



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Feb/2014

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Feb/2014 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.630	3332.373	1) Gujrat	-2.027	108.445
2) Hydro	5.492	461.038	2) Madhya Pradesh	19.416	481.412
3) Gas	7.299	176.195	3) Chattisgarh	7.920	240.410
Total MSGENCO	144.421	3969.606	4) Maharashtra Net	76.679	2303.299
B) 1) JSW JAIGAD	17.987	512.402	(Incl. 765kV Solapur-Raichur)	-2.157	-21.077
2) WPCL	4.057	73.767	5) Goa	-6.819	-156.854
3) ADANI	30.001	797.128	6) TAPS 1&2 Injection	7.493	192.135
4) Other CPP / IPP	17.198	487.944	7) RGPPL Injection	0.000	0.000
5) Wind Generation	6.957	157.154	8) Pench (Excess)	-0.099	-9.866
6) PENCH (MS)	0.099	9.918			
7) SOLAR	1.021	28.344	# Total Cent. Sector	102.563	3158.981
C) 1) TPCL Thermal	14.543	397.812	F) Other Exchanges		
2) TPCL Hydro	1.928	98.734	1) With TPCL (Excess)	-24.150	-479.161
TOTAL TPCL	16.471	496.546	G) Bilateral Power *		
3) REL Thermal	10.271	314.874	1) MSEDCL Bilateral	15.402	400.065
D) STATE			Include PX	-0.612	-6.856
1) Thermal (A1+C1+C3)	156.444	4045.059	2) MUMBAI Bilateral	18.569	401.079
2) Hydro (A2+B6+C2)	7.519	569.690	Include PX	2.749	116.625
3) Gas (A3)	7.299	176.195	3) MUMBAI Schedule	18.569	406.598
4) Wind (B5)	6.957	157.154	H) ENERGY CATERED (MUs)		
5) CPP/IPP (B1+B2+B3+B4)	69.243	1104.114	1) MSEDCL	300.154	8716.083
6) SOLAR (B7)	1.021	28.344	2) TPCL	32.777	833.892
TOTAL STATE	248.483	6080.556	3) REL	18.114	456.641
			TOTAL STATE	351.045	10006.616

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	6014	5514	5051
MSGENCO Hydro	392	184	144
MSGENCO Gas	292	287	325
MSGENCO Total Generation	6698	5985	5520
Central Sector Receipt	5302	4487	3695
WIND	110	592	68
CPP / IPP	3067	2828	2840
SOLAR	179	59	0
Exchange with Mumbai	-1209	-1246	-673
MSEDCL DEMAND MET	14147	12707	11450
Load Shedding	228	43	20
MSEDCL DEMAND	14375	12750	11470
TPCL GENERATION	893	776	496
R-INFRA GENERATION	522	388	388
TPCL+R-INFRA DEMAND	2624	2410	1557
STATE DEMAND MET	16771	15117	13007
STATE DEMAND	16999	15160	13027
Frequency (Hz)	50.05	50.08	50.16

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.67 Hz at 23.56 Hrs	49.8 Hz at 08.15 Hrs	50.1	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 27/Feb/2014

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	50.03	0	0	0
Unit 6	3.34	36.08	158	125	130
Unit 7	3.55	96.30	160	130	140
Total	6.89	182.41			270
Bhusawal					
Unit 2	3.54	79.83	160	130	150
Unit 3	1.68	88.79	150	0	0
Unit 4	7.84	222.24	465	80	323
Unit 5	7.98	189.33	380	275	344
Total	21.05	580.19			817
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	74.51	0	0	0
Unit 5	3.67	102.49	160	143	152
Unit 6	4.78	135.40	250	186	188
Unit 7	4.82	132.59	250	187	191
Total	13.26	444.98			531
Chandrapur					
Unit 1	3.19	87.69	138	128	150
Unit 2	3.67	14.51	177	140	150
Unit 3	4.08	114.08	184	161	190
Unit 4	4.22	114.46	201	159	210
Unit 5	9.25	70.82	450	355	450
Unit 6	9.02	235.50	430	345	430
Unit 7	8.64	224.04	376	330	420
Total	42.07	861.10			2000
Paras					
Unit 3	4.99	139.73	241	189	220
Unit 4	4.85	130.30	225	191	220
Total	9.83	270.03			440
Khaparkheda					
Unit 1	3.64	107.98	170	140	180
Unit 2	3.93	99.88	175	140	180
Unit 3	4.33	106.02	198	170	190
Unit 4	4.22	116.02	183	168	190
Unit 5	9.79	279.96	507	375	500
Total	25.91	709.86			1240
Nasik					
Unit 3	4.02	72.81	175	155	190
Unit 4	4.29	103.54	190	170	190
Unit 5	4.30	107.44	195	170	190
Total	12.62	283.80			570
Uran					
All Units	7.30	176.20	326	287	320
Total	7.30	176.20			320
PENCH (MS)					
Pench (MS)	0.10	9.92	32	0	
Total	0.10	9.92			
Koyna					
Stage 1-2	1.33	93.87	145	40	450
Stage 4	0.12	179.47	113	0	250
Stage 3	0.33	58.40	142	0	320
Kovna 12&4 Total	1.45	273.34			700

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	1.78	331.74			1020
Hydro					
KDPH	0.45	13.98	19	18	19
VTRNA	0.00	0.00	0	0	0
TILLARI	0.38	10.73	64	0	63
BHTGR/VEER	0.00	1.24	0	0	0
BHIRA T.R.	0.30	3.54	40	0	40
RNGR+BHTSA	0.34	9.36	15	14	15
BHANDARDRA	0.82	7.38	35	34	34
ELDARY	0.00	5.34	0	0	0
SMLHY PTN	0.96	26.41	48	37	10
GHATGHAR	0.47	51.33	125	0	0
Total	3.71	129.30			181
Wind					
MalharPeth	0.31	5.48			
Vankuswadi	0.57	10.24			
ATIT	0.05	1.52			
Kale	0.07	3.29			
Satara	1.97	42.63			
Shirala	0.13	3.81			
K Mahankal	0.03	0.93			
Supa	0.16	2.79			
Vita	0.93	23.92			
Dondaicha	1.45	41.66			
Sakri	0.18	5.56			
Nandurbar	0.15	3.75			
Khandke	0.40	5.90			
Khaparale	0.56	5.68			
Total	6.96	157.15			
CPP					
JSW JAIGAD	17.99	512.40	792	709	795
WARDHA	4.06	73.77	178	135	200
Adani	30.00	797.13	1532	987	1851
Other CPPs	17.20	487.94			465
Total	69.24	1871.24			3311
SOLAR					
Total	1.02	27.31			
Total	1.02	27.31			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.20	278.41	502	314	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.75	76.02	115	114	120
Trombay 7B	1.60	43.39	67	66	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	1.93	98.73	248	0	447
Total	16.47	496.55			1127
REL					
1&2	10.27	314.87	522	388	500
Total	10.27	314.87			500
Cent Sect					
Share					5291
Total					5291
MS PG CL	Thermal	131.63	3332.37		5868
	Thml+Gas	138.93	3508.57		6188
	Hydro	5.49	461.04		1201
	Total	144.42	3969.61		7389
State Total		248.48	6080.56		17618

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/Feb/2014

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS														
1	5082	144	326	5552	94	2802	0	4415	4442	-724	-919	11971	7	11978	1802	13780	50.27
2	5048	144	326	5518	119	2835	0	4109	3750	-663	-745	11477	20	11497	1636	13133	50.25
3	5051	144	325	5520	68	2840	0	3822	3695	-592	-673	11450	20	11470	1557	13027	50.16
4	5095	144	326	5565	86	2855	0	3772	3676	-555	-626	11556	20	11576	1514	13090	50.09
5	5146	144	324	5614	68	2848	0	3919	3703	-542	-634	11599	20	11619	1520	13139	50.06
6	5187	257	324	5768	66	2859	0	4554	4504	-579	-727	12483	30	12513	1616	14129	50.12
7	5250	249	324	5823	66	2907	1	4682	4795	-585	-828	12783	93	12876	1719	14595	49.98
8	5535	233	325	6093	67	3136	11	4722	4745	-695	-798	13257	341	13598	1888	15486	50.07
9	5743	233	323	6299	51	3323	43	4750	4695	-741	-877	13534	389	13923	2143	16066	49.94
10	5889	473	318	6680	64	3165	111	4981	4999	-845	-979	14040	203	14243	2432	16675	49.99
11	5928	545	314	6787	82	3127	144	5265	5197	-1010	-1190	14147	175	14322	2613	16935	50.02
12	6014	392	292	6698	110	3067	179	5299	5302	-1044	-1209	14147	228	14375	2624	16999	50.05
13	5953	184	287	6424	198	3113	150	5270	5116	-1027	-1222	13779	193	13972	2588	16560	50.02
14	5954	184	287	6425	286	3027	120	5082	4710	-908	-1148	13420	149	13569	2434	16003	50.04
15	5629	219	288	6136	338	3109	105	5056	5245	-841	-1191	13742	55	13797	2445	16242	50.02
16	5536	278	288	6102	455	3014	75	4943	5127	-845	-1170	13603	39	13642	2425	16067	49.99
17	5514	184	287	5985	592	2828	59	4827	4487	-820	-1246	12707	43	12750	2410	15160	50.08
18	5435	145	287	5867	680	2598	23	4150	3213	-798	-1344	11060	30	11090	2377	13467	50.20
19	5451	210	288	5949	712	2669	0	3455	3337	-813	-1263	11436	28	11464	2341	13805	50.06
20	5453	284	288	6025	681	2689	0	3512	4023	-874	-1152	12273	38	12311	2423	14734	50.05
21	5461	249	288	5998	604	2647	0	3683	3711	-852	-1162	11798	38	11836	2337	14173	50.04
22	5430	156	289	5875	528	2536	0	3501	3556	-743	-1120	11375	38	11413	2228	13641	50.24
23	5417	151	288	5856	495	2682	0	3698	3358	-710	-1009	11382	29	11411	2004	13415	50.18
24	5429	146	287	5862	447	2567	0	3635	3178	-763	-918	11136	22	11158	1816	12974	50.44
MUs	131.6 3	5.49	7.30	144.42	6.96	69.24	1.02	105.10	102.56	-18.57	-24.15	300.16	2.25	302.40	50.89	353.30	50.10

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 # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 27/Feb/2014

Position as on 6.30 Hrs of 28/Feb/2014

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Koyna Unit 2	75	10/02/2014	12.10		Continued.	Pressure Shaft work	01/03/2014
Koyna Unit 1	75	10/02/2014	12.25		Continued.	Pressure Shaft work	01/03/2014
FORCED OUTAGE							
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	
Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
Uran Unit 8	108	03/01/2014	14.06		Continued.	Gas Shortage	
Tata Trombay 8	250	09/01/2014	22.54		Continued.	Emergency H/T,Fire at turbine track.	
Uran Unit B0	120	29/01/2014	17.50		Continued.	Gas Shortage.	
Uran Unit 7	108	29/01/2014	18.05		Continued.	Gas Shortage.	
CPP WPCL U-1	135	30/01/2014	12.45		Continued.	turbine vibration	
CPP WPCL U-2	135	18/02/2014	00.02		Continued.	Ash Conveying problem	
CPP JSW (J) U4	300	22/02/2014	19.30		Continued.	Non Schedule.	
Koradi Unit 5	200	23/02/2014	04.04		Continued.	ID Fan Problem.	
Bhusawal Unit 3	210	24/02/2014	18.30	27/02/2014	11.22	Economiser Tube Leakage	
Parli Unit 4	210	25/02/2014	21.06		Continued.	Water Shortage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2014

Position as on 6.30 Hrs of 28/Feb/2014

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	07/12/2013	10.15		Continued.	MUMBAI STRENGTHENING WORK
Mahalakshmi - Amona	27/02/2014	10.03	27/02/2014	18.29	Restranging of New Earth Shiled Wire.
Tillary-Amona	27/02/2014	10.10	27/02/2014	18.32	Restranging of New Earth Shiled Wire.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Talegaon PG- Aurangabad - II	25/02/2014	22.53		Continued.	Over Voltage
Kolhapur - Mapusa - I	26/02/2014	17.08	27/02/2014	08.50	Over Voltage.
Dhule-Sar'Sarovar - I	26/02/2014	22.36	27/02/2014	06.15	Over Voltage.
Kolhapur - Mapusa - I	27/02/2014	18.13		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	27/02/2014	21.06		Continued.	Over Voltage.
Voltage Level : 500KV			Outage Type TRIPPED		
765KV Akola II - Tiroda - I	26/02/2014	01.13		Continued.	Distance Protection
Voltage Level : 400KV			Outage Type TRIPPED		
Solapur-Solapur(PGCIL)	26/02/2014	19.39		Continued.	Distance Protection.
Karad - Solapur (PGCIL)	26/02/2014	19.54		Continued.	Distance Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Lonikand Ckt.I Main CB.at Lonikand II	22/02/2014	1032		Continued.	Repl.of CB under Jica II,line taken on TBC up to 27.02.14
Bus Coupler @ Bhusawal	25/02/2014	10.30		Continued.	For Replacement Of OLD MOCB Under Jaica-2 Outage.
Bus- I @ Nagothane	27/02/2014	08.41	27/02/2014	20.55	Replacement of R Ph Pantograph Isolator of A Bus of 80 MVAR Reactor.
80 MVAR Bus Reactor @ Nagothane	27/02/2014	10.11		Continued.	Replacement of R Ph Pantograph Isolator of A Bus of 80 MVAR Reactor.
400/220 KV 500 MVA ICT-I @ Deenagar	27/02/2014	11.16	27/02/2014	14.42	Maintenance Work.
400/220 KV 500 MVA ICT - II @ Jejuri	27/02/2014	11.45		Continued.	Teritory IPS Coating Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Pusad-Nanded	05/12/2013	06.03		Continued.	220KV Ghatodi S/S LILO Work.
Ghodbandar - Bhoisor (MSETCL)	07/12/2013	10.38		Continued.	MUMBAI STRENGTENING WORK
Borivali - Ghodbandar - II	05/02/2014	10.14		Continued.	Tower Erection of Loc.8 & M/C Stringing.
220/33 KV 100 MVA T/F - I at Aarey	25/02/2014	08.30		Continued.	A.M.work.
Panama - Pedambe	27/02/2014	08.15	27/02/2014	18.30	Replacement of Insulator.
220/132KV 100MVA ICT-II at Ranjangaon	27/02/2014	08.40	27/02/2014	16.58	Q.M.Work.
Mumewadi-Mudshingi	27/02/2014	09.05	27/02/2014	17.08	Replacement of Insulator.
Phursungi - Jejuri	27/02/2014	09.13	27/02/2014	16.00	Tan Delta of CT.
220/132KV,200MVA ICT-III at Girwali	27/02/2014	11.08	27/02/2014	15.54	Measurment of Tan Delta of CT.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Vita - Lamboti	27/02/2014	16.38	27/02/2014	19.54	Re Hot Spot Attending Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dabhol - Nagothane - I	05/02/2014	17.37		Continued.	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2014

Position as on 6.30 Hrs of 28/Feb/2014

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
New Koyna - Dabhol - I	06/02/2014	00.02		Continued.	Over Voltage.(RFC 20.35 Hrs on 16.02.14)
Karad-Kolhapur-II	26/02/2014	16.36	27/02/2014	08.05	Over Voltage.
Karad-Jaigad I	26/02/2014	17.03	27/02/2014	08.51	Over Voltage.
Bhusawal- Aurangabad	26/02/2014	18.10	27/02/2014	06.42	Over Voltage.
Karad - Kolhapur - II	27/02/2014	16.32		Continued.	Over Voltage.
Karad-Jaigad I	27/02/2014	16.43		Continued.	Over Voltage.
Bhusawal- Aurangabad	27/02/2014	17.09		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	27/02/2014	21.38		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	10/02/2014	19.10		Continued.	To avoid O/L Paras-Chikhali line
Babaleshwar - Alephata	27/02/2014	06.34		Continued.	To Control Bblsr Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane - II	27/02/2014	17.35	27/02/2014	19.27	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Talandge - Sawantwadi - II.	29/10/2013	17.30		Continued.	Dist Prot.
Khaperkheda-Purti	23/02/2014	15.46		Continued.	3Normal Towers Bend Near Tatol Due to Stormy Weather.
K'Kheda-Butobori III	23/02/2014	15.46		Continued.	3Normal Towers Bend Near Tatol Due to Stormy Weather.
Parly - Girwali - IV	26/02/2014	18.45	27/02/2014	16.24	Distance Protection Operated Z-I,Ckt Under Brekdown.
BombayDyeing - Sahara	27/02/2014	09.59	27/02/2014	10.40	Distance Protection Y ph E Fault.
Voltage Level : 132KV			Outage Type TRIPPED		
Kanhan - Mouda	23/02/2014	16.35		Continued.	Stormy Weather 1Tower bend near Tarsa Village.
Bhandara-Mouda	23/02/2014	16.35		Continued.	Stormy Weather 1Tower bend near Tarsa Village.
Padegaon - Paithan	26/02/2014	15.05		Continued.	Distance Protection Operated Zone-I.
Solapur - Naldurg	26/02/2014	19.40		Continued.	Distance Protection Operated Zone-I.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa - Vashi - I	27/02/2014	14.18	27/02/2014	16.17	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Feb/2014

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	150
Unit 7	210	170
	620	320
Bhusawal		
Unit 2	210	150
Unit 3	210	150
Unit 4	500	500
Unit 5	500	344
	1420	1144
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	160
Unit 6	250	187
Unit 7	250	187
	1130	534
Chandrapur		
Unit 1	210	140
Unit 2	210	150
Unit 3	210	150
Unit 4	210	200
Unit 5	500	350
Unit 6	500	350
Unit 7	500	350
	2340	1690
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	195
Unit 4	210	180
Unit 5	500	500
	1340	1235
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	290
	852	290
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	450
Stage 4	1000	250
Stage 3	320	320
	1920	1020
Hydro		
KDPH	40	19
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	64
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	14
BHANDARDRA	45	34
ELDARY	23	0
SMLHY PTN	12	12
GHATGHAR	250	0
	611	183
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		
JSW JAIGAD	1200	711
WARDHA	405	180
Adani	1980	1851
Other CPPs	300	465
	3885	3207
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1127
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5568
	3455	5568