



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Sep/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Sep/2010 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	65.390	446.625	1) Madhya Pradesh	52.800	342.827
2) Hydro	7.962	56.978	2) Gujrat	24.414	187.989
3) Gas	15.938	106.685	3) Goa	-5.859	-39.438
Total MSGENCO	89.290	610.288	4) TAPS 1&2 (Inj.)	7.185	53.449
B) OTHERS			5) Pench (Excess)	-0.108	-0.911
1) RGPPL Gas	37.256	244.904	# Total Cent. Sector	78.432	543.916
2) Wind Generation	16.047	112.287	F) Other Exchanges		
3) CPP / IPP	10.550	74.937	1) With TPCL (Excess)	-9.969	-58.852
4) PENCH (MS)	0.108	0.911	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.046	36.829
1) TPCL Thermal	24.476	171.412	Include PX	2.099	31.244
2) TPCL Hydro	5.076	32.981	2) MUMBAI Bilateral	11.292	64.568
TOTAL TPCL	29.552	204.393	Include PX	2.744	16.117
3) REL Thermal	12.586	88.411	3) MUMBAI Schedule	11.292	64.568
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	102.452	706.448	1) MSEDCL	221.714	1528.391
2) Hydro (A2+B3+C2)	13.146	90.870	2) TPCL	34.578	233.061
3) Gas (A3+B1)	53.194	351.589	3) REL	17.530	118.690
4) Wind (B2)	16.047	112.287	TOTAL STATE	273.822	1880.142
5) CPP (B3)	10.550	74.937			
TOTAL STATE	195.389	1336.131			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	2796	2828	2587
MSGENCO Hydro	405	1002	211
MSGENCO Gas	670	654	667
MSGENCO Total Generation	3871	4484	3465
Central Sector Receipt	3369	3615	2341
RGPPL	1544	1545	1565
WIND	687	752	724
CPP / IPP	435	417	459
Exchange with TPCL	-704	-550	-35
MSEDCL DEMAND MET	9202	10276	8519
Load Shedding	1449	2287	0
MSEDCL DEMAND (INCL. LS)	10651	12563	8519
TPCL GENERATION	1441	1445	979
REL GENERATION	526	522	528
TPCL+REL DEMAND	2671	2517	1542
STATE DEMAND MET	11873	12793	10061
STATE DEMAND (INCL. LS)	13322	15080	10061
Frequency (Hz)	50.03	49.61	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2532 MW AT 19.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			29.64 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.54 Hz at 15.04 Hrs	49.32 Hz at 19.11 Hrs	49.98	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 07/Sep/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.38	1.38	73	7	50
Unit 2	1.55	10.16	71	35	70
Unit 3	1.59	10.71	76	54	70
Unit 4	0.00	0.00	0	0	0
Unit 5	3.32	21.16	166	126	150
Unit 6	3.30	12.96	152	112	150
Unit 7	3.35	23.03	170	125	160
	14.50	79.41			650
Bhusawal					
Unit 1	0.00	0.64	0	0	0
Unit 2	1.62	15.40	110	0	100
Unit 3	0.88	2.44	100	0	0
	2.50	18.48			100
Parli					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	1.17	0	0	0
Unit 3	2.42	7.38	146	0	132
Unit 4	2.96	21.26	146	97	120
Unit 5	2.60	19.08	140	77	120
Unit 6	3.23	22.91	155	116	150
Unit 7	1.28	7.70	188	0	0
	12.48	79.51			522
Chandrapur					
Unit 1	1.96	15.93	100	60	100
Unit 2	1.13	14.46	117	0	110
Unit 3	0.54	3.27	87	0	100
Unit 4	1.27	2.80	83	16	70
Unit 5	5.31	33.95	245	190	200
Unit 6	2.66	20.41	180	55	150
Unit 7	0.84	29.58	100	0	100
	13.70	120.39			830
Paras					
Unit 2	0.43	3.67	20	16	17
Unit 3	1.24	8.44	157	0	0
Unit 4	0.00	6.75	0	0	0
	1.67	18.86			17
Khaparkheda					
Unit 1	4.82	31.04	210	180	190
Unit 2	0.00	0.00	0	0	0
Unit 3	4.15	28.76	180	160	160
Unit 4	3.90	11.10	174	145	160
	12.87	70.91			510
Nasik					
Unit 1	0.91	5.24	59	21	51
Unit 2	0.85	9.19	58	13	51
Unit 3	0.00	11.65	0	0	0
Unit 4	3.20	15.22	182	85	132
Unit 5	2.71	17.77	168	96	122
	7.66	59.07			356
Koyna					
Stage 1-2	1.40	12.26	210	35	600
Stage 4	0.00	0.00	0	0	0
Stage 3	0.96	7.83	292	0	320
	2.37	20.08			920
Kovna 12&4 Total	1.40	12.26			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.94	106.68	680	648	640
		15.94	106.68			640
Hydro						
KDPH		0.94	6.44	40	39	36
VTRNA		0.16	0.63	61	0	60
TILLARI		0.18	1.50	60	0	0
BHTGR/VEER		0.19	1.21	8	8	8
BHIRA T.R.		0.48	3.15	82	0	80
RNGR+BHTSA		0.41	2.58	17	17	17
BHANDARDRA		0.84	5.35	35	35	35
ELDARY		0.53	3.78	24	20	22
SMLHY PTN		0.99	5.46	46	41	10
GHATGHAR		0.88	6.80	250	0	0
		5.60	36.89			268
PENCH (MS)						
Pench (MS)		0.11	0.91	27	0	
		0.11	0.91			
Wind						
MalharPeth		1.12	6.40			
Vankuswadi		1.94	12.56			
ATIT		0.92	4.61			
Kale		0.64	4.80			
Satara		1.51	11.05			
Shirala		0.71	3.84			
K Mahankal		0.46	5.39			
Supa		0.24	1.59			
Vita		2.53	18.18			
Dondaicha		3.03	23.10			
Sakri		0.55	4.74			
Nandurbar		0.41	2.65			
Khandke		1.19	7.65			
Khaparale		0.80	5.72			
		16.05	112.29			
CPP						
TOTAL CPP		10.55	74.94			
		10.55	74.94			
Dabhol						
RGPPL		37.26	244.90	1565	1540	1584
		37.26	244.90			1584
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.46	72.29	500	275	500
Trombay 6		4.00	30.90	200	150	500
Trombay 7A		2.93	20.44	124	121	120
Trombay 7B		1.62	11.34	68	67	60
Trombay 8		5.46	36.45	238	200	250
TATA Hydro		5.08	32.98	387	0	447
		29.55	204.39			1877
REL						
1&2		12.59	88.41	529	517	500
		12.59	88.41			500
Cent Sect						
Share						3475
						3475
MS PG CL	Thermal	65.39	446.62			2985
	Thml+Gas	81.33	553.31			3625
	Hydro	7.96	56.98			1188
	Total	89.29	610.29			4813
State Total		195.39	1336.13			12249

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Sep/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	2568	297	666	3531	1560	693	455	2655	2496	-168	-177	8585	385	8970	1748	10718	49.81
2	2645	202	667	3514	1562	703	461	2584	2561	-168	-105	8707	0	8707	1625	10332	49.87
3	2587	211	667	3465	1565	724	459	2541	2341	-100	-35	8519	0	8519	1542	10061	50.02
4	2694	201	668	3563	1562	755	449	2549	2423	-152	-12	8740	0	8740	1512	10252	49.97
5	2715	207	670	3592	1563	829	457	2670	2355	-77	-15	8781	0	8781	1520	10301	50.09
6	2767	207	671	3645	1557	776	451	2729	2854	-77	-13	9270	0	9270	1566	10836	50.01
7	2882	205	669	3756	1556	761	454	2930	3087	-222	-166	9448	112	9560	1763	11323	50.11
8	2852	228	671	3751	1555	643	451	2928	3284	-222	-164	9520	250	9770	1856	11626	50.18
9	2825	243	674	3742	1549	606	461	3128	3354	-425	-372	9340	1191	10531	2099	12630	50.06
10	2777	363	680	3820	1549	589	448	3366	3571	-572	-515	9462	1276	10738	2401	13139	50.09
11	2725	411	672	3808	1546	564	441	3605	3434	-756	-709	9084	1296	10380	2610	12990	50.06
12	2796	405	670	3871	1544	687	435	3603	3369	-761	-704	9202	1449	10651	2671	13322	50.03
13	2780	311	669	3760	1542	582	427	3612	3395	-766	-717	8989	1430	10419	2645	13064	50.00
14	2603	203	666	3472	1542	628	416	3564	3531	-718	-673	8916	1400	10316	2568	12884	50.02
15	2565	207	658	3430	1540	503	424	3562	3843	-718	-670	9070	1526	10596	2537	13133	49.97
16	2618	207	651	3476	1548	572	410	3543	3655	-718	-676	8985	1520	10505	2588	13093	50.16
17	2611	203	657	3471	1552	689	422	3539	3551	-718	-677	9008	1498	10506	2555	13061	50.06
18	2687	207	660	3554	1554	621	417	3488	3977	-647	-605	9518	1463	10981	2506	13487	50.01
19	2740	548	648	3936	1552	706	424	3517	3711	-576	-527	9802	2121	11923	2508	14431	49.87
20	2828	1002	654	4484	1545	752	417	3559	3615	-595	-550	10276	2287	12563	2517	15080	49.61
21	2850	823	663	4336	1551	708	415	3560	3462	-595	-545	9954	2109	12063	2441	14504	49.78
22	2810	633	651	4094	1553	633	431	3533	3691	-570	-504	9920	1973	11893	2262	14155	49.89
23	2773	223	658	3654	1552	650	465	3494	3699	-553	-486	9542	1521	11063	2146	13209	49.89
24	2692	215	658	3565	1557	673	460	3323	3173	-422	-352	9076	0	9076	1921	10997	50.07
MUs	65.39	7.96	15.94	89.29	37.26	16.05	10.55	77.58	78.43	-11.29	-9.97	221.71	24.81	246.52	52.11	298.63	49.98

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 07/Sep/2010

Position as on 6.30 Hrs of 08/Sep/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 2	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 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Cent_Sect KARPR2	220	14/08/2010	14:16		Continued.	Annual Overhaul.	08/09/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Annual Overhaul.	05/10/2010
Khaparkheda Unit 2	210	27/08/2010	23.40		Continued.	Capital Overhaul	05/10/2010
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.	
Parli Unit 1	30	18/06/2010	12:11		Continued.	For Scrapping.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/09/2010
Koradi Unit 1	105	25/08/2010	11.51	07/09/2010	00.15	Boiler Inspection.	
Bhusawal Unit 1	58	01/09/2010	23.30		Continued.	Wet Coal	09/09/2010
Cent_Sect Kawas GT2A	106	03/09/2010	20.14		Continued.	Less Requisition	
Paras Unit 3	250	04/09/2010	00.06	07/09/2010	12.11	CHP Belt replacement.	
Cent_Sect Gandhar U3	144	04/09/2010	00.09		Continued.	Low demand.	
Paras Unit 4	250	04/09/2010	03.38		Continued.	Bunkering problem.	
Parli Unit 7	250	05/09/2010	06.32	07/09/2010	06.26	Steam Temp.low.	
Bhusawal Unit 3	210	05/09/2010	08.55	07/09/2010	10.34	Coal Mill Problem.	
Cent_Sect NTPC(K-6)	500	05/09/2010	23.50	07/09/2010	02;24	Boiler tube leakage.	
Nasik Unit 3	210	06/09/2010	13.50		Continued.	C.W.Pump leakage	
Chandrapur Unit 7	500	07/09/2010	08.46		Continued.	Flame Failure	09/09/2010
Chandrapur Unit 3	210	07/09/2010	09.53		Continued.	High Furnance Pressure	09/09/2010
Chandrapur Unit 2	210	07/09/2010	12.11		Continued.	High Furnance Pressure	09/09/2010
Parli Unit 7	250	07/09/2010	14.14	07/09/2010	18.45	Drum Level Low	
Parli Unit 3	210	07/09/2010	21.23		Continued.	Low Furnance Pressure	09/09/2010
Bhusawal Unit 2	210	07/09/2010	22.13		Continued.	Boiler Tube Leakage	10/09/2010
Parli Unit 7	250	08/09/2010	02.05	08/09/2010	05.00	Tripped, Main Steam Temp.Low	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 07/Sep/2010

Position as on 6.30 Hrs of 08/Sep/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Dabhol 2X	290	08/09/2010	02.53		Continued.	AVR Automatic Air system prob.	
Dabhol 2B	230	08/09/2010	02.53		Continued.	AVR Automatic Air system prob.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Sep/2010

Position as on 6.30 Hrs of 08/Sep/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	26/08/2010	22.08		Continued.	Over Voltage.
Wardha - Akola - I	28/08/2010	12.25		Continued.	Change Over
Akola - Aurangabad - II	04/09/2010	12.29		Continued.	H/T for O/V.
Kolhapur - Mapusa - I	06/09/2010	17.51		Continued.	Over Voltage
Dhule-Khandwa I	08/09/2010	00.11		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - II	01/09/2010	01.48		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona	07/09/2010	07.55	07/09/2010	09.04	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Main Bus-I At Stage-4 Koyna.	12/08/2010	11.50		Continued.	Routine Maintainance Work.
STG IV-N.Koyna -I	01/09/2010	09.40		Continued.	Bay Maintenance
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.
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
220/6.6 KV Stn Tr - II @ K'Kheda	06/09/2010	08.58		Continued.	Annual Maint.of Bay
Karad - Peth	07/09/2010	11.13	07/09/2010	15.55	Red Hot Y phase Isolator
Karad-Sada Waghapur	07/09/2010	12.44	07/09/2010	17.40	Red Hot
Kalwa-Colourchem	07/09/2010	14.32	07/09/2010	16.47	Red Hot
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pusad - Gunj	07/09/2010	17.00	07/09/2010	18.00	Testing work
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Harangul - Latur - I	07/09/2010	16.55	07/09/2010	17.15	Attending Oil Leakage of CT
Voltage Level : 400KV			Outage Type HAND TRIPPED		
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Karad - Kolhapur - II	27/08/2010	23.01		Continued.	Over Voltage.
Chandrapur - Khaparkheda	04/09/2010	19.10		Continued.	H/T for O/V.Ready for charging at 19.30 Hrs.dt 5'th Sept.
Karad-Lamboti	06/09/2010	22.40	07/09/2010	14.33	Over Voltage
Dhule - Babhaleshwar - I	06/09/2010	22.54	07/09/2010	06.06	Over Voltage
Karad-Lamboti	07/09/2010	22.38		Continued.	Over Voltage
Lonikand- Koyna Stage IV	07/09/2010	22.42		Continued.	Over Voltage
Dhule - Babhaleshwar - I	08/09/2010	00.40		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Kalwa-Nasik	07/09/2010	14.40	07/09/2010	17.10	H/T for Kalwa-Colourchem outage
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	06/09/2010	22.45		Continued.	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Sep/2010

Position as on 6.30 Hrs of 08/Sep/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Dhule - Babaleshwar - II	07/09/2010	03.25	07/09/2010	06.24	Over Voltage
Dhule - Babhaleshwar - I	07/09/2010	06.34	07/09/2010	09.59	Over Voltage
Jejuri-Koyna STG-IV	08/09/2010	03.44		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.	Tripped on Diff.Prot.CTR system operated.
Dhule - Malegaon	07/09/2010	05.55	07/09/2010	06.17	Backup protection
Dhule-Chalisgaon	07/09/2010	05.55	07/09/2010	06.16	Backup Protection
Talangade - Mumewadi	07/09/2010	08.02	07/09/2010	08.34	Distance Protection
Karad-Wathar	07/09/2010	23.01		Continued.	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Bhusawal - Pachora	06/09/2010	19.01		Continued.	Dist.Prot,B/DN Declared(ckt is on no Load)

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Sep/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	65
Unit 3	105	70
Unit 4	105	0
Unit 5	200	90
Unit 6	210	130
Unit 7	210	140
	1040	560
Bhusawal		
Unit 1	58	0
Unit 2	210	0
Unit 3	210	100
	478	100
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	0
Unit 4	210	130
Unit 5	210	110
Unit 6	250	240
Unit 7	250	
	1190	480
Chandrapur		
Unit 1	210	90
Unit 2	210	0
Unit 3	210	0
Unit 4	210	50
Unit 5	500	200
Unit 6	500	150
Unit 7	500	0
	2340	490
Paras		
Unit 2	55	17
Unit 3	250	160
Unit 4	250	
	555	177
Khaparkheda		
Unit 1	210	200
Unit 2	210	0
Unit 3	210	170
Unit 4	210	170
	840	540
Nasik		
Unit 1	120	60
Unit 2	120	60
Unit 3	210	0
Unit 4	210	150
Unit 5	210	140
	870	410
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	40
VTRNA	60	61
TILLARI	60	60
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	17
BHANDARDRA	45	35
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	301
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	1250
	960	1250
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	3673
	3143	3673

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