



MONITORING REPORT
Version 01 dated 02/20/2011

LA VENTA II
UNFCCC Reference No. 0846
3rd Monitoring Report
(01/07/2009 - 31/12/2010)

SECTION A. General description of the project activity

A.1. Brief description of the project activity: >>

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The project's purpose is renewable electricity generation to be supplied to the Interconnected Mexican National Grid ("IMNG"). The project is expected to displace 192,545 tons of carbon dioxide equivalent ("tCO₂e") per year, which will account to 1,347,815 tCO₂e for the first crediting period (7 years), generating the equivalent amount of greenhouse gasses emissions reductions ("ERs"). The project's greenhouse gasses ("GHG") emissions are negligible, thus there is no need to monitor leakage and it is not taken into account when calculating the ERs.

La Venta II wind power plant ("La Venta II") consists of 98 wind turbine-generator engines ("WTGs") each of 0.85 MW capacity, which add up to 83.3 MW total capacity. The WTGs are distributed in 4 rows approximately 600 meters away from each other. The WTGs are approximately 130 meters away from each other; the height of the WTGs is 44 meters. The maximum estimated generation is 307,728 MWh ("megawatts hours"). The project was fully commissioned on January 5, 2007, and has been in continuous operation since that date.

The emissions reductions achieved in this monitoring period (01/07/2009 - 31/12/2010) have been 189,058 tCO₂e.

A.2. Project Participants

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Name of Party involved (*) (host) indicated a host Party)	Private and/or public entity (ies) project participants (*) (as applicable)	Kindly indicate if the Party involved wishes to be considered as project participant (Yes/No)
México (host)	Comisión Federal de Electricidad ("CFE")	No
Spain	International Bank for Reconstruction and Development (IBRD) as the Trustee of the Spanish Carbon Fund (SCF)	Yes

A.3. Location of the project activity:

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The project is located in the Southern State of Oaxaca, in the Municipality of Juchitan de Zaragoza, in the Ejido La Venta. The project site is 30 km northeast from Juchitan de Zaragoza City (capital of the Municipality of Juchitan de Zaragoza) and 310 km southeast from Oaxaca City capital of the state. The site coordinates are Latitude: **16.59** Longitude: **-94.819722**.

**A.4. Technical description of the project**

>> La Venta II wind power plant (“La Venta II”) consists of 98 wind turbine-generator engines (“WTGs”) each of 0.85 MW capacity, which add up to 83.3 MW total capacity. The WTGs are distributed in 4 rows approximately 600 meters away from each other. The WTGs are approximately 130 meters away from each other; the height of the WTGs is 44 meters.

The spatial extent of La Venta II boundary is the Integrated Mexican National Grid (“IMNG”). La Venta II is integrated by 5 electric circuits which collect the energy generated by the 98 WTGs and send it to the substation of the plant named La Venta II substation. The total expected generated electricity is delivered to the grid and commercialized by CFE, which is the developer, operator and owner of La Venta II. La Venta II’s minimum expected plant operating life is 21 years.

A.5. Title, reference and version of the baseline and monitoring methodology applied to the project activity:

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Sectoral scope 1: Energy industries (renewable - / non-renewable sources)

Methodology Used : ACM0002 ver. 6 - Consolidated methodology for grid-connected electricity generation from renewable sources

Reference: <http://cdm.unfccc.int/methodologies/view?ref=ACM0002>

A.6. Registration date of the project activity:

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The project was registered on 25 June 2007 with a renewable crediting period of 7 years.

A.7. Crediting period of the project activity and related information (start date and choice of crediting period):

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Start date of the crediting period is 01/07/2007. The crediting period for the project has been considered as renewable 7 years and no changes to the start date of the crediting period post-registration were proposed.

A.8. Name of responsible person(s)/entity(ies):

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**SECTION B. Implementation of the project activity****B.1. Implementation status of the project activity**

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La Venta II was commissioned on January 5th, 2007, and it has been in continuous operation since then. During the period covered in the third monitoring report (July 1st, 2009 – December 31st, 2010), La Venta II net generation registered at 34.5 kV by CENACE was 302,269 MWh. The chart below shows the monthly generation, which varied mainly due to the variability of the wind regimes.

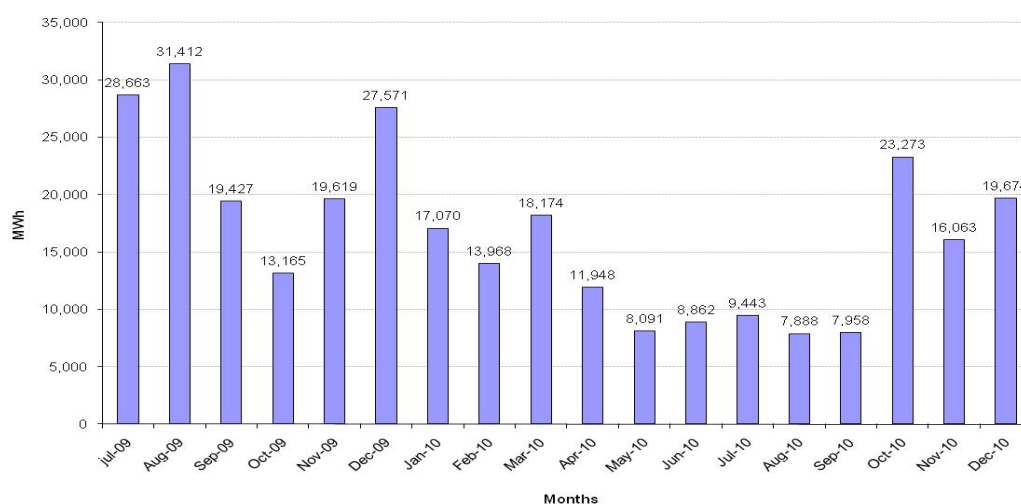


Figure 2. La Venta II Net Generation at 34.5 kV (July 09 – December 10)

There were no events or situations during the monitoring period that could impact the applicability of the methodology.

B.2. Revision of the monitoring plan

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The monitoring plan has not been revised.

B.3. Request for deviation applied to this monitoring period

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No request for deviation has been applied to this monitoring period.

B.4. Notification or request of approval of changes

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No notification or request of approval of changes from the project activity as described in the registered CDM-PDD has been made.

**SECTION C. Description of the monitoring system**

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Emissions Reductions Calculation Procedure (“ERCP”)

Following ACM0002-Version 6, the emission reductions (“ERs”) calculation is the emission factor (“EF”) times the electricity generation delivered to the IMNG. In the PDD, the EF for La Venta II was established at 0.62570 tCO₂e/MWh, and is to be kept fixed for the first crediting period. Therefore the only parameter to be monitored for the ERs calculation is La Venta II’s electricity generation.

Source and Data Reliability

In La Venta II Design Document (“PDD”) it is specified that Centro Nacional de Control de Energia (“CENACE”) will be the solely provider of La Venta II’s generation. The hourly measurement of the electricity generated by La Venta II that is recorded by CENACE is obtained in the ION 8500 meter located in La Venta II substation (see Figure 2). The features of this meter, which will be used for the ERs calculation, are as follow:

Voltage (L-L) (L-N)	0.1%
Frequency (47 - 63Hz)	±0.01Hz
Current (I1, I2, I3)	0.1% + 0.002%
Current (I4)	0.4%
kW, kVAR, kVA (Unity PF)	0.2% + 0.001%
kW, kVAR, kVA (±0.5 PF)	0.3% + 0.003%
kWh, kVARh, kVAh Class	0.2
Power Factor at Unity PF	0.5%
Harmonics (to 63rd)	1%
Harmonics (to 40th)	IEC 61000-4-7
K Factor	5%
Crest Factor	1% Full Scale

This meter registers the hourly generation at 34.5 kV.

One Line Diagram of La Venta II Power Station.

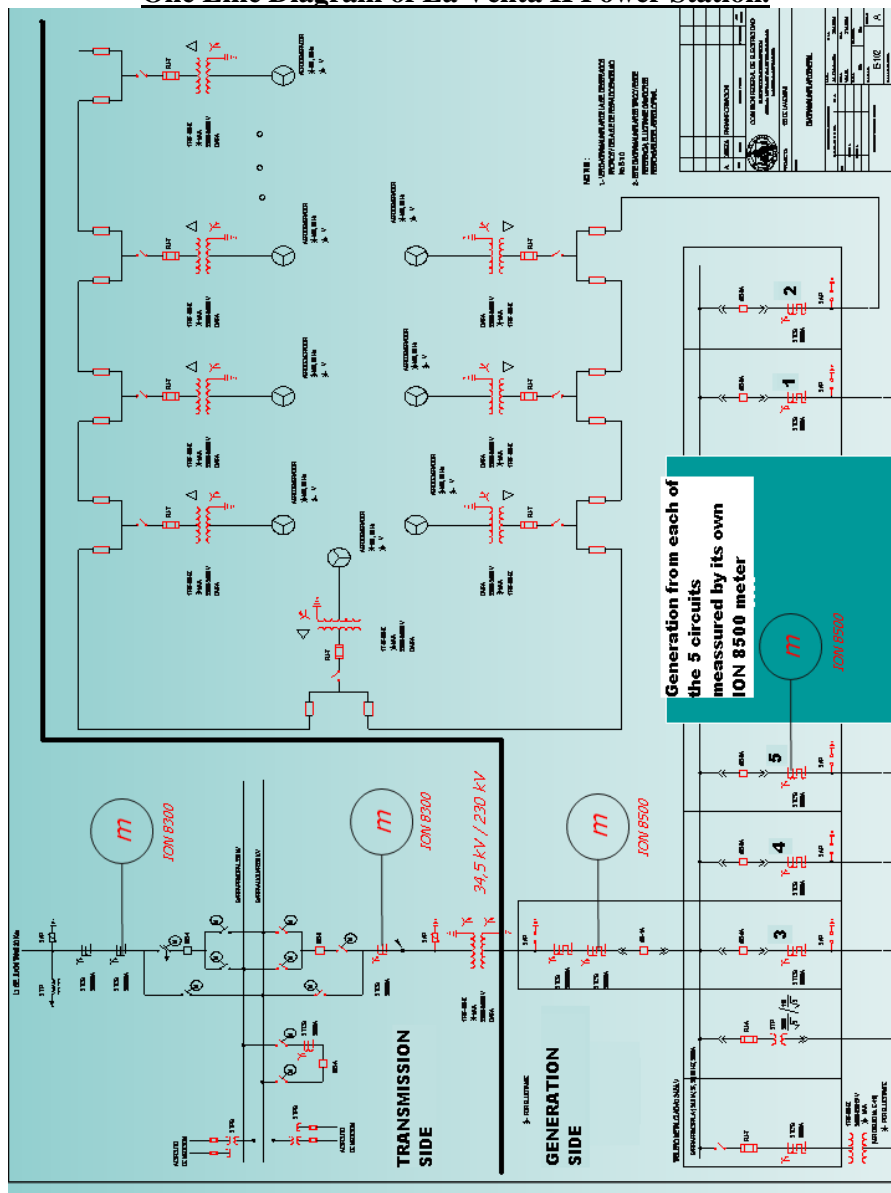


Figure 1.- One Line Diagram of La Venta II Power Station indicating the location of ION8500 in the 34.5kV side. Source: CENACE

The measurement system in La Venta II is named Sistema Integral de Medicion (SIME), which uses the communication Protocol DNP 3.0. The hourly measurement is stored in a concentrator placed in the same substation named Concentrador de Informacion de Instalacion (“CII”), this concentrator aside from recording the hourly generation sends the hourly generation information to a regional concentrator named Nodo Secundario, placed in Area de Control Oriental in Puebla . Three times per day the Nodo Secundario extracts from its local base the hourly generation of La Venta II data and stores the information in a file named Hoja de



Marcha. The Area de Control Oriental sends the information to CENACE in Mexico City, where it is stored in a file named Balance de Energía.

Data Crosschecking

According to CFE, there are no receipts of sales of the energy generated by La Venta II delivered to the next recipient of this energy: Transmission Area of CFE. Thus, receipt of sales cannot be used for cross-checking of La Venta's II generation. According to CFE, there is not any type of document (replacing a receipt of sales but it is treated as an internal CFE transaction) given by the Transmission Area of CFE to the Generation Area of CFE confirming the receipt of a certain quantity of energy delivered by La Venta II, so the only assurance the Transmission Area counts with of having received a specific quantity of energy from La Venta II is the measurement of such energy in the Generation Area meter placed in La Venta II at 34,5 kV (below specified). Therefore, this latter meter is taken for data crosschecking.

CFE Transmission and Generation Areas every month conciliate the energy generated by La Venta II at 34,5 kV, it consists in an agreement for the energy delivered from Generation Area to Transmission Area. They sign an official internal document named "Cedula de Registro de Lecturas Mensual". This document will be used in the cross-checking process (see table below).

La Venta II's Generation at 34.5 kV (MWh) Monthly Cross-Checking

	CENACE		CEDULA	
	Gross Generation	Net Generation	Net Generation	Diference, %
jul-09	28,698.99	28,663.24	28,663.24	0.000
Aug-09	31,803.88	31,411.87	31,411.88	0.000
Sep-09	19,817.87	19,426.79	19,426.79	0.000
Oct-09	13,448.58	13,164.62	13,164.62	0.000
Nov-09	19,723.80	19,618.70	19,618.70	0.000
Dec-09	28,111.90	27,570.93	27,570.93	0.000
Jan-10	17,157.80	17,070.33	17,070.33	0.000
Feb-10	14,823.40	13,968.16	13,968.16	0.000
Mar-10	18,262.30	18,174.44	18,174.44	0.000
Apr-10	12,251.40	11,948.34	11,948.34	0.000
May-10	8,466.50	8,090.68	8,090.68	0.000
Jun-10	9,387.70	8,861.53	8,861.53	0.000
Jul-10	9,686.76	9,442.58	9,442.58	0.000
Aug-10	7,964.00	7,888.38	7,888.38	0.000
Sep-10	7,993.50	7,958.50	7,958.50	0.000
Oct-10	23,312.50	23,273.34	23,273.34	0.000
Nov-10	16,098.70	16,062.58	16,062.58	0.000
Dec-10	19,705.72	19,673.65	19,673.65	0.000
	306,715.30	302,268.65	302,268.66	0.000

Source: CENACE, Transmission and Generation Areas.

ERCP Organizational Structure, Quality Assurance and Control Procedure

ERCP Organizational Structure

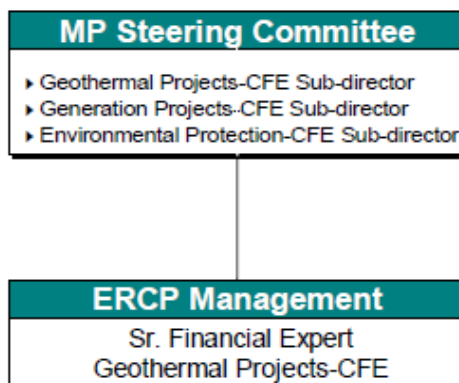


Figure 3.- ERCP Organizational Structure.
Source: World Bank/CFE

ERCP Quality Control

Data	<ul style="list-style-type: none"> ▶ The project generation data. ▶ Make coordination with CENACE to be able to implement this document. ▶ Check calibration of electricity meters, periodically.
Quality of Data Collection	<ul style="list-style-type: none"> ▶ Which data comes? The above ▶ By what means does it come? By E-mail/ CD ▶ How does it come? In Excel ▶ How frequently does it come? Yearly ▶ From whom does it come? From CENACE ▶ To whom does it comes? ERCP Manager
Quality of Data Processing	<ul style="list-style-type: none"> ▶ Original Data ▶ Organized Data ▶ Entered Data ▶ Processed Data ▶ Result
Quality of Data Storage	<ul style="list-style-type: none"> ▶ Prevent Excel versioning problem, by keeping "a new" Excel software package. ▶ Keep all data for 2 years after the first crediting period (9 years). ▶ Save the ERCP file with the last date in which an alteration was made. ▶ Keep all written documentation in a folder.
Quality of Data Delivery	<ul style="list-style-type: none"> ▶ Provide to the verifier e-mails /CD through which the data provider (CENACE) delivered the original data ▶ Provide to the verifier receipt of sales to final clients ▶ Provide to the verifier all calculations made (all steps of data processing) by showing all preliminary versions of spreadsheets saved in disk

Figure 4.- ERCP Quality Control. Source: World Bank/CFE

**SECTION D. Data and parameters****D.1. Data and parameters determined at registration and not monitored during the monitoring period, including default values and factors**

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Data / Parameter:	
Data unit:	tCO₂/MWh
Description:	Grid Emission Factor
Source of data used:	Registered PDD
Value(s) :	0.62570
Indicate what the data are used for (Baseline/ Project/ Leakage emission calculations)	Baseline emissions
Additional comment:	-

D.2. Data and parameters monitored

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Data / Parameter:	
Data unit:	MWh
Description:	Electricity generation of the Project delivered to grid (net of internal consumption at La Venta II)
Measured /Calculated /Default:	Measured
Source of data:	Plant data (La Venta II and CENACE)
Value(s) of monitored parameter:	302,269 MWh
Indicate what the data are used for (Baseline/ Project/ Leakage emission calculations)	Baseline emissions
Monitoring equipment (type, accuracy class, serial number, calibration frequency, date of last calibration, validity)	<p>Type: Two ION 8500 Power Meters Accuracy class: 0.2 Serial No: PQ-0604A005-03; PQ-0604A002-03 Calibration frequency: Once a year Date of last calibration: Dec 10, 2010 Validity: Up to Dec 09, 2011</p> <p>The Meter with serial no. PQ-0604A005-03 was in place for measuring the net generation of the plant until April 20, 2010 and was replaced by meter with serial no. PQ-0604A002-03, which was previously used in an auxiliary line at La Venta II substation. These two meters have exactly the same technical characteristics in terms of accuracy.</p> <p>The original meter (PQ-0604A005-03) was calibrated in August 26, 2008 (validity up to August 25, 2009), and again in November 30, 2009 (validity up to November 30, 2010).</p> <p>The meter that replaced the old (PQ-0604A002-03) was calibrated on</p>



	<p>November 4, 2009 (validity up to November 3, 2010), and again in December 10, 2010 (validity up to December 9, 2011).</p> <p>To ensure the most conservative approach for the ER calculation, the maximum permissible error of the meter ION 8500 (0.2%) was discounted from the measurements made on the periods that calibration reports of the meters were not available (August 26 to October 30, 2009, and November 4 to December 9, 2010) as the calibration reports available subsequent to these periods ensures the meter accuracy within the permissible limits.</p>
Measuring/ Reading/ Recording frequency:	Continuous measurement and monthly recording.
Calculation method (if applicable):	Not Applicable
QA/QC procedures applied:	<p>CFE Transmission and Generation Areas every month conciliate the energy generated by La Venta II at 34,5 kV, it consists in an agreement for the energy delivered from Generation Area to Transmission Area. They sign an official internal document named "Cedula de Registro de Lecturas Mensual". The conciliation is done comparing the energy measured at La Venta II ION 85000 meter located on the 34.5kV side and the information collected by CENACE.</p> <p>The hourly measurement is stored in a concentrator placed in the same substation named Concentrador de Informacion de Instalacion ("CII"), this concentrator aside from recording the hourly generation sends the hourly generation information to a regional concentrator named Nodo Secundario, placed in Area de Control Oriental in Puebla . Three times per day the Nodo Secundario extracts from its local base the hourly generation of La Venta II data and stores the information in a file named Hoja de Marcha. The Area de Control Oriental sends the information to CENACE in Mexico City, where it is stored in a file named Balance de Energía.</p> <p>The calibrations performed to La Venta II's ION 8500 meter, which measures the energy produced at 34.5 kV consisted in:</p> <ul style="list-style-type: none"> -Cleaning of the meter and turning of the screws further if they needed to. -Processing per month the historical record of the generation measured by the meter. -A monthly energy balance per installation. -Daily remotely monitoring (by Internet) and in real time of the power, tension and other variables through a Nodo de Energia. <p>With these checks it is plausible to detect any errors that the meters may be presenting. Calibration certificates are available to the verifier.</p> <p>CFE calibrations to La Venta II are performed by <i>the Laboratorio de Metrología Sureste de la Gerencia Regional de Transmisión Sureste</i>, which is certified by CFE's <i>Laboratorio de Pruebas de Equipos y Materiales (LAPEM)</i>, which is certified by Centro Nacional de Metrologia ("CENAM"), which follows various international measurements standards.</p>



	Monitored data shall be archived for 2 years following the end of the crediting period.
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SECTION E. Emission reductions calculation

E.1. Baseline emissions calculation

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Baseline emissions (BEy) for the Project are calculated by using the formula:

= Electricity generation of the Project delivered to grid (net of internal consumption at La Venta II),
MWh x Baseline emission factor (tCO₂/MWh)

The ex-ante baseline emission factor as per the registered PDD is: 0.62570 tCO₂/MWh

The electricity supplied to the grid, and adjusted values during no calibration period are given below:

MONTH	Supplied to the grid (MWh)	Adjusted to non calibration period (0.2% Maximum Error) (MWh)	Net electricity delivered to the grid after accounting max error on months out of calibration period (MWh)
July-09	28,663	0	28,663
August-09	31,412	8	31,404
September-09	19,427	39	19,388
October-09	13,165	25	13,140
November-09	19,619	0	19,619
December-09	27,571	0	27,571
January-10	17,070	0	17,070
February-10	13,968	0	13,968
March-10	18,174	0	18,174
April-10	11,948	0	11,948
May-10	8,091	0	8,091
June-10	8,862	0	8,862
July-10	9,443	0	9,443
August-10	7,888	0	7,888
September-10	7,958	0	7,958
October-10	23,273	0	23,273
November-10	16,063	29	16,034
December-10	19,674	13	19,661
Total	302,269	113	302,155



From July 1st, 2009 up to December 31th, 2010, the electricity generation of La Venta II (net of internal consumption) was: 302,269 MWh at 34.5 kV. A total of 113 MWh have been discounted to account for the days out of calibration period. Net generation of 302,155 MWh has been considered for the ER Calculation. Baseline emissions are calculated as follow:

$$\text{BEy} = 302,155 \text{ MWh} \times \text{CEFex-ante tCO}_2\text{e/MWh}$$

$$\text{BEy} = 302,155 \text{ MWh} \times 0.62570 \text{ tCO}_2\text{e/MWh}$$

$$\text{BEy} = 189,058 \text{ tCO}_2\text{e}$$

E.2. Project emissions calculation

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There are no project emissions (PEy) for the project activity as per the registered PDD.

E.3. Leakage calculation

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There are no leakage emissions (LEy) for the project activity as per the registered PDD.

E.4. Emission reductions calculation / table

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Total emission reductions (ERy) = Total baseline emissions (BEy) - Total project emissions (PEy) - Total leakage (LEy)

$$\text{Total baseline emissions (BEy)} = 189,058 \text{ tCO}_2\text{e}$$

$$\text{Total project emissions (PEy)} = 0 \text{ tCO}_2\text{e}$$

$$\text{Total leakage (LEy)} = 0 \text{ tCO}_2\text{e}$$

$$\text{Total emission reductions (ERy)} = 189,058 \text{ tCO}_2\text{e} - 0 \text{ tCO}_2\text{e} - 0 \text{ tCO}_2\text{e} = 189,058 \text{ tCO}_2\text{e}$$

E.5. Comparison of actual emission reductions with estimates in the CDM-PDD

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Item	Values applied in ex-ante calculation of the registered CDM-PDD	Actual values reached during the monitoring period
Emission reductions (tCO ₂ e)	192,545 per year	189,058 for 1.5 years

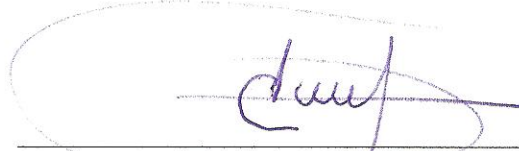
E.6. Remarks on difference from estimated value in the PDD

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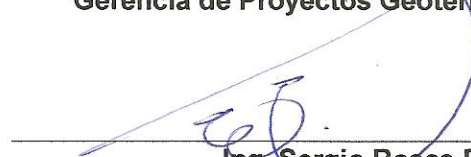
There total emissions reductions for the period are lower than the ex-ante calculations due to lower energy productions during the monitored period. This was mainly due to the variability of the wind regimes.



Monitoring Plan Steering Committee:



Ing. Roberto Cadenas Tovar
Gerencia de Proyectos Geotermoeléctricos

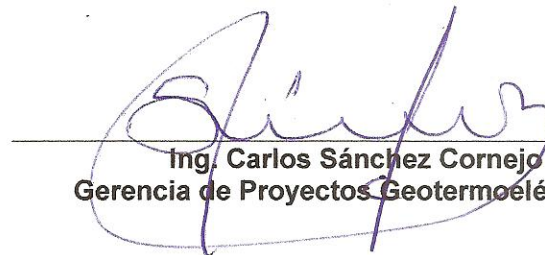


Ing. Sergio Rosas D.
Subdirección de Generación



Ing. Federico López de Alba
Gerencia de Protección Ambiental

ERCP Management:



Ing. Carlos Sánchez Cornejo
Gerencia de Proyectos Geotermoeléctricos

**ANNEXES.****Annex 1. Contribution to Sustainable Development****1. Social Agenda****1.1 Act of December 2005 signed with Ejido La Venta**

The actions listed in the act of December 2005 have been completed in the first crediting period.

1.2 Other commitments of CFE with Ejido La Venta

CFE offered the following to Ejido La Venta:

- Pay applicable compensations¹ in time, and annual rent to land owners participating in the project (landowners whose land is within the *Poligono de Influencia*).
- Promote the environmental consciousness among community *Ejido La Venta*.
- Additional civil work inside the *Poligono de Influencia*. CFE improved the access to the land of landowners with ramps to in/out. Also, CFE has been worked with landowners to improve the water flow in their fields to avoid floods.

All of these commitments listed above have also been carried. Furthermore the ejidatarios that are receiving an annual rent have been capable to continuing their farming, agriculture and construction activities that they normally carry out with the support of local and federal institutions.

It is important to mention that at the end of 2010, CFE paid the committed annual rent to the Ejidatarios of La Venta that are within the Poligono de Influencia of La Venta II.

1.3 Indigenous People Development Program

As the population in Ejido La Venta II has been characterized as indigenous, the World Bank raised a safeguard named Indigenous People, which mandates to build a document that summarizes all voluntary and mandatory social actions with Ejido La Venta, this document is the Indigenous People Development Program, which is a commitment between the two parties only and is to be monitored by The World Bank.

¹ For losses suffered.



2. Environmental Agenda

2.1 Programa de Monitoreo de Aves

CFE and the *Instituto de Ecología, A.C. (INECOL)* conscious of the highest impact of La Venta II in the environment: Birds collision with the blades of the WTGs, accorded a 5-year-bird monitoring program, which initiated in 2004 and consists in the monitoring of the birds with the purpose of determining their habitat use, conduct responses (migration routes, height of flight, etc.) and identification of the zones of highest collision probability to establish preventive measures². This monitoring was completed on December 31st 2008. This program is a commitment of the *Condicionante 4* established in the *Termino Sexto* of the Environmental Authorization issued by SEMARNAT for the construction and operation of La Venta II³. In 2004 and 2005 the monitoring was performed on the Fall during September, October and November and from 2006 also includes March, April and May (Spring). In 2008 and 2009, the monitoring was performed on the spring and fall. On January 2010 CFE and the *Instituto de Ecología, A.C. (INECOL)* continued with the monitoring plan covering the second period (jul-09 to Dec-10).

2.2 Manual de Vigilancia de la Avifauna y Quirópteros

This manual was implemented from September 2007, and it covers all of the requirements of the Programa de Monitoreo de Aves described above with the only difference that must be performed during all of La Venta II's operating life. Both: The Programa de Monitoreo de Aves and the Manual de Vigilancia de la Avifauna y Quirópteros involve an integrated and coordinated job between CFE (La Venta II operation and follow up of mitigating and preventive measures) and INECOL (monitoring of the birds and the bats).

This Manual forms part of the obligations the World Bank requests to CFE upon the ERPA for La Venta II.

2.3 Results of The Programa de Monitoreo de Aves and of the Manual de Vigilancia de la Avifauna y Quirópteros

CFE continues with the next two further measures:

- Setting of strategic places for bird observation to evaluate the efficacy of the mitigation measures already established.
- Installation of a special marine radar to detect large flock of birds and bats coming to La Venta II during migration period (Fall) and be able to warn CFE to stop operating the WTGs.

On December 2010, CFE and INECOL gave to SEMARNAT the results of the monitoring of the third year of La Venta II's operation (Spring 2009 and Fall 2009); the total reported number of collisions was 144 between bats and birds. The results for the period of 2010 will send to SEMARNAT until September 2011. The total reported number of collisions was 120 between bats and birds. The total

² Such as relocation of the WTG or temporary stopping of the WTG, etc.

³ Oficio resolutivo No. S.G.P.A./DGIRA.DEI.836.04 July 29th, 2004.



number of collisions for the third year of the crediting period (July 1st 2009 - December 31th 2010) was 186 (between bats and birds).

The table bellow shows the result of the monitoring of bats and birds during the third year of the crediting period (July 1st 2009 - December 31th 2010):

Period 2009

3rd year crediting period	June 21, 09- November 20, 09	Bats (Monitored up to 50 meters from the base of each WTG ⁴)		Birds (Monitored up to 50 meters from the base of each WTG)	
		Number of Collisions	Species	Number of Collisions	Species
Accepted by SEMARNAT as of today ⁵ .	Jul-Nov 2009	54	<u>Insect-fed bats:</u> (5) <i>Molossus molossus</i> , (2) <i>Molossus rufus</i> , (1) <i>Molossus sp</i> (5) <i>Lasiurus intermedius</i> , (2) <i>Mormoops megalophylla</i> , (9) <i>Pteronotus davyi</i> , (3) <i>Molossus sinaloae</i> , (1) <i>Pteronotus parnellii</i> , (4) <i>Lasiurus sp</i> , (2) <i>Lasiurus ega</i> (1) <i>Eumops underwoodi</i> <u>Fruit-fed bats:</u> (1) <i>Centurio senex</i> , (1) <i>Artibeus intermedius</i> (1) <i>Artibeus jamaicensis</i> <u>Nectar-fed bats:</u> (1) <i>Glossophaga soricina</i> (1) <i>Glossophaga morenoi</i> (14) Unidentified	12	(1) <i>Caprimulgus vociferus</i> , (1) <i>Cathartes aura</i> (1) <i>Coccyzus minor</i> (1) <i>Columbidae</i> (2) <i>Falco sparverius</i> (1) <i>Leptotila verreauxi</i> (2) <i>Zenaida asiatica</i> (1) <i>Vireo gilvus</i> (2) Unidentified
	Total	54		12	

⁴Although there is not an specific radio to which the monitoring must be performed by any compromise or mandate; INECOL has been performing the monitoring up to 50 meters from the base of the WTGs; as of today bats and birds corpses have been found only up to 35 meters away from the base of the WTGs.

⁵Please note that SEMARNAT does not validate the results presented by CFE/INECOL. SEMARNAT only validates the execution program SGPA/DGIRA/DEI/0519/05 that dates as of Feb 23rd, 2005. The first official report of the monitoring of bats and birds (covering all year 2007) was presented to SEMARNAT on February 1st, 2008, through letter HA000/RMG/0131/08.

**Year 2010**

3rd year crediting period	January 20, 10-November 20, 10	Bats (Monitored up to 50 meters from the base of each WTG ⁶)		Birds (Monitored up to 50 meters from the base of each WTG)	
		Number of Collisions	Species	Number of Collisions	Species
Not presented to SEMARNAT yet.	Jan-Nov-2010		(34) <i>Pteronotus davyi</i> (15) <i>Unidentified</i> (7) <i>Molossus sinaloae</i> (5) <i>Centurio senex</i> (4) <i>Pteronotus parnelli</i> (3) <i>Momoops megalophylla</i> (3) <i>Molossus sp</i> (2) <i>Leptonycteris curasoae</i> (1) <i>Tadarida brasiliensis</i> (1) <i>Pteronotus gimnonotus</i> (1) <i>Nyctinomops macrotis</i> (1) <i>Molossus rufus</i> (1) <i>Molossus molossus</i> (1) <i>Molossidae</i> (1) <i>Lasiurus intermedius</i> (1) <i>Lasiurus ega</i> (1) <i>Glossophaga soricina</i> (1) <i>Balantiopteryx plicata</i> (1) <i>Artibeus tolteca</i>		(5) <i>Collinus virginianus</i> (3) <i>Icteria virens</i> (3) <i>Buteo nitidus</i> (4) <i>Columbina passerina</i> (2) <i>Zenaida asiatica</i> (2) <i>Crotophaga sulcirostris</i> (2) <i>Quiscalus mexicanus</i> (2) <i>Lectotila verreauxi</i> (2) <i>Catharpes aura</i> (1) <i>Unidentified</i> (1) <i>Passeriforme</i> (1) <i>Myarchus yacus sinerascens</i> (1) <i>Tyrannus melancholicus</i> (1) <i>Hirundidae</i> (1) <i>Melanerpes aurifrons</i> (1) <i>Cyananthus latirostris</i> (1) <i>Icterus pustulatus</i> (1) <i>Burhinus bistriatus</i> (1) <i>Columbina sp.</i>
	Total	84		36	

Please note that birds crossed (local and migrating) La Venta II during the third year of crediting period were 487 480, and these are 19.7% of the total birds that crossed the region (2 477 421).

⁶Although there is not an specific radio to which the monitoring must be performed by any compromise or mandate; INECOL has been performing the monitoring up to 50 meters from the base of the WTGs; as of today bats and birds corpses have been found only up to 35 meters away from the base of the WTGs.

**Social actions performed:**

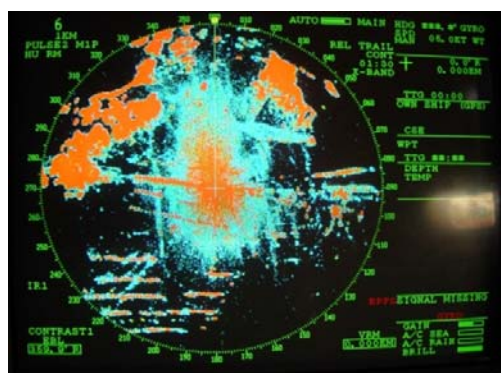
Source: CFE.

Description: Promoting the environmental consciousness between citizens, in La Venta II CFE office.



Source: CFE.

Description: Promoting the importance of wild life in the Istmo de Tehuantepec.

Environmental actions performed:

Source: CFE.

Description: Radar Monitoring Screen and digital system inside the van.



Source: CFE.

Description: Horizontal Radar operation inside CE La Venta II wind farm.



Source: CFE.

Description: Birds monitoring staff.