gas	145.06	699.29			6080
	Hydro	5.26	47.03			1333
	Total	150.33	746.33			7413
State Total		228.20	1146.43			14400

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Dec/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	5249	81	660	5990	1186	189	453	2546	2688	-577	-547	9962	0	9962	1759	11721	49.97
2	5197	100	664	5961	1187	165	422	2447	2425	-477	-445	9715	0	9715	1653	11368	50.02
3	5184	81	664	5929	1189	205	413	2403	2542	-431	-399	9879	0	9879	1557	11436	50.12
4	5261	90	667	6018	1188	231	416	2355	2628	-383	-356	10125	0	10125	1514	11639	50.11
5	5285	81	667	6033	1186	215	419	2355	2834	-383	-363	10324	583	10907	1498	12405	50.01
6	5278	105	669	6052	1187	234	417	2762	2918	-383	-355	10453	1335	11788	1520	13308	50.04
7	5465	167	668	6300	1185	261	423	2692	2966	-433	-404	10744	1915	12659	1554	14213	49.91
8	5570	81	667	6318	1179	192	420	2713	2978	-456	-427	10687	2742	13429	1580	15009	49.85
9	5612	115	660	6387	1175	191	423	2727	2803	-481	-454	10552	2956	13508	1634	15142	49.73
10	5688	504	660	6852	1336	163	428	2766	2704	-518	-493	11017	2849	13866	1755	15621	49.86
11	5646	256	634	6536	1485	180	437	2838	2782	-585	-559	10888	3194	14082	1878	15960	49.82
12	5563	350	629	6542	1492	205	425	2864	3070	-608	-586	11175	2966	14141	1901	16042	49.83
13	5572	487	629	6688	1491	173	434	2841	3030	-585	-580	11256	2988	14244	1857	16101	49.82
14	5511	424	629	6564	1496	150	433	2841	3092	-585	-563	11181	2979	14160	1846	16006	50.05
15	5524	219	626	6369	1490	145	440	2804	3280	-561	-540	11184	2944	14128	1793	15921	50.00
16	5473	263	624	6360	1490	138	442	2772	3383	-537	-513	11300	2902	14202	1767	15969	49.96
17	5426	222	641	6289	1496	147	446	2740	3514	-504	-482	11410	2713	14123	1729	15852	50.08
18	5411	246	635	6292	1498	165	442	2740	3481	-504	-483	11409	2959	14368	1803	16171	50.04
19	5358	461	640	6459	1503	190	448	3197	3535	-716	-682	11476	3331	14807	2068	16875	50.04
20	5271	400	645	6316	1507	161	449	3373	3522	-764	-729	11249	3216	14465	2090	16555	50.05
21	5248	221	648	6117	1504	156	436	3349	3519	-740	-710	11045	2649	13694	2046	15740	49.94
22	5266	98	648	6012	1512	150	438	3326	3310	-716	-688	10757	1884	12641	2019	14660	50.21
23	5192	123	661	5976	1449	147	422	3077	3233	-692	-668	10582	0	10582	1960	12542	50.09
24	5213	89	665	5967	1432	172	430	2856	2781	-617	-580	10202	0	10202	1863	12065	50.32
MUs	129.46	5.26	15.60	150.33	32.84	4.32	10.36	67.38	73.02	-13.23	-12.61	258.57	47.11	305.68	42.64	348.32	49.99

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 for export)

Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Bilateral Power Purchases for 05/Dec/2010

TIME SR. NO.	MSEDCL					MUMBAI SYSTEM								OTHER
	IMPORT	EXPORT	PX	INTRA	NET	IMPORT	EXPORT	Standby From MSEDCL	Kawas URS	Gandhar URS	PX	INTRA	NET	
1	72.35	-199.92	0.00	7.50	-120.07	235.93	-39.96	0.00	0.00	0.00	295.12	85.50	576.59	-1.37
2	72.35	-199.92	0.00	7.50	-120.07	235.93	-64.94	0.00	0.00	0.00	220.77	85.50	477.26	-1.37
3	72.35	-199.92	0.00	7.50	-120.07	235.93	-89.92	0.00	0.00	0.00	199.92	85.50	431.43	-1.37
4	72.35	-199.92	0.00	7.50	-120.07	235.93	-114.89	0.00	0.00	0.00	176.12	85.50	382.66	-1.37
5	72.35	-199.92	0.00	7.50	-120.07	235.93	-114.89	0.00	0.00	0.00	176.12	85.50	382.66	-1.37
6	72.35	-199.92	0.00	7.50	-120.07	235.93	-114.89	0.00	0.00	0.00	176.12	85.50	382.66	-1.37
7	72.35	-199.92	0.00	7.50	-120.07	235.93	-64.94	0.00	0.00	0.00	176.12	85.50	432.61	-1.37
8	72.35	-199.92	0.00	7.50	-120.07	235.93	-64.94	0.00	0.00	0.00	199.92	85.50	456.41	-1.37
9	72.35	-199.92	0.00	7.50	-120.07	235.93	-39.96	0.00	0.00	0.00	199.92	85.50	481.39	-3.77
10	72.35	-199.92	0.00	7.50	-120.07	208.76	0.00	0.00	0.00	0.00	223.72	85.50	517.98	-3.77
11	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	199.92	85.50	584.62	-3.77
12	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	223.72	85.50	608.42	-3.77
13	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	199.92	85.50	584.62	-3.77
14	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	199.92	85.50	584.62	-3.77
15	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	176.12	85.50	560.82	-3.77
16	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	152.32	85.50	537.02	-4.72
17	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	119.00	85.50	503.70	-4.72
18	72.35	-199.92	0.00	7.50	-120.07	299.20	0.00	0.00	0.00	0.00	119.00	85.50	503.70	-4.72
19	72.35	-97.96	0.00	7.50	-18.11	335.38	0.00	0.00	0.00	0.00	295.12	85.50	716.00	-4.72
20	72.35	-97.96	0.00	7.50	-18.11	335.38	0.00	0.00	0.00	0.00	342.72	85.50	763.60	-4.72
21	72.35	-97.96	0.00	7.50	-18.11	335.38	0.00	0.00	0.00	0.00	318.92	85.50	739.80	-4.72
22	72.35	-97.96	0.00	7.50	-18.11	335.38	0.00	0.00	0.00	0.00	295.12	85.50	716.00	-4.72
23	72.35	-199.92	0.00	7.50	-120.07	335.38	0.00	0.00	0.00	0.00	271.32	85.50	692.20	-1.37
24	72.35	-199.92	0.00	7.50	-120.07	235.93	0.00	0.00	0.00	0.00	295.12	85.50	616.55	-1.37
MUs	1.736	-4.390	0.000	0.180	-2.474	6.639	-0.709	0.000	0.000	0.000	5.252	2.052	13.233	-0.073

State Load Dispatch Center, Airoli (MSETCL)
Central Sector Share Receipt Statement for 05/Dec/2010

Time	Central Sector Share			C.S. Receipt (Incl. Bilateral Purchase) (MW)	Over Drawl(+)/ Under Drawl(-) (MW)	Frequency (Hz)
	NTPC+NPC+ TAPS (MW)	Bilateral Purchase (MW)	Total C.S. Share (MW)			
1	2176	370	2546	2688	142	49.97
2	2177	270	2447	2425	-22	50.02
3	2179	224	2403	2542	139	50.12
4	2179	176	2355	2628	273	50.11
5	2179	176	2355	2834	479	50.01
6	2586	176	2762	2918	156	50.04
7	2466	226	2692	2966	274	49.91
8	2464	249	2713	2978	265	49.85
9	2455	272	2727	2803	76	49.73
10	2457	309	2766	2704	-62	49.86
11	2463	375	2838	2782	-56	49.82
12	2465	399	2864	3070	206	49.83
13	2466	375	2841	3030	189	49.82
14	2466	375	2841	3092	251	50.05
15	2453	351	2804	3280	476	50.00
16	2445	327	2772	3383	611	49.96
17	2447	293	2740	3514	774	50.08
18	2447	293	2740	3481	741	50.04
19	2589	608	3197	3535	338	50.04
20	2718	655	3373	3522	149	50.05
21	2718	631	3349	3519	170	49.94
22	2718	608	3326	3310	-16	50.21
23	2592	485	3077	3233	156	50.09
24	2446	410	2856	2781	-75	50.32
Mus	58.75	8.63	67.38	73.02	5.63	49.99

Central Sector Share & Drawal Summary (in Mus)		
	Daily	Monthly
Central Sector Share	67.38	354.72
Receipt from Central Sector	64.38	312.19
Bilateral Purchase	8.63	52.15
Total Central Sector Receipt with Bilateral Purchase	73.02	364.34
Over Drawal (+) / Under Drawal (-)	5.63	9.62

Frequency Range Wise Analysis			
Frequency Range	C.S.Share (Mus)	C.S. Receipt (Mus)	Over(+) / Under(-) Drawal
Above 50.5	0.00	0.00	0.00
50.2 to 50.5	6.18	6.09	-0.09
49.8 to 50.2	58.48	64.12	5.65
49.5 to 49.8	2.73	2.80	0.08
49.0 to 49.5	0.00	0.00	0.00
Below 49.0	0.00	0.00	0.00

Note : The report is based on SCADA data & is for statistical purpose only.

State Load Dispatch Center,Airoli (MSETCL)

Hourly InterState Exchange Details for 05/Dec/2010

Time	Interstate Exchange Through																
	Gujrat							Madhya Pradesh							Export to Goa	Pench (Excess)	Taps 1 & 2 Injection
	220 KV Nasik-Navsar	220 KV Taps-Navsar	400 KV Dhule SS	400 KV Padgha	400 KV Taps Padgh	Boisar 400/220 KV	Total	220 KV Kalm-Sarni	400 KV Bhilai-Koradi	400 KV Chdpr-Bhdrva	400 KV Dhule-Khand	400 KV Koradi -	400 KV Wardha-	Total			
1	83	-67	-140	42	171	334	423	-19	500	521	890	-110	359	2141	-201	-3	328
2	68	-96	-150	31	140	308	301	-22	480	483	830	-130	352	1993	-198	0	329
3	89	-84	-130	44	161	293	373	-20	460	477	840	-90	379	2046	-206	0	329
4	94	-81	-110	55	187	304	449	-14	460	480	860	-100	348	2034	-184	0	329
5	106	-67	-100	66	208	258	471	-5	500	519	880	-50	387	2231	-195	0	327
6	123	-46	-100	69	200	280	526	0	500	561	930	-60	321	2252	-187	0	327
7	143	-41	-110	68	200	301	561	-30	460	565	900	-60	455	2290	-198	-13	326
8	172	-29	-120	100	282	298	703	-53	440	528	870	-70	445	2160	-184	-27	326
9	148	-46	-150	73	215	250	490	-46	480	629	870	-90	348	2191	-177	-27	326
10	144	-57	-180	49	183	245	384	-55	460	655	870	-100	351	2181	-161	-27	327
11	112	-58	-210	47	166	242	299	-31	520	715	900	-120	350	2334	-151	-27	327
12	143	-52	-190	48	170	245	364	-13	500	766	900	-90	509	2572	-165	-27	326
13	130	-79	-190	37	157	282	337	-21	580	724	940	-100	455	2578	-191	-20	326
14	141	-97	-170	35	148	238	295	-18	500	864	940	-70	469	2685	-206	-9	327
15	127	-92	-160	32	147	275	329	0	640	758	990	-60	483	2811	-187	0	327
16	122	-98	-160	19	113	310	306	-14	520	998	970	-30	486	2930	-179	0	326
17	144	-70	-120	32	140	330	456	12	460	1001	950	40	465	2928	-195	0	325
18	143	-58	-90	41	163	328	527	14	500	878	860	100	492	2844	-201	-14	325
19	153	-30	-10	47	179	366	705	0	500	790	870	70	483	2713	-184	-23	324
20	178	64	150	92	241	436	1161	11	420	606	760	20	476	2293	-234	-23	325
21	200	67	160	107	272	404	1210	-16	460	551	800	30	414	2239	-232	-23	325
22	128	38	130	86	236	431	1049	-26	480	549	800	-30	430	2203	-246	-23	327
23	163	-1	0	60	195	319	736	0	520	644	900	-90	457	2431	-238	-23	327
24	109	-64	-120	25	118	366	434	-29	440	606	880	-110	455	2242	-224	0	329
Mus	3.16	-1.14	-2.27	1.30	4.39	7.44	12.89	-0.40	11.78	15.87	21.20	-1.30	10.17	57.32	-4.72	-0.31	7.84

Time	Total Exchang	HVDC Flow I	HVDC Flow II	Total HVDC
1	2688	137	138	275
2	2425	137	138	275
3	2542	137	138	275
4	2628	137	138	275
5	2834	137	138	275
6	2918	137	138	275
7	2966	250	250	500
8	2978	250	250	500
9	2803	500	500	1000
10	2704	375	375	750
11	2782	375	375	750
12	3070	375	375	750
13	3030	375	375	750
14	3092	375	375	750
15	3280	500	500	1000
16	3383	600	600	1200
17	3514	600	600	1200
18	3481	600	600	1200
19	3535	375	375	750
20	3522	250	250	500
21	3519	137	138	275
22	3310	137	138	275
23	3233	175	175	350
24	2781	175	175	350
Mus	73.02	7.25	7.25	14.50

Mumbai Schedule	Mumbai Net Exchang
-577	-547
-477	-445
-431	-399
-383	-356
-383	-363
-383	-355
-433	-404
-456	-427
-481	-454
-518	-493
-585	-559
-608	-586
-585	-580
-585	-563
-561	-540
-537	-513
-504	-482
-504	-483
-716	-682
-764	-729
-740	-710
-716	-688
-692	-668
-617	-580
-13.23	-12.61

State Load Dispatch Center,Airoli (MSETCL)

Hourly Generation Details for 05/Dec/2010

Time	MSPGCL Thermal Generation																				
	Khaperkheda					Chandrapur								Koradi							
	U-1	U-2	U-3	U-4	Total	U-1	U-2	U-3	U-4	U-5	U-6	U-7	Total	U-1	U-2	U-3	U-4	U-5	U-6	U-7	Total
1	210	195	202	164	771	157	119	198	188	385	371	330	1748	79	72	66	60	151	152	150	730
2	205	194	203	169	771	159	148	198	186	390	375	330	1786	70	68	66	60	131	133	145	673
3	200	204	203	171	778	160	156	198	178	390	370	360	1812	70	69	66	60	135	130	150	680
4	195	199	203	172	769	160	159	198	184	390	370	360	1821	68	70	68	60	135	144	150	695
5	195	194	203	172	764	161	159	198	186	405	370	356	1835	70	70	71	60	131	142	145	689
6	195	192	205	173	765	163	163	174	176	460	370	375	1881	70	17	67	60	136	129	155	634
7	185	190	203	174	752	166	166	198	192	475	375	380	1952	82	72	65	60	137	131	160	707
8	195	198	203	174	770	167	157	200	190	470	415	375	1974	82	75	68	60	140	150	150	725
9	185	195	199	172	751	169	163	188	186	485	415	386	1992	84	77	74	60	150	149	155	749
10	195	180	201	163	739	166	163	196	186	465	450	444	2070	74	75	79	69	164	150	155	766
11	195	200	199	158	752	170	171	198	186	445	450	444	2064	79	72	83	65	156	145	155	755
12	200	194	192	158	744	164	170	196	190	445	415	419	1999	75	76	79	65	151	140	165	751
13	195	187	190	163	735	169	163	196	193	450	450	406	2027	71	76	74	64	150	147	165	747
14	200	196	183	162	741	163	155	196	193	460	450	411	2028	67	74	60	61	148	141	160	711
15	200	199	180	160	739	162	160	196	193	470	450	416	2047	60	72	58	58	149	122	175	694
16	185	193	178	158	714	152	148	198	190	470	450	408	2016	51	72	60	51	148	129	175	686
17	190	193	187	147	717	153	141	195	188	440	435	408	1960	60	73	58	47	150	143	170	701
18	195	196	194	141	726	155	147	195	190	420	405	407	1919	58	58	58	48	150	133	170	675
19	175	190	195	150	710	143	131	195	185	410	380	382	1826	46	66	57	56	150	120	175	670
20	175	195	192	153	715	143	142	195	184	400	355	346	1765	56	61	56	59	150	128	160	670
21	170	197	190	155	712	143	144	195	188	370	340	344	1724	60	68	54	50	150	122	150	654
22	170	183	184	153	690	152	142	195	191	370	385	400	1835	59	73	53	53	150	139	150	677
23	170	195	184	156	705	151	147	195	185	410	380	410	1878	53	66	50	52	150	142	140	653
24	175	188	184	152	699	150	153	191	187	415	367	427	1890	48	64	49	55	155	134	155	660
Mus	4.56	4.65	4.66	3.87	17.73	3.80	3.67	4.68	4.50	10.29	9.59	9.32	45.85	1.59	1.64	1.54	1.39	3.52	3.30	3.78	16.75

Time	MSPGCL Thermal Generation																						Thermal Total
	Bhusawal				Nasik						Parali								Paras				
	U-1	U-2	U-3	Total	U-1	U-2	U-3	U-4	U-5	Total	U-1	U-2	U-3	U-4	U-5	U-6	U-7	Total	U-2	U-3	U-4	Total	
1	45	180	190	415	0	0	0	188	192	380	24	20	160	186	0	170	177	737	0	209	259	468	5249
2	45	180	195	420	0	0	0	197	186	383	24	20	169	175	0	163	164	715	0	192	257	449	5197
3	45	180	190	415	0	0	0	184	186	370	24	20	160	169	0	163	159	695	0	184	250	434	5184
4	45	180	185	410	0	0	0	182	190	372	24	21	158	175	0	162	159	699	0	239	256	495	5261
5	45	185	185	415	0	0	0	185	190	375	24	21	175	178	0	158	170	726	0	230	251	481	5285
6	45	180	185	410	0	0	0	188	188	376	24	21	163	175	0	175	199	757	0	217	238	455	5278
7	43	185	180	408	0	0	0	185	180	365	24	21	175	183	0	211	247	861	0	218	202	420	5465
8	45	190	185	420	0	0	0	165	181	346	24	21	158	186	0	234	255	878	0	231	226	457	5570
9	50	190	190	430	0	0	0	151	173	324	24	22	169	180	0	251	250	896	0	213	257	470	5612
10	50	180	185	415	0	0	0	169	178	347	24	23	163	172	0	258	256	896	0	208	247	455	5688
11	50	180	170	400	0	0	0	174	178	352	24	23	175	180	0	210	237	849	0	216	258	474	5646
12	50	175	170	395	0	0	0	162	179	341	25	22	175	175	0	230	220	847	0	225	261	486	5563
13	50	175	170	395	0	0	0	162	180	342	26	22	178	180	0	234	206	846	0	219	261	480	5572
14	50	185	160	395	0	0	0	160	176	336	25	22	178	169	0	225	195	814	0	221	265	486	5511
15	46	190	175	411	0	0	0	175	181	356	26	22	172	166	0	219	195	800	0	218	259	477	5524
16	46	180	175	401	0	0	0	180	166	346	26	22	166	180	0	209	217	820	0	229	261	490	5473
17	47	175	175	397	0	0	0	175	170	345	25	22	166	178	0	211	225	827	0	221	258	479	5426
18	47	175	185	407	0	0	0	180	168	348	25	22	169	178	0	232	241	867	0	219	250	469	5411
19	49	175	185	409	0	0	0	180	195	375	25	22	175	186	0	239	249	896	0	225	247	472	5358
20	50	180	190	420	0	0	0	185	175	360	25	22	172	186	0	243	248	896	0	192	253	445	5271
21	50	185	190	425	0	0	0	185	187	372	23	22	172	183	0	244	249	893	0	214	254	468	5248
22	50	180	185	415	0	0	0	187	178	365	25	22	175	178	0	215	210	825	0	216	243	459	5266
23	50	160	170	380	0	0	0	160	166	326	25	23	178	186	0	182	182	776	0	223	251	474	5192
24	50	185	175	410	0	0	0	156	165	321	24	21	178	186	0	164	185	758	0	217	258	475	5213
Mus	1.14	4.33	4.34	9.82	0.00	0.00	0.00	4.22	4.31	8.52	0.59	0.52	4.08	4.29	0.00	5.00	5.10	19.57	0.00	5.20	6.02	11.22	129.46

State Load Dispatch Center,Airoli (MSETCL)

Hourly Generation Details for 05/Dec/2010

Time	MSPGCL Hydro Generation															Total Hydr o	Uran All Units	RGPP L	Pench (MS)	REL 1 & 2
	Koyna				Total Koyn	KDP H	Ghat ghar	Tillari	Bhira TR	Vaita-rna	Bhan d-ardar	Paith an	Bhat ghar/ Veer	Rdna gri/ Bhat	Eldar y					
	Stage 1&2	Stg. 4	Stage 1,2,4	Stg. 3																
1	40	0	40	0	40	0	0	0	0	0	0	12	5	16	8	81	660	1186	3	263
2	60	0	60	0	60	0	0	0	0	0	0	12	5	16	7	100	664	1187	0	264
3	40	0	40	0	40	0	0	0	0	0	0	12	5	16	8	81	664	1189	0	264
4	50	0	50	0	50	0	0	0	0	0	0	12	5	16	7	90	667	1188	0	264
5	40	0	40	0	40	0	0	0	0	0	0	12	5	16	8	81	667	1186	0	264
6	65	0	65	0	65	0	0	0	0	0	0	12	5	16	7	105	669	1187	0	264
7	125	0	125	0	125	0	0	0	0	0	0	12	5	17	8	167	668	1185	13	263
8	40	0	40	0	40	0	0	0	0	0	0	12	5	17	7	81	667	1179	27	264
9	75	0	75	0	75	0	0	6	0	0	0	12	5	17	0	115	660	1175	27	263
10	375	0	375	0	375	0	24	60	0	0	0	23	5	17	0	504	660	1336	27	263
11	70	0	70	0	70	0	82	59	0	0	0	23	5	17	0	256	634	1485	27	263
12	180	0	180	0	180	0	0	60	65	0	0	23	5	17	0	350	629	1492	27	263
13	275	106	381	0	381	0	45	0	27	0	0	12	5	17	0	487	629	1491	20	263
14	65	200	265	0	265	0	125	0	0	0	0	12	5	17	0	424	629	1496	9	264
15	40	14	54	0	54	0	125	0	0	0	0	12	5	17	6	219	626	1490	0	264
16	40	0	40	56	96	0	125	0	0	0	0	12	5	17	8	263	624	1490	0	262
17	45	0	45	10	55	0	125	0	0	0	0	12	5	17	8	222	641	1496	0	264
18	65	0	65	0	65	0	125	0	14	0	0	12	6	17	7	246	635	1498	14	263
19	55	0	55	134	189	0	91	60	68	0	0	23	6	17	7	461	640	1503	23	263
20	55	0	55	232	287	0	0	60	0	0	0	23	6	16	8	400	645	1507	23	263
21	40	0	40	74	114	0	0	54	0	0	0	23	6	17	7	221	648	1504	23	263
22	45	0	45	0	45	0	0	0	0	0	0	22	6	17	8	98	648	1512	23	262
23	80	0	80	0	80	0	0	0	0	0	0	13	6	17	7	123	661	1449	23	263
24	45	0	45	0	45	0	0	0	0	0	0	13	6	17	8	89	665	1432	0	264
Mus	2.01	0.32	2.33	0.51	2.84	0.00	0.87	0.36	0.17	0.00	0.00	0.37	0.13	0.40	0.13	5.26	15.60	32.84	0.31	6.32

Time	TPCL								WIND Injection Near				State Total Generati
	Hydr o	Unit 4	Unit 5	Unit 6	Unit 7A	Unit 7B	Unit 8	Total	Kara d	Nasik	VKM	Total	
1	0	0	485	150	123	31	160	949	137	21	31	189	9033
2	0	0	450	150	123	66	155	944	113	24	28	165	8943
3	0	0	400	150	123	66	155	894	139	23	43	205	8894
4	0	0	400	150	123	66	155	894	148	32	51	231	9011
5	0	0	400	150	124	67	130	871	128	36	51	215	8988
6	0	0	415	150	124	67	145	901	126	29	79	234	9055
7	0	0	400	150	121	66	150	887	111	25	125	261	9332
8	0	0	350	150	122	67	200	889	88	26	78	192	9289
9	0	0	330	150	121	66	250	917	76	13	102	191	9383
10	0	0	410	150	122	67	250	999	101	11	51	163	10068
11	0	0	470	150	120	66	250	1056	104	20	56	180	9984
12	0	0	480	150	119	53	250	1052	137	20	48	205	10006
13	0	0	460	180	119	5	250	1014	123	16	34	173	10083
14	0	0	450	200	119	0	250	1019	118	4	28	150	9935
15	0	0	420	200	119	0	250	989	123	5	17	145	9697
16	0	0	350	250	120	22	250	992	114	8	16	138	9684
17	0	0	350	210	120	63	240	983	100	9	38	147	9625
18	0	0	420	210	121	66	240	1057	116	8	41	165	9731
19	5	0	440	250	121	67	240	1123	114	18	58	190	10009
20	5	0	440	225	121	67	240	1098	94	17	50	161	9817
21	0	0	440	205	121	67	240	1073	87	23	46	156	9572
22	0	0	440	200	122	67	240	1069	93	20	37	150	9466
23	0	0	440	160	122	67	240	1029	88	26	33	147	9309
24	0	0	440	150	122	67	240	1019	96	37	39	172	9284
Mus	0.01	0.00	10.08	4.24	2.91	1.31	5.17	23.72	2.67	0.47	1.18	4.32	228.20

State Load Dispatch Center,Airoli (MSETCL)

Hourly Generation Details of CPP for 05/Dec/2010

TIME	CPP AAEL	CPP FINOL EX	CPP GANG AKHE	CPP IPL	CPP IRSL	CPP JSW BOISR	CPP JSW JAIGA	CPP KRAA NTI	CPP LOKM ANGA	CPP OTHE RS	CPP PPSL	CPP RENU KA	CPP SHAH U	CPP WARD HA	CPP WATE GAON	Total
1	9	39	27	15	4	16	187	4	12	86	21	20	7	0	6	453
2	9	39	11	0	3	16	187	4	12	86	22	20	7	0	6	422
3	9	39	2	0	3	16	187	4	12	87	21	20	7	0	6	413
4	9	39	2	0	3	16	188	5	12	87	22	20	7	0	6	416
5	9	39	6	0	3	16	188	5	12	87	21	20	7	0	6	419
6	9	39	3	0	3	16	188	5	12	87	22	20	7	0	6	417
7	12	39	5	0	4	16	189	5	12	87	21	20	7	0	6	423
8	9	40	4	0	3	16	189	5	12	87	22	20	7	0	6	420
9	9	40	6	0	2	16	192	5	12	87	21	20	7	0	6	423
10	9	40	9	0	3	16	194	5	10	87	22	20	7	0	6	428
11	9	40	14	0	2	16	197	5	13	87	21	20	7	0	6	437
12	9	40	2	0	2	16	197	5	12	87	22	20	7	0	6	425
13	10	40	10	0	2	17	196	5	13	87	21	20	7	0	6	434
14	9	40	10	0	2	17	196	5	13	86	22	20	7	0	6	433
15	9	40	15	0	2	17	195	5	14	86	22	21	8	0	6	440
16	9	40	21	0	2	17	195	5	11	86	21	21	8	0	6	442
17	10	40	23	0	2	17	194	5	12	86	22	21	8	0	6	446
18	9	40	21	0	2	17	194	5	12	86	21	21	8	0	6	442
19	9	40	22	0	2	17	197	5	11	88	22	21	8	0	6	448
20	9	40	22	0	3	17	197	5	12	88	21	21	8	0	6	449
21	9	40	19	0	2	17	197	5	4	86	22	21	8	0	6	436
22	9	40	28	0	3	17	192	5	0	86	22	21	8	0	7	438
23	9	40	18	0	3	17	187	5	0	86	21	21	8	0	7	422
24	9	40	26	0	2	17	187	5	0	86	22	21	8	0	7	430
Total	0.22	0.95	0.33	0.02	0.06	0.40	4.61	0.12	0.24	2.08	0.52	0.49	0.18	0.00	0.15	10.36

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 05/Dec/2010

Position as on 6.30 Hrs of 06/Dec/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
Cent_Sect NTPC(K-6)	500	02/12/2010	7:44		Continued.	Annual Overhaul	31/12/2010
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	15/12/2010
Paras Unit 2	55	16/11/2010	23.00		Continued.	Boiler tube validity expired.	08/12/2010
Nasik Unit 1	125	26/11/2010	17.50		Continued.	Governig system problem.	07/12/2010
Cent_Sect TARAPUR-4	540	29/11/2010	13.35		Continued.	Testing work.	04/12/2010
Nasik Unit 3	210	03/12/2010	22.00	06/12/2010	02.55	Boiler Tube Leakage.	
Dabhol 1B	230	04/12/2010	22.58	05/12/2010	08.36	Air Filter Replacement.	
Tata Trombay 7B	60	05/12/2010	12.32	05/12/2010	15.28	Balancing Shaft	
Paras Unit 4	250	06/12/2010	00.25	06/12/2010	05.05	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Dec/2010

Position as on 6.30 Hrs of 06/Dec/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalmeshwar - Pandurna	05/12/2010	19.01		Continued.	Main Bkr PDR Problem.(Ckt is on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	28/11/2010	18.37	05/12/2010	11.06	Change over
Dhule - S'Sarovar- II	02/12/2010	17.11		Continued.	Over Voltage.
Kolhapur - Mapusa - II	04/12/2010	23.14		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalmeshwar - Pandurna	05/12/2010	17.56	05/12/2010	19.01	Distance Protection Operated Zone-I.
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 KV315 MVA ICT-I @ BBLR	02/12/2010	10.46		Continued.	For repl.of 33 KV bushing of R,Y,and B ph.
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
220/132KV 100MVA ICT-II @ Chalisgaon	08/11/2010	11.10		Continued.	Commissioning of new 200MVA ICT by replacing 100MVA ICT.
Kalwa-Mahape	27/11/2010	15.17		Continued.	Strenginging Work of Mumbai System.
Main Bus - I @ Dahanu	03/12/2010	09.03		Continued.	Bus Maint.Work.
Airoli-Knowledge park-Nasik	05/12/2010	08.04	05/12/2010	18.03	Insulator Replacement.
Trombay - Tata Tie - II	05/12/2010	09.37	05/12/2010	18.40	Breaker Testing Work.
Trombay-Kalwa	05/12/2010	10.00	05/12/2010	18.09	Insulator Replacement.
Hinganghat - RLY TSS - II	05/12/2010	11.50	05/12/2010	14.13	Isolator Alignment Work.
Hinganghat - Rly TSS - I	05/12/2010	14.28	05/12/2010	16.06	Isolator Alignment Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Pophali - KDPH	01/12/2010	11.15	05/12/2010	23.45	To attend MOCB oil leakage at KDPH end.
Boiser PGCIL-Boiser II	05/12/2010	08.43	05/12/2010	12.11	C T Jumper Replacement.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
132/11 KV 16 MVA T/F @ Kalmeshwar	05/12/2010	10.08	05/12/2010	13.25	To Attend Main Bkr Air Lkg,ICT HV Side on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	04/12/2010	22.04	05/12/2010	11.16	Over Voltage.
Bhusawal- Aurangabad	04/12/2010	23.27	05/12/2010	04.40	Over Voltage.
Karad - Kolhapur - II	05/12/2010	23.42		Continued.	Over Voltage.
Bhusawal- Aurangabad	05/12/2010	23.46		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Bblswr - Padgha - II	06/12/2010	03.02		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 100 MVA ICT @ Shahada	29/11/2010	16.10		Continued.	Main buchholz protection operated.
220/33 KV 100 MVA ICT IV at Jamde	01/12/2010	12.42		Continued.	PRV and Bucholz.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Dec/2010

Position as on 6.30 Hrs of 06/Dec/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Butibori-Abhijeet ckt.	05/12/2010	15.00	05/12/2010	16.11	Bus Bar Protection Operated on 33KV Feeder Fault.
220/33 KV 50 MVA T/F - III @ Butibori	05/12/2010	15.00	05/12/2010	16.22	On Over Loaded Since T/F-I & T/F-II Tripped on Feeder Fault.
Butibori - Sun Vijay	05/12/2010	15.00	05/12/2010	16.05	Bus Bar Protection Operated on 33KV Feeder Fault.
220/33 KV 50 MVA T/F-I @ Butibori	05/12/2010	15.00	05/12/2010	16.20	Bus Bar Protection Operated on 33KV Feeder Fault.
220/33 KV 50 MVA T/F-II @ Butibori	05/12/2010	15.00	05/12/2010	16.00	Bus Bar Protection Operated on 33KV Feeder Fault.
220 KV Main Bus -II @ Butiburi	05/12/2010	15.00	05/12/2010	16.00	Bus Bar Protection Operated on 33KV Feeder Fault.
Inox - Butibori	05/12/2010	15.00	05/12/2010	16.04	Bus Bar Protection Operated on 33KV Feeder Fault.

State Load Dispatch Center,Airoli (MSETCL)
400 KV Voltage Profile of MSETCL System for the date 05/Dec/2010

Name of Substation	MAXIMUM		MINIMUM	
	Voltage (in KV)	At Time (Hrs)	Voltage (in KV)	At Time (Hrs)
AKOLA	430	20.00	411	14.00
AURANGABAD	425	20.00	397	14.00
BABHALESHWAR	425	20.00	410	14.00
BHUSAVAL	427	20.00	407	14.00
CHANDRAPUR	419	24.00	411	16.00
DHULE	425	24.00	406	10.00
JEJURI	420	02.00	404	14.00
KALWA	420	24.00	408	19.00
KARAD	424	24.00	406	10.00
KHARGHAR	419	04.00	403	11.00
KOLHAPUR	424	23.00	400	11.00
KORADI	415	24.00	405	10.00
LAMBOTI	428	02.00	394	14.00
LONIKHAND	422	04.00	404	10.00
NAGOTHANE	406	04.00	400	11.00
NEW KOYNA	420	20.00	408	11.00
PADGHA	424	24.00	409	11.00
PARLI	412	18.00	390	14.00