MONITORING REPORT

Monitoring period
01.07.2004 to 31.03.2007
(both days included).

Project 0865: 26 MW Biomass (Cogeneration) based power generation project activity.

Project Site:
Koppa (V), Maddur Taluk,
MANDYA,
Karnataka, India

Version 1

SCM Sugars Limited
3-5-821, Flat No. 104, Doshi Square,
Hyderguda, Hyderabad – 500 029.
Andhra Pradesh, India.
e- Mail: ramakoti_k@rediffmail.com

Date :- 19-09-2007

Current Status of the Project

Project 0865: 26 MW Biomass (Cogeneration) based power generation project activity at Koppa Village, Maddur Taluk, Mandya Dist., Karnataka, India, has been commissioned and is operational since 30.06.2004. First synchronization of the Project with 66 KV sub station at – Koppa, Mandya Dist was performed on 30-06-2004 after trial operations obtaining permission for commercial operations. The crediting period started from 01.07.2004. Plant exported **355765410** kWh to KPTCL grid and consumed **825390** MT of biomass fuel and **7588 MT** of coal since beginning of the operations till 31st March 2007.

The list of vendors who supplied major equipments in the Plant is given below.

S. No	Equipment	Supplier
1	Boiler	ISJEC JOHN THOMSON
2	Turbo-Generator Set	BHEL
3	Plant Auxiliaries	
	DM Plant	Ion exchange
	Cooling Tower	Paharpur cooling towers.
	ID, SA &FD Fans	Flankt woods
	ESP	Alstom India ltd
	Electrical Panels	Siemens,Alstom
4	Fuel Handling System	Methods India ltd

The brief information about the plant is as given below:

Sl. No	Parameters	Values
1	Average crushing per day	3850 tonnes
2	Season	340 days
3	Off season	25 days
4	Internal Auxiliary consumption (auxiliary consumption + Sugar plant consumption)	17%

Plant obtained term loan from Canara Bank and Promoters Equity.

Statement to what extent the Project has been implemented as planned

The Project has been completed as planned and described in the Project Design Document (PDD).

The Plant is in operation continuously (with outages – forced & planned) from commencement. The Plant is using renewable Biomass fuels like Bagasse, sugarcane thrash, coconut fronds, wood waste etc and supplementary fuel like coal (less than the permitted quantity). In addition, plant also uses small quantity of diesel very occasionally for power generation using DG set to meet emergency power requirement during complete black out and also for internal vehicles for fuel transfer.

The Plant had suffered major outages as detailed below:

Year	**Running Hrs**	**Planned Outages**		**Forced Outages**	
		Hrs	Weeks	Hrs	Weeks
2004-05	6004.75	377.25	2.24	193.52	1.15
2005-06	8168.73	403.4	2.4	185.74	1.1
2006-07	7762.57	799.39	4.75	198.04	1.18

Monitoring Period

The Monitoring period is chosen from 01.07.2004 to 31.03.2007 (both days included).

Sustainability – Economic and Social well being

The Company has spent around INR Rs 740.7 million during the monitoring period towards fuel usage in the Plant. Procurement of biomass fuel from local farmers and biomass suppliers has generated additional income and improved economic condition of the community.

This has also resulted in local employment generation. Plant has generated employment opportunities directly / indirectly to more than 300 people.

As a part of social responsibility, Plant has been contributing to social infrastructure by way of employing local people for the Plant operations and also paying significant amount as tax for Sales Tax, water charges to Irrigation Department, and for the local Panchayat.

As this project is coming under green field co-generation based power project, this project activity used the approved methodology ACM0006, version 4 dated:7th November 2006, scope 1, titled "Consolidated methodology for generation from biomass residues" to prepare project design document. In ACM0006, Scenario 4 has been used for this project activity. As per scenario 4, in the absence of the project activity,

- Power would have generated by the reference plant (installation of low electrical energy efficiency boiler and turbine) and partly from grid.
- Same type and quantity of biomass being used in the reference plant
- Heat would have been generated by the lower efficiency boiler but the specific heat generation per tonne of biomass would have been higher in the reference plant compared to the project plant.

Parameters being monitored according to Monitoring Plan

Data collected in order to monitor emissions from the project activity								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c) or estimated (e)**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
1. $BFi_{,,y}$	Quantity of biomass type i combusted in the project plant during the year y	SCMSL	mass or volume unit	m	Continuously, prepare annually an energy balance	100%	Electronic and Paper	As the biomass is transported to the project site corresponding CO_2 emissions are calculated. Also the quantity of biomass combusted is collected separately for all types of biomass
2. NCV_i	Net calorific value of biomass type i	SCMSL	MWH/ton	M	Annually	Sample	Paper	The net energy efficiency of biomass used is calculated which determines all

Data collected in order to monitor emissions from the project activity								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c) or estimated (e)**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
								types of biomass used in the project plant
3. AVDy	Average return trip distance between coal / bagasse supply sites and the project site	SCMSL	Km	m	Continuously	100%	Paper	It corresponds to the mean value of km travelled by trucks that supply coal /bagasse to the plant as the biomass is supplied from different sites.
4. Ny	Number of truck trips for the transportation of biomass residues	SCMSL	-	M	Continuously	100%	Paper	The number of truck trips are calculated as monitored by the Project Participants

Data collected in order to monitor emissions from the project activity								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c) or estimated (e)**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
5. TLy	Average truck load of the trucks used for transportation of coal / bagasse	SCMSL	mass unit or volume unit	m	Regularly	Once in 3 months	Paper	The average truck load TLy as well as this parameter is monitored by the Project Participants.
6. $EF_{km, CO2}$	Average CO_2 emission factor for transportation of coal /bagasse with trucks	IPCC	t CO_2/km	c	Annually	Once a year	Paper	Local data along with default values from the IPCC are being used alternatively and chosen in a conservative manner.

Data collected in order to monitor emissions from the project activity								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c) or estimated (e)**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
7. $F_{Trans,i,y}$	Fuel consumption of fuel type i used for transportation of coal/bagasse	SCMSL	mass or volume unit	m	Continuously	100%	Paper	This is estimated based on the distance traveled and average fuel economy of trucks used.
8. $FF_{project\ plant\ i,y}$	Onsite fossil fuel type 'i' for co-firing in the project plant	SCMSL	Mass or volume unit	M	Continuously	100%	electronic	-
9. $COEF_{CO2,\ i}$	CO_2 emission factor for fuel type i	IPCC	tCO_2/mass or volume unit	m or c	Annually	100%	Electronic	Local values are used to calculate the emission factor of each kind of fuel used

Data for determining the baseline of anthropogenic emissions by sources of GHGs within the project boundary and how it is achieved								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c), estimated (e),**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
1.$EG_{project\ plant,y}$	Net quantity of electricity generated in the captive power plant during the year y	SCMSL	MWh	M	Continuously	100%	Electronic	The net quantity of increased electricity generation as a result of the project activity is calculated as per the formulae provided in the methodology ACM0006.
2. EFy	CO_2 emission factor of the grid	SCMSL/ Southern grid	tCO_2/ MWh	C	Yearly	100%	Paper	Reference to ACM0002. Calculated as weighted sum of OM and BM emission factors
3. $EF_{OM,y}$	CO_2 operating margin emission factor of the grid	-	t CO_2/ MWh	C	Yearly	100%	Paper	Reference to ACM0002 Calculated as indicated in the relevant OM baseline method above

Data for determining the baseline of anthropogenic emissions by sources of GHGs within the project boundary and how it is achieved								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c), estimated (e),**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
4. $EF_{BM,y}$	CO_2 build margin emission factor of the grid	-	t CO_2/ MWh	C	Yearly	100%	Paper	Reference to ACM0002 Calculated over recently built power plants defined in the baseline methodology
5. Fi,j,y	Amount of fossil fuel i, consumed by each power source/ plant j in year y	Southern grid	Tons	M	Yearly	100%	Paper	Reference to ACM0002 Obtained from power producers, dispatch centres or latest local statistics
6. COEFi,	CO_2 emission factor of each fuel type i,	Southern grid	tCO_2 / ton of fuel	M	Yearly	100%	Paper	Reference to ACM0002 Plant or country specific values to calculate COEF are preferred to IPCC default values

Data for determining the baseline of anthropogenic emissions by sources of GHGs within the project boundary and how it is achieved								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c), estimated (e),**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
7. GENj/k/n,,y	Electricity generation of each power source / plant j, k or n	Southern grid	MWh/ annum	M	Yearly	100%	Paper	Reference to ACM0002 Obtained from power producers, dispatch centres or latest local statistics
8. $Q_{project\ plant,\ y}$	Net quantity of heat generated from firing biomass residues in the project plant	SCMSL	MWh	M	Continuously	100%	Electronic and paper	The net heat generation is calculated and condensate return is subtracted from it as the project is relevant to cogeneration project activity.
9. Plant name	Identification of power source / plant for the OM	Southern grid	-	e	yearly	100% of set of plants	electronic	Reference: ACM0002. Identification of plants (j, k, or n) to calculate Operating Margin emission factors

Data for determining the baseline of anthropogenic emissions by sources of GHGs within the project boundary and how it is achieved								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c), estimated (e),**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
10. Plant name	Identification of power source / plant for the BM	Southern grid	-	e	yearly	100% of set of plants	electronic	Reference: ACM0002 Identification of plants (m) to calculate Build Margin emission Factors
11a. GENj/k/ll,y *IMPORTS*	Electricity imports to the project electricity system	Southern grid	kWh	c	yearly	100%	electronic	Obtained from the latest local statistics.
11b. COEFi,j y IMPORTS	CO_2 emission coefficient of fuels used in connected electricity systems (if imports occur)	Southern grid	tCO_2 / mass or volume unit	c	yearly	100%	electronic	Obtained from CEA.

Data for determining the baseline of anthropogenic emissions by sources of GHGs within the project boundary and how it is achieved								
ID number	**Data variable**	**Source of data**	**Data unit**	**Measured (m), calculated (c), estimated (e),**	**Recording Frequency**	**Proportion of data to be monitored**	**How will the data be archived? (electronic/ paper)**	**Comment**
12. BFk,y	Quantity of Biomass residue type *k* combusted in the project plant during the year *y*	SCMSL	Mass or volume unit	M	Continuously. Prepare annually an Energy balance	100%	Paper/electronic	The quantity of bagasse combusted is monitored and recorded on continuous basis.
13.NCVi	Net calorific value of biomass or fossil fuel type i	SCMSL	MWh /mass or volume unit	m or c	Annually	100%	Paper/electronic	The net calorific value is determined for bagasse in the plant laboratory as per the standard procedures to calculate the same.

Heat generated in the project activity

The baseline emission due to heat generation has not been considered for the project activity as the thermal efficiency of the project plant is higher than the thermal efficiency of the reference plant. The key parameter for calculating the MWh_{th} is Steam to Fuel Ratio. This parameter is being continuously monitored and per day heat generation is being calculated continuously.

The sample calculation for finding out the efficiency of heat generation is given below:

Efficiency calculation of Project Plant:

Steam to fuel ratio (SFR)	2.43	kg/kg of Bagasse
Enthalpy of steam @ 87 kg and 515 C	3427.3	kJ/kg of steam
Feed Water inlet temp	105	C
Enthalpy of feed water	439.6	kJ/kg of steam
Actual Inlet enthalpy	2987.6	kJ/kg of steam
	713.55	kCal/kg of steam
In terms of kWh thermal	0.829	kWh_{th}/kg of steam
NCV of Bagasse	2272	kCal/kg of Bagasse
	2.642	$kWh_{biomass}$/kg of Bagasse
As per SFR	2.016	kWh_{th}/kg of Bagasse
Efficiency	0.7632	kWh_{th}/kWh of Biomass

Efficiency of reference plant:

Steam to fuel ratio (SFR)	2.079	kg/kg of Bagasse
Enthalpy of steam @ 45 kg and 380 C	3154.8	kJ/kg of steam
Feed Water inlet temp	105	C
Enthalpy of feed water	439.64	kJ/kg of steam
Actual Inlet enthalpy	2715.17	kJ/kg of steam
	648.48	kCal/kg of steam
In terms of kWh thermal	0.754	kWh_{th}/kg of steam
NCV of Bagasse	2272	kCal/kg of Bagasse
	2.642	$kWh_{biomass}$/kg of Bagasse
As per SFR	1.568	kWh_{th}/kg of Bagasse
Efficiency	0.5934	kWh_{th}/kWh of Biomass

From the above calculation, it is observed that the efficiency of the project plant is higher than the efficiency of the reference plant. Therefore the emissions due to heat generation have not been considered for emission reduction calculation.

As mentioned in the ACM0006 methodology version 3,
If, the thermal efficiency of the project plant < thermal efficiency of the reference plant,
the additional heat that is being generated due to excess biomass burning in the project plant has to be considered for emission reductions. Otherwise on conservative basis, emission reduction due to heat generation can be considered as zero.
As the thermal efficiency of the project plant is higher than the efficiency of the reference plant, $ER_{heat,y}$ is considered as zero.

Power Generation, Export & Fuel Consumption

Month-wise data on Power Generation, export, import and fuel consumption is given below for the monitoring period:

Month	Year	Electricity Generated, kWh	Electricity Exported, kWh	Electricity Imported, kWh	Auxiliary Consumption (inclusive of sugar plant consumption), kWh	Total Biomass combusted - MTs.	Total Raw Material combusted , MT	Coal Used, MT	Diesel consumption , lit
July	2004	11243000	9139320	127800	1554770	15885	16309	424	395
August	2004	14028000	11730330	73800	2371470	20051	20295	244	1050
September	2004	12700000	10634040	50400	2116360	20024	20163	139	3060
October	2004	14878000	12242880	28800	2663920	22542	22778	236	1155
November	2004	14802000	12417390	5400	2390010	21855	22099	244	235
December	2004	12404000	9853200	0	2550800	19301	19513	212	140
Total		80055000	66017160	286200	13647330	119658	121157	1499	6035
January	2005	14199000	11530260	39600	2708340	23079	23188	109	2260
February	2005	13637000	11042370	16200	2610830	24018	24240	222	360
March	2005	13546000	11209500	18000	2354500	21974	22357	383	990
April	2005	8172000	6847200	72000	1396800	11901	12292	391	1710
May	2005	14696000	12739950	27000	1983050	20383	20938	555	410
June	2005	12469000	10920510	48600	1597090	17208	17629	421	2390
July	2005	16246000	14147730	1800	2100070	22390	22926	536	180
August	2005	15715000	12647250	9000	3076750	29012	29118	106	110
September	2005	14710000	11722950	27000	3014050	26663	26733	70	290
October	2005	15330000	12638700	18000	2709300	26145	26332	187	250
November	2005	12035000	9360000	0	2675000	23414	23434	20	120

Month	Year	Electricity Generated, kWh	Electricity Exported, kWh	Electricity Imported, kWh	Auxiliary Consumption (inclusive of sugar plant consumption), kWh	Total Biomass combusted - MTs.	Total Raw Material combusted , MT	Coal Used, MT	Diesel consumption , lit
December	2005	12343000	9568350	27000	2801650	23560	23560	0	100
Total		163098000	134374770	304200	29027430	269747	272747	3000	9170
January	2006	13001000	9673200	0	3327800	27717	27797	80	110
February	2006	11961000	8733330	1800	3229470	28078	28128	50	190
March	2006	13021000	9652770	16200	3384430	28157	28157	0	140
April	2006	15291000	12448170	16200	2859030	30070	30222	152	570
May	2006	6610000	5744250	189000	1054750	9513	9726	213	710
June	2006	15909000	14330700	18000	1596300	20751	21360	609	800
July	2006	11203000	9872730	109800	1440070	14983	15393	410	290
August	2006	15127000	11333970	16200	3809230	29209	29277	68	180
September	2006	14340000	10334340	32400	4038060	34593	34608	15	175
October	2006	14252000	10284390	41400	4009010	37172	37172	0	340
November	2006	14038000	9991260	3600	4050340	36376	36376	0	105
December	2006	15161000	11015190	5400	4151210	36281	36871	590	110
Total		159914000	123414300	450000	36949700	332900	335087	2187	3720
January	2007	14514000	10427760	21600	4107840	36689	36998	309	90
February	2007	14024000	10230660	3600	3793340	33112	33405	293	100
March	2007	15231000	11300760	21600	3930240	34297	34597	300	970
Total		43769000	31959180	46800	11831420	103085	105000	902	1160
Grand Total		446836000	355765410	1087200	91455880	825390	833991	7588	20085

Emission Reductions

The emission reductions per year during the chosen monitoring period are as given below:

Emission reductions are calculated based on the power exported to the grid, power imported from the grid during shut down and start up, coal and diesel consumed in the plant from [**start date 01.07.2004**] to [**end of monitoring period date 31.03.2007**] .

Baseline and project emissions are calculated as per the formulas mentioned in Section E of the PDD.

- Baseline emissions are calculated as per the formula given below:

  In the absence of the project activity, the project proponent would have considered a lower efficiency boiler (reference plant) for generation of electricity using the same quantity of biomass which would have been used in the project activity. The efficiency of the reference plant is calculated as follows:

  Reference Plant efficiency = {[1/Specific Steam Consumption (kg/kWh) x Steam to Fuel Ratio (kg/kg of bagasse)] x 860 (conversion factor for Kcal to kWh)} / 2272 (Calorific Value of Bagasse)

  Electricity Generation by Reference Plant = [Fuel Quantity Used (MT/year) x Calorific Value of Bagasse (GJ/Ton)] / 3.6

  Net Electricity Exported to Grid = Electricity Generation by Project Activity (kWh) – Electricity Generation by Reference Plant (kWh)
  (Or)
  = Units exported by project plant - Units exported by reference plant.

  Baseline emissions = Electricity exported to the grid (kWh) x Grid emission factor (tCO_2/kWh)

- Project Emissions due to usage of coal are calculated as per the formula given below:

  Emissions due to coal = (Coal used in Mt X (Carbon content in % / 100)) x 44/12

  Project Emissions due to electricity import and usage of diesel in the plant for emergency purpose and for fuel handling vehicles are included as per the verifier suggestions.

- Leakage due to transportation of bagasse by road due to burning of fossil fuel is calculated as per the formula given below:

Leakage = [Quantity of Bagasse (MT) / Average Truck Load (MT)] x Average Round Trip Distance (km) x Emission Factor (tCO_2/km)

- Net Emission Reductions = Baseline Emissions – Project Emissions – Leakage

The emission reduction calculation is given below:

Sl. No	Parameters	July 04 – Dec 04	Jan 05 – Dec 05	Jan 06 – Dec 06	Jan 07 – Dec 07	Total
1	Net electricity exported in project plant in MWh per annum	66017	134375	123414	31959	356442
2	Net electricity that would have been exported in the reference plant in MWh per annum	37316	76972	81661	22011	217960
3	Net electricity for Baseline calculation MWh per annum (1-2)	28702	57403	41753	9948	138482
4	Emission factor in tCO_2/MWh	0.845	0.845	0.845	0.845	0.845
5	Baseline emissions in tones/year (3 X 4)	24253	48506	35281	8406	117018
6	Project emission due to coal burning tones/year	3408	6820	4972	2051	17251
7	Project emission due to diesel consumption in Tones/year	16	25	10	3	54
8	Emission due to leakage in Tones/year	388.9	248	97	0	734
9	Net emission reduction in tones per year (4-5-6-7-8)	20051	41165	30106	6352	97674
Net emission reductions				**97674**		

The detailed calculations are enclosed in Annexure – I.

Measures to ensure the Results / uncertainty analysis

As per the Power Purchase Agreement (PPA), the energy exported to the KPTCL Grid is recorded from two independent meters viz., Main Meter and Check Meter and reading of main meter is used for billing. In the event of main meter not in operation / fails, the reading of the check meter shall be used for Billing.

The calibration of monitoring equipment is being maintained as per the requirement of KPTCL. Power Generation, Export & Auxiliary Consumption, fuel consumption are being recorded daily and the same is being verified by Manager (O&M) and approved by General Manager.

Roles & Responsibilities

A CDM team has been formed in **SCM SUGARS LIMITED** for monitoring and verification of all the monitoring parameters as per the guidelines formulated by the management of **SCM SUGARS LIMITED**. Qualified and trained people monitor the parameters and emission reduction calculations. In the complete implementation and monitoring Plan, **SCM SUGARS LIMITED** is the sole agency responsible for implementation and monitoring.

CDM team member names :

1. Mr. Ramakoteswara Rao, Executive Director
2. Mr. Basavaih, Chief Executive
3. Mr. Dharamlingam, Sr. Manager (Cogen),
4. Mr. R M Sudhakar, Dy Manager

Annexure – I

CER Calculation Sheet

Month	Year	Total Biomass - MTs.	Raw Material Total, MT	Project plant				Reference plant			Net units exported to the grid	Emission factor considered, t CO_2/MWh	Baseline Emissions, tCo2e	Coal Used, MT	Project Emissions, tCO2e			NETT EMISSION REDUCTIONS, tCo2e
				Generation	Auxiliary consumption	Units exported	MWh	Generation	Auxiliary consumption	MWh					Due to consumption of Diesel	Due to consumption of Coal	Total	
July	2004	15885	16309	11243000	1554770	9139320	9816	6,798	1,427	5,371	4,445	0.845	3,756	424	1.07	963.89	1072.94	2211
August	2004	20051	20295	14028000	2371470	11730330	11730	7,583	1,282	6,301	5,429	0.845	4,588	244	2.84	554.69	619.87	4007
September	2004	20024	20163	12700000	2116360	10634040	10634	7,953	1,325	6,628	4,006	0.845	3,385	139	8.27	315.99	366.77	3060
October	2004	22542	22778	14878000	2663920	12242880	12243	8,594	1,539	7,056	5,187	0.845	4,383	236	3.12	536.51	563.93	3513
November	2004	21855	22099	14802000	2390010	12417390	12417	7,878	1,272	6,606	5,812	0.845	4,911	244	0.64	554.69	559.89	4330
December	2004	19301	19513	12404000	2550800	9853200	9853	6,741	1,386	5,354	4,499	0.845	3,801	212	0.38	481.95	482.32	3318
Total		**119658**	**121157**	**80055000**	**13647330**	**66017160**	**66694**	**45547**	**8231**	**37,316**	**29,378**	**0.845**	**24,825**	**1499**	**16.00**	**3408.00**	**3665.72**	**20381**
January	2005	23079	23188	14199000	2708340	11530260	11530	7861	2,669	5,192	6,338	0.845	5,356	109	6.11	247.79	287.31	5098
February	2005	24018	24240	13637000	2610830	11042370	11042	8108	1,552	6,556	4,487	0.845	3,791	222	0.97	504.68	519.33	3266
March	2005	21974	22357	13546000	2354500	11209500	11210	7814	1,358	6,456	4,754	0.845	4,017	383	2.68	870.69	888.55	3114
April	2005	11901	12292	8172000	1396800	6847200	6847	4610	788	3,822	3,025	0.845	2,556	391	4.62	888.87	954.29	1637
May	2005	20383	20938	14696000	1983050	12739950	12740	7878	1,063	6,815	5,925	0.845	5,007	555	1.11	1261.70	1285.61	3700
June	2005	17208	17629	12469000	1597090	10920510	10921	6805	872	5,934	4,987	0.845	4,214	421	6.46	957.07	1004.54	3219
July	2005	22390	22926	16246000	2100070	14147730	14148	8471	1,095	7,376	6,771	0.845	5,722	536	0.49	1218.51	1220.51	4448
August	2005	29012	29118	15715000	3076750	12647250	12647	9823	1,923	7,900	4,747	0.845	4,011	106	0.30	240.97	248.87	3756
September	2005	26663	26733	14710000	3014050	11722950	11723	8977	1,839	7,138	4,585	0.845	3,875	70	0.78	159.13	182.72	3709
October	2005	26145	26332	15330000	2709300	12638700	12639	9094	1,607	7,486	5,152	0.845	4,354	187	0.68	425.11	440.99	3915
November	2005	23414	23434	12035000	2675000	9360000	9360	7934	1,763	6,170	3,190	0.845	2,695	20	0.32	45.47	45.79	2646
December	2005	23560	23560	12343000	2801650	9568350	9568	7926	1,799	6,127	3,442	0.845	2,908	0	0.27	0.00	23.08	2906
Total		**269747**	**272747**	**163098000**	**29027430**	**134374770**	**134375**	**95301**	**18,329**	**76,972**	**57,403**	**0.845**	**48,506**	**3000**	**25.00**	**6820.00**	**7101.60**	**41165**
January	2006	27717	27797	13001000	3327800	9673200	9673	9201	3,328	5,873	3,800	0.845	3,211	80	0.30	181.87	182.16	3029

February	2006	28078	28128	11961000	3229470	8733330	8733	9185	2,480	6,705	2,029	0.845	1,714	50	0.51	113.67	115.70	1600
March	2006	28157	28157	13021000	3384430	9652770	9653	9387	2,440	6,947	2,706	0.845	2,286	0	0.38	0.00	14.06	2286
April	2006	30070	30222	15291000	2859030	12448170	12448	10071	1,883	8,188	4,260	0.845	3,600	152	1.54	345.55	360.76	3253
May	2006	9513	9726	6610000	1054750	5744250	5744	3522	562	2,960	2,784	0.845	2,352	213	1.92	484.22	645.83	1853
June	2006	20751	21360	15909000	1596300	14330700	14331	8233	826	7,407	6,924	0.845	5,851	609	2.16	1384.46	1401.81	4423
July	2006	14983	15393	11203000	1440070	9872730	9873	5594	719	4,875	4,998	0.845	4,223	410	0.78	932.07	1025.62	3249
August	2006	29209	29277	15127000	3809230	11333970	11334	9434	2,376	7,059	4,275	0.845	3,613	68	0.49	154.59	168.76	3458
September	2006	34593	34608	14340000	4038060	10334340	10334	10654	3,000	7,654	2,681	0.845	2,265	15	0.47	34.10	61.95	2231
October	2006	37172	37172	14252000	4009010	10284390	10284	11255	3,166	8,089	2,195	0.845	1,855	0	0.92	0.00	35.89	1853
November	2006	36376	36376	14038000	4050340	9991260	9991	11152	3,218	7,934	2,057	0.845	1,738	0	0.28	0.00	3.32	1737
December	2006	36281	36871	15161000	4151210	11015190	11015	10975	3005	7,970	3,045	0.845	2,573	590	0.30	1341.27	1346.12	1231
Total		**332900**	**335087**	**159914000**	**36949700**	**123414300**	**123414**	**108664**	**27,002**	**81,661**	**41,753**	**0.845**	**35,281**	**2187**	**10.00**	0.30	**5361.99**	**30106**
January	2007	36689	36998	14514000	4107840	10427760	10428	11,089	4,086	7,003	3,425	0.845	2,894	309	0.24	702.46	720.95	2192
February	2007	33112	33405	14024000	3793340	10230660	10231	9,999	2,705	7,295	2,936	0.845	2,481	293	0.27	666.09	669.40	1815
March	2007	34297	34597	15231000	3930240	11300760	11301	10,397	2,683	7,714	3,587	0.845	3,031	300	2.62	682.00	702.85	2346
Total		**103085**	**105000**	**43769000**	**11831420**	**31959180**	**31959**	**31485**	**9473**	**22011**	**9,948**	**0.845**	**8,406**	**902**	**3.00**	**2051.00**	**2093.20**	**6313**
Grand Total		**825390**	**833991**	**446836000**	**91455880**	**355765410**	**356442**	**280996**	**63037**	**217960**	**138482**		**117018**	**7588**	**54**	**17251**	**18223**	**97674**