



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Feb/2015

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Feb/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.672	363.156	1) Gujrat	4.414	6.989
2) Hydro	12.651	22.067	2) Madhya Pradesh	15.034	41.973
3) Gas	7.816	23.081	3) Chattisgarh	5.570	16.650
Total MSGENCO	136.139	408.304	4) Maharashtra Net	96.817	282.790
B) 1) JSW JAIGAD	17.176	59.329	(Incl. 765kV Solapur-Raichur)	-8.347	-21.737
2) WPCL	2.830	8.154	5) Goa	-6.282	-17.833
3) ADANI	42.190	126.660	6) TAPS 1&2 Injection	3.770	10.923
4) Other CPP / IPP	21.259	79.035	7) RGPPL Injection	0.000	0.000
5) Wind Generation	7.125	15.588	8) Pench (Excess)	-0.515	-1.406
6) PENCH (MS)	0.515	1.406	# Total Cent. Sector	118.808	340.086
7) SOLAR	0.961	3.305	F) Other Exchanges		
C) 1) TPCL Thermal	9.253	27.476	1) With TPCL (Excess)	-27.948	-79.499
2) TPCL Hydro	5.600	12.983	G) Bilateral Power *		
TOTAL TPCL	14.853	40.459	1) MSEDCL Bilateral	26.301	76.865
3) REL Thermal	5.769	16.910	Include PX	-0.265	1.354
D) STATE			2) MUMBAI Bilateral	24.720	63.331
1) Thermal (A1+C1+C3)	130.694	407.542	Include PX	5.624	13.799
2) Hydro (A2+B6+C2)	18.766	36.456	3) MUMBAI Schedule	24.720	63.331
3) Gas (A3)	7.816	23.081	H) ENERGY CATERED (MUs)		
4) Wind (B5)	7.125	15.588	1) MSEDCL	319.055	962.368
5) CPP/IPP (B1+B2+B3+B4)	83.455	273.178	2) TPCL	30.133	85.923
6) SOLAR (B7)	0.961	3.305	3) REL	18.435	50.944
TOTAL STATE	248.817	759.150	TOTAL STATE	367.623	1099.235

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 14 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4833	4980	4629
MSGENCO Hydro	965	624	124
MSGENCO Gas	313	307	325
MSGENCO Total Generation	6111	5911	5078
Central Sector Receipt	6739	5974	3423
WIND	211	246	369
CPP / IPP	3697	3664	3322
SOLAR	139	145	0
Exchange with Mumbai	-1466	-1347	-727
MSEDCL DEMAND MET	15454	14613	11487
Load Shedding	872	884	57
MSEDCL DEMAND	16326	15497	11544
TPCL GENERATION	818	778	351
R-INFRA GENERATION	255	259	195
TPCL+R-INFRA DEMAND	2539	2384	1273
STATE DEMAND MET	17993	16997	12760
STATE DEMAND	18865	17881	12817
Frequency (Hz)	50.02	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 18.01 Hrs	49.61 Hz at 10.13 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)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/Feb/2015

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	0
Unit 6	3.80	11.70	170	147	155
Unit 7	3.67	11.35	165	105	160
Total	7.48	23.05			315
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	10.64	31.72	505	360	343
Unit 5	1.06	1.06	255	0	0
Total	11.70	32.77			343
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.71	11.00	166	143	156
Unit 5	3.58	10.74	163	140	152
Unit 6	4.77	14.35	250	184	185
Unit 7	4.76	14.30	240	180	179
Total	16.83	50.39			672
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	2.87	8.76	126	107	130
Unit 3	4.15	13.19	190	129	210
Unit 4	0.00	7.06	0	0	0
Unit 5	10.00	29.47	450	361	450
Unit 6	9.23	28.07	415	357	430
Unit 7	9.18	29.43	455	318	450
Total	35.43	115.98			1670
Paras					
Unit 3	4.78	13.70	208	189	220
Unit 4	4.99	14.18	227	175	220
Total	9.77	27.88			440
Khaparkheda					
Unit 1	4.42	12.78	205	165	200
Unit 2	3.94	11.80	180	155	180
Unit 3	4.86	14.25	214	190	210
Unit 4	4.66	13.75	205	180	210
Unit 5	11.46	33.58	500	415	500
Total	29.33	86.16			1300
Nasik					
Unit 3	0.00	4.37	0	0	0
Unit 4	0.91	9.59	179	0	0
Unit 5	4.22	12.96	185	162	200
Total	5.13	26.92			200
Uran					
All Units	7.82	23.08	374	304	330
Total	7.82	23.08			330
PENCH (MS)					
Pench (MS)	0.52	1.41	24	20	
Total	0.52	1.41			
Koyna					
Stage 1-2	4.73	7.86	570	40	600
Stage 4	1.65	1.82	445	0	250
Stage 3	2.13	2.69	160	0	320
Kovna 12&4 Total	6.38	9.68			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	8.50	12.36			1170
Hydro					
KDPH	0.43	0.60	18	18	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.24	0.98	64	0	64
BHTGR/VEER	0.08	0.24	4	3	3
BHIRA T.R.	0.26	0.57	80	0	80
RNGR+BHTSA	0.37	1.02	16	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.30	0.90	13	12	12
SMLHY PTN	0.80	2.39	41	30	10
GHATGHAR	1.67	2.99	125	0	0
Total	4.15	9.70			184
Wind					
MalharPeth	0.16	0.29			
Vankuswadi	0.27	0.52			
ATIT	0.02	0.05			
Kale	0.16	0.25			
Satara	3.96	7.35			
Shirala	0.26	0.40			
K Mahankal	0.03	0.06			
Supa	0.02	0.11			
Vita	1.37	2.95			
Dondaicha	0.14	1.49			
Sakri	0.05	0.18			
Nandurbar	0.38	1.04			
Khandke	0.25	0.64			
Khaparale	0.05	0.24			
Total	7.12	15.59			
CPP					
JSW JAIGAD	17.18	59.33	889	503	816
WARDHA	2.83	8.15	121	113	118
Adani	42.19	126.66	1800	1680	1804
Other CPPs	21.26	79.04			745
Total	83.46	273.18			3483
SOLAR					
Total	0.96	3.30			
Total	0.96	3.30			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	0.00	0	0	0
Trombay 6	3.60	10.77	151	149	500
Trombay 7A	0.00	0.00	0	0	0
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.65	16.70	252	200	250
TATA Hydro	5.60	12.98	449	0	447
Total	14.85	40.46			1197
REL					
1&2	5.77	16.91	260	195	250
Total	5.77	16.91			250
Cent Sect					
Share					6184
Total					6184
MS PG CL	Thermal	115.67	363.16		4940
	Thml+Gas	123.49	386.24		5270
	Hydro	12.65	22.07		1354
	Total	136.14	408.30		6624
State Total		248.82	759.15		17738

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Feb/2015

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	4666	124	323	5113	423	3593	0	3493	3519	-712	-953	11718	113	11831	1497	13328	50.04
2	4633	119	324	5076	341	3563	0	3287	3393	-683	-821	11574	55	11629	1374	13003	50.02
3	4632	119	324	5075	350	3441	0	3119	3423	-661	-770	11541	57	11598	1316	12914	50.00
4	4629	124	325	5078	369	3322	0	3107	3423	-649	-727	11487	57	11544	1273	12817	50.03
5	4579	129	325	5033	359	3329	0	3159	3726	-653	-757	11710	59	11769	1304	13073	50.13
6	4438	250	326	5014	409	3432	0	3557	4395	-673	-886	12384	111	12495	1433	13928	50.05
7	4609	258	326	5193	486	3603	0	4430	5178	-650	-929	13553	203	13756	1652	15408	49.95
8	4815	740	330	5885	394	3670	8	4963	5723	-828	-879	14824	404	15228	1802	17030	49.93
9	4846	604	323	5773	376	3697	37	5404	5992	-1029	-983	14916	889	15805	2082	17887	49.91
10	4830	926	323	6079	280	3703	85	5722	6241	-1284	-1193	15219	685	15904	2299	18203	49.78
11	4786	1133	318	6237	209	3692	118	5948	6412	-1463	-1403	15289	750	16039	2502	18541	49.90
12	4833	965	313	6111	211	3697	139	6061	6739	-1512	-1466	15454	872	16326	2539	18865	50.02
13	4969	779	305	6053	266	3694	148	5687	5884	-1453	-1438	14630	1033	15663	2504	18167	49.99
14	4980	624	307	5911	246	3664	145	5418	5974	-1280	-1347	14613	884	15497	2384	17881	49.99
15	5034	768	304	6106	204	3392	126	5439	5954	-1295	-1322	14480	633	15113	2409	17522	49.97
16	4901	1238	311	6450	179	3432	86	5460	5805	-1310	-1304	14668	517	15185	2406	17591	49.89
17	4907	1136	313	6356	172	3412	52	5362	5952	-1293	-1331	14633	512	15145	2409	17554	49.91
18	4942	954	333	6229	184	3374	17	3986	4187	-1126	-1428	12586	681	13267	2401	15668	50.04
19	4907	480	336	5723	277	3379	0	4058	4343	-1234	-1405	12337	501	12838	2419	15257	49.98
20	5062	538	337	5937	294	3416	0	4800	4984	-1208	-1406	13245	140	13385	2427	15812	50.03
21	5144	222	337	5703	297	3261	0	4650	4750	-1034	-1393	12638	118	12756	2303	15059	50.05
22	5022	139	337	5498	280	3251	0	4220	4355	-999	-1411	11993	92	12085	2139	14224	50.08
23	4807	156	342	5305	242	3209	0	3869	4215	-902	-1287	11704	74	11778	1947	13725	49.99
24	4701	126	374	5201	277	3229	0	3955	4241	-788	-1109	11859	74	11933	1749	13682	50.08
MUs	115.67	12.65	7.82	136.14	7.12	83.46	0.96	109.15	118.81	-24.72	-27.95	319.06	9.51	328.57	48.57	377.14	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 # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/Feb/2015

Position as on 6.30 Hrs of 04/Feb/2015

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	
Cent_Sect Tarapur 1	160	12/10/2014	22.39		Continued.	Refuelling work.(60Days)	
Hydro GhatgharU2	125	23/12/2014	08.30		Continued.	Annual Overhaul	
Tata Trombay 5	500	03/01/2015	20.30		Continued.	Annual Maintenance	
Bhusawal Unit 3	210	20/01/2015	08.02		Continued.	Annual Overhaul	10/02/2015
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	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
CPP WPCL U-2	135	18/02/2014	00.02		Continued.	Ash Conveying problem	
CPP Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem. (U-1).	
Koradi Unit 5	200	17/06/2014	11.53		Continued.	economic shutdown	
Chandrapur Unit 1	210	28/08/2014	07.15		Continued.	economic shutdown	
Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP WPCL U-1	135	30/10/2014	00.43		Continued.	ESP Bag Filter Damaged	
Tata Trombay 7B	60	11/12/2014	20.39		Continued.	Rotor Fault.	25/02/2015
Tata Trombay 7A	120	11/12/2014	21.51		Continued.	Rotor Fault.	25/02/2015
REL 2	250	04/01/2015	01.55		Continued.	Stator E/F.	
CPP Adani U-4	660	04/01/2015	03.24		Continued.	MOV Leakage	
Bhusawal Unit 5	500	25/01/2015	13.50	03/02/2015	18.03	Boiler Tube Leakage	
CPP WPCL U-4	135	25/01/2015	22.27		Continued.	ID Fan problem	
Uran Unit 8	108	26/01/2015	12.22		Continued.	Gas Shortage	
CPP IPL U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
Uran Unit 5	108	01/02/2015	00.08		Continued.	Gas Shortage	
Chandrapur Unit 4	210	02/02/2015	22.17		Continued.	Main Steam Valve Leakage	
Cent_Sect TARAPUR-4	540	03/02/2015	06.30	04/02/2015	05.51	Turbine Bearing Problem.	
CPP JSW (J) U1	300	03/02/2015	14:20		Continued.	P.A Fan Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/Feb/2015

Position as on 6.30 Hrs of 04/Feb/2015

Name of Generating Unit	Capacity	Tripped Date	Trippe d Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP JSW (J) U3	300	03/02/2015	21.27		Continued.	Due to Unavailability of Load..	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2015

Position as on 6.30 Hrs of 04/Feb/2015

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	21/11/2014	14.51		Continued.	Mumbai Strengthening work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	02/02/2015	16.36	03/02/2015	07.06	Over Voltage
Dhule-Sar'Sarovar - I	02/02/2015	20.32	03/02/2015	06.16	Over Voltage
Kolhapur - Mapusa - I	03/02/2015	16.57	04/02/2015	06.40	Over Voltage.
Dhule-Sar'Sarovar - II	03/02/2015	18.11	04/02/2015	06.24	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	03/02/2015	18.21	04/02/2015	06.46	Over Voltage.
Kolhapur-Mapusa-II	04/02/2015	16.44		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	04/02/2015	20.07		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	04/02/2015	21.39		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Nasik-Navsari -II	03/02/2015	13.55	03/02/2015	15.11	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane - II	31/01/2015	03.10		Continued.	Over Voltage(RFC 20.45Hrs)
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari -II	04/02/2015	13.27	04/02/2015	17.03	Transient Fault.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT- I @ Chandrapur	03/02/2015	08.24		Continued.	Replacement of LV Bushing.
Padgha - Nagothane- II	03/02/2015	10.02	03/02/2015	15.01	A/R Non Auto Mode.
400/220,315 MVA ICT-I at Lamboti	04/02/2015	09.04	04/02/2015	18.34	C & Tan Delta.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Ghodbandar - Bhoisor (MSETCL)	25/11/2014	11.36		Continued.	Erection & Stringing Work.
TBC @ 400 KV Parli-II	07/01/2015	15.48		Continued.	Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R.
Karad-Kadegaon	03/02/2015	09.06	03/02/2015	17.38	Replacement of Disc Insulator String.
220 KV Bus Coupler @ Borivali	03/02/2015	09.32	03/02/2015	12.39	For Isolator Work.
Murud-Tuljapur	03/02/2015	10.23	03/02/2015	14.39	89A Isolator Maint.Work.
220 KV TBC @ Nagothane	03/02/2015	10.42	03/02/2015	16.21	Maint.& Testig Work.
Gorai - Borivali - II	03/02/2015	13.12	03/02/2015	17.41	For Isolator Maint.
Mahad-Pasco	03/02/2015	13.20	03/02/2015	20.15	Diagnostic Testing.
220/132KV 200 MVA ICT I at Chalisgaon	03/02/2015	18.33	03/02/2015	20.26	Attending Red Hot @ LV Side of B Ph.
Borivali-Ghodbandar	04/02/2015	08.15	04/02/2015	11.52	R Ph Wave Trap Red Hot Nut Bolt Replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV 500MVA ICT-II at Warora	16/01/2015	10.43		Continued.	CTR problem.
Bableshwar-Taptitanda II	28/01/2015	19.24		Continued.	Over Voltage.
Karad-Jaigad II	02/02/2015	16.33	03/02/2015	08.21	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2015

Position as on 6.30 Hrs of 04/Feb/2015

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad-Kolhapur-II	02/02/2015	16.41	03/02/2015	09.36	Over Voltage
Bhusawal- Aurangabad	02/02/2015	17.04	04/02/2015	06.01	Over Voltage
Lonikand- Koyna Stage IV	02/02/2015	21.49	03/02/2015	06.12	Over Voltage
Karad-Kolhapur-II	03/02/2015	16.48	04/02/2015	07.42	Over Voltage.
Karad-Jaigad I	03/02/2015	17.05	04/02/2015	10.46	Over Voltage.
Lonikand- Koyna Stage IV	04/02/2015	03.36	04/02/2015	07.22	Over Voltage.
Karad-Jaigad I	04/02/2015	16.35		Continued.	Over Voltage.
Bhusawal- Aurangabad	04/02/2015	17.35		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Nasik-Padgha	04/02/2015	09.00	04/02/2015	17.20	To Control ICT Loading @ Bblr.
Nasik - Airoli - Knowledge Park	04/02/2015	14.14	04/02/2015	17.17	To Control ICT Loading @ Bblr.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol - New Koyna - I	25/01/2015	18.00		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/110KV 200MVA ICT-III at Borivali	21/09/2014	09.16		Continued.	monkey fault
220/132KV 100 MVA,ICT-I at Jeur	31/12/2014	21.28		Continued.	Diff.Prot.Optd.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Feb/2015

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	145
Unit 7	210	120
	620	265
Bhusawal		
Unit 2	210	0
Unit 3	210	0
Unit 4	500	370
Unit 5	500	340
	1420	710
Parli		
Unit 3	210	0
Unit 4	210	150
Unit 5	210	150
Unit 6	250	185
Unit 7	250	185
	1130	670
Chandrapur		
Unit 1	210	0
Unit 2	210	130
Unit 3	210	200
Unit 4	210	0
Unit 5	500	450
Unit 6	500	430
Unit 7	500	450
	2340	1660
Paras		
Unit 3	250	220
Unit 4	250	220
	500	440
Khaparkheda		
Unit 1	210	200
Unit 2	210	180
Unit 3	210	210
Unit 4	210	210
Unit 5	500	500
	1340	1300
Nasik		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	200
	630	200
Uran		
All Units	852	475
	852	475
PENCH (MS)		
Pench (MS)	53	0
	53	0
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	64
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	13
SMLHY PTN	12	12
GHATGHAR	250	0
	611	185
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	792
WARDHA	405	118
Adani	2640	1804
Other CPPs	300	745
	4545	3459
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	0
Trombay 7B	60	0
Trombay 8	250	250
TATA Hydro	444	447
	2024	1197
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3455	6220
	3455	6220

	21940	8 of 8 18201
--	--------------	---------------------