



Pantaleon

MONITORING REPORT

MONTE ROSA BAGASSE COGENERATION PROYECT (MRBCP)

(CDM Registration Reference Number 191)

Monitoring Period:

1 May, 2006 to 31 May, 2007

30th July, 2007

1. INTRODUCCION

This document reports the Emission Reductions (ERs) generated by Monte Rosa Bagasse Cogeneration Project (hereinafter MRBCP), CD\M Registration Reference Number 191, in the following Monitoring Periods:

Year	Monitoring Period	
	Date (DD/MM/YY)	
	From	To
Y 6	01/05/06	31/12/06
Y 7	01/01/07	31/05/07

The MRBCP operation has been monitored in accordance with the requirements of the applicable Monitoring Methodology AM0015: “Bagasse-bases cogeneration connected to an electricity grid” as described in its Project Design Document. Quality Assurance and Quality Control Mechanism Stipulated in the Monitoring Methodology have been applied.

Emission Reductions Calculation Formula.

ERs generated by the MRBCP area calculate as follows:

ERs= Net generation from projet during the monitoring period times baseline emission factor
 $ERs = (MWh) * (tCO_2e/MWh) = \text{Net } CO_2 \text{ emissions avoided at grid } (tCO_2e)$.

Where the ex-ante baseline emission factor is 0,7094 tCO₂e/MWh.

The following table presents information and data used to determine the baseline scenario.

ID number	Data type	Value	Unit	Data Source
1. EG _y	Electricity supplied to the grid by the projet	Obtained throughout projet activity lifetime	MWh	Monte Rosa
2. EF _y	CO ₂ emission factor of the grid	0,7094	tCO ₂ e/MWh	Calculate
3. EF _{OM,y}	CO ₂ operating margin emission factor of the grid	0,7446	tCO ₂ e/MWh	This value was calculate using information provided in the baseline information section (annex 3) of this PDD
4. EF _{BM,y}	CO ₂ Build Margin emission factor of the Grid.	0,6741	tCO ₂ e/MWh	This value was calculate using information provided in the baseline information section (annex 3) of this PDD

2. DISPATCHED ENERGY TO THE GRID IN THE MONITORING PERIODS

Date (DD/MM/YY)		Amount of energy sold to the grid (MWh)
From	To	
01/11/2006	30/11/2006	5.113,870
01/12/2006	31/12/2006	19.950,714
01/11/2006	31/12/2006	25.064,583
01/01/2007	31/01/2007	22.186,079
01/02/2007	28/02/2007	20.032,440
01/03/2007	31/03/2007	22.018,580
01/04/2007	30/04/2007	20.497,564
01/05/2007	31/05/2007	2.128,770
01/01/2007	31/05/2007	86.863,433
01/11/2006	31/05/2007	111.928,017

The reports from Centro Nacional de Despacho de Carga are available with the project participants.

The months not considered in the previous table are related with the off-crop season. During this period of non-crop season, no energy was produced by the cogeneration system of the mill and consequently, no electricity was sold to the grid.

The table below shows the consolidated data from the previous table.

Year	Monitoring Period		Amount of energy sold to the grid (MWh)
	Date (DD/MM/YY)		
	From	To	
Y 6	01/05/2006	31/12/2006	25.064,583
Y 7	01/01/2007	31/05/2007	86.863,433
	01/05/2006	31/05/2007	111.928,017

3. ERs GENERATED IN THE MONITORING PERIODS

Calculation of ERs				
DESCRIPTION	UNIT	Y6	Y7	TOTAL
		From 01/05/2006	From 01/01/2007	
		to 31/12/2006	to 31/05/2007	
Meterred Electricity suply	MWh	25.064,583	86.863,433	111.928,017
Baseline Emission Factor	tCO₂e/MWh	0,7094	0,7094	0,7094
Emission Reductions (ERs)	tCO₂e	17.780,815	61.620,920	79.401,735

In the accordance with the formula in the section 2, the MRBCP has in the monitoring periods generated:

$$\text{ERs} = 111.928,017 \text{ MWh} * 0,7094 \text{ tCO}_2\text{e/MWh} = \mathbf{79.401,735 \text{ tCO}_2\text{e}}$$