



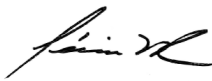
Verification and certification report form for CDM project activities

(Version 01.0)

Complete this form in accordance with the "Attachment: Instructions for filling out the verification and certification report form for CDM project activities" at the end of this form.

VERIFICATION AND CERTIFICATION REPORT

Title of the project activity	La Venta II
Reference number of the project activity	0846
Version number of the verification and certification report	1
Completion date of the verification and certification report	December 27, 2016
Monitoring period number and duration of this monitoring period	Monitoring Period: 7 01/07/2014 – 31/12/2015
Version number of monitoring report to which this report applies	2
Crediting period of the project activity corresponding to this monitoring period	01 Jul 14 - 30 Jun 21
Project participant(s)	Mexico: Comisión Federal de Electricidad; International Bank for Reconstruction and Development (IBRD) as the Trustee of the Spanish Carbon Fund (SCF) Kingdom of Spain: Ministry of Agriculture, Food and Environment and Ministry of Economy and Competitiveness ; AZULIBER 1, S.L. ; Comercial De Materiales De Construcción, S.L. (COMAC) ; Compañía Española De Petroleos, S.A. (CEPSA) ; Endesa Generacion, S.A. ; E.ON Generacion S.L ; Gas Natural SDG, S.A. ; Hidroelectrica Del Cantabrico, S.A. ; IBERDROLA Generacion S.A.U ; Repsol YPF S.A. ; Zeroemissions Carbon Trust, S.A. ; Cementos Portland Valderrivas S.A.
Host Party	Mexico
Sectoral scope(s), selected methodology(ies), and where applicable, selected standardized baseline(s)	1 : Energy industries (renewable - / non- renewable sources) ACM0002 ver. 14 - Grid-connected electricity generation from renewable sources
Estimated GHG emission reductions or net anthropogenic GHG removals for this monitoring period in the registered PDD	246,952 tCO ₂ e

Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	168,481 tCO ₂ e
Name of DOE	Colombian Institute for Technical Standards and Certification (ICONTEC)
Name, position and signature of the approver of the verification and certification report	 Monica Vivas Head of Conformity Assessment

SECTION A. Executive summary

ICONTEC performed the 1st verification of the second crediting period of the registered CDM project *La Venta II in Mexico* on the basis of UNFCCC criteria contained in Article 12 of the Kyoto Protocol and CDM modalities and procedures according to the Marrakech Agreement, the criteria of the CDM Executive Board and the host country, as well as the operational and technical monitoring criteria specific to this type of project.

The proposed project activity under verification process is based on methodology ACM0002 ver. 14 - Grid-connected electricity generation from renewable sources. The project activity consists of 98 wind turbine-generator engines ("WTGs") each one 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 and every WTG is approximately 130 meters away from each other; the height of the WTGs is 44 meters. The maximum estimated annual generation is 307,728 MWh ("megawatts hours"). The project was fully commissioned on January 5th, 2007, and has been in continuous operation since that date.

The verification process consisted of the following three phases:

- I. Desk review of the monitoring documentation, registered PDD, validation report and previous verification reports.
- II. On-site visit and follow up interviews with project stakeholders
- III. Resolution of outstanding issues and the issuance of the final verification and certification report.

The review of the monitoring documentation, registered PDD, validation report, previous verification reports and interviews during the on-site visit allowed ICONTEC to collect enough evidence to completely assess the verification criteria and determinate that the project has been implemented as planned and as it has been described in the registered PDD version 11. Emission reductions were correctly calculated based on the PDD and the monitoring equipment. The monitoring equipment with an impact on the claimed emission reductions work reliably. The monitoring system is in place and it has been calibrated appropriately. ICONTEC can confirm that the GHG emission reductions are calculated without material misstatements.

SECTION B. Verification team, technical reviewer and approver

B.1. Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Verification findings
1.	Team Leader Verifier	IR	Santos	Diana	lcontec's employee	X	X	X	X
2	Technical Expert	EI	Gómez	Fernando	Freelance	X	X	X	X

B.2. Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Lead Technical Reviewer	IR	Urrego	Erika	Icontec's employee
2	Technical Expert Reviewer (Sectoral Scope 1)	EI	Grisales	Cristian	Freelance
2	Approver	IR	Vivas	Monica	Icontec's employee

SECTION C. Application of materiality**C.1. Consideration of materiality in planning the verification**

Given that the emission reduction is lower than 300,000 ton CO₂/year (164,634) the materiality threshold applicable is 2 per cent.

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Human error in the quantification of emissions	Low	La Venta II uses a software to export directly from a SCADA server the monitored parameters in order to calculate the emissions reductions	Despite the automated system for emission quantification, the audit team reviewed deeply the coherence between the spreadsheet used for emission reductions calculations and the data acquired by the monitoring system. No material misstatements were identified.
2	Undue reliance on a poorly designed information system, which may have few effective quality controls	Medium	The information system, has quality controls. The spreadsheet used for emission reductions calculations has controls related to data changes/updates.	During the onsite visit the audit team checked how suitable the quality controls are for the information system. No material misstatements were identified.
3	Calibration delays on monitoring equipment	Low	Neither at the the time of the desk review, nor at the time of the onsite visit calibration delays were identified.	On the onsite visit was included the review of all the calibration certificates (100%). The certificates were found valid for the monitoring period.
4	Use of outdated parameters for the calculation of ERs	Low	During the desk review ICONTEC did not identify the application of outdated parameters in the calculation of the ERs (i.e. the grid emission factor).	During the onsite visit, ICONTEC checked the overall calculations for emission reductions. No material misstatements were identified.

C.2. Consideration of materiality in conducting the verification

A risk assessment was undertaken by the verification team by means of onsite physical inspection, and documentary review. The audit team checked 100% of the possible material misstatements, hence, no sampling plan was required in the monitoring plan. The verification team is able to confirm that all possible material misstatements were properly conducted and the required corrections were performed by the PP on the version 2.0 of the MR.

SECTION D. Means of verification**D.1. Desk review**

The verification of the project documentation provided by the project proponent is based upon both quantitative and qualitative information on emission reductions. Quantitative information comprises the reported numbers in the monitoring report submitted. Qualitative information comprises information on internal management controls, calculation procedures, and procedures for transferring of data, frequency of emission reports, and reviewing and internal audit of calculations.

Main documents reviewed during the desk review stage, provided by the project proponent were:

- Approved PDD version 11, dated on 20/03/2014
- Previous verification report issued by ICONTEC, dated on January 2015
- Monitoring report as submitted to UNFCCC, version 2, dated on 24/10/2016
- Emission reduction calculation file, version 1<20160406 La Venta II ER Calculation 2014-2015>.

In addition to the monitoring documentation provided by the project proponent, ICONTEC reviewed:

- Approved consolidated methodology ACM0002 ver. 14 - Grid-connected electricity generation from renewable sources
- CDM validation & verification standard, version 09.0
- CDM project standard, version 09.0
- CDM project cycle procedure, version 09.0
- Guideline on the application of materiality in verifications, version 02.0

A compilation of documents related to verification activities have been compiled under Appendix 3.

D.2. On-site inspection

Duration of on-site inspection: 27/09/2016 to 28/09/2016				
No.	Activity performed on-site	Site location	Date	Team member
1.	Description of operation of the project activity	La Venta II project	27/09/2016	Diana Santos Fernando Gómez
2	Status of the Project			
3	Review of the implementation of approved PDD			
4	Maintenance: Cross check between shutdowns, maintenance activities and Monitoring Report version 2 and CDM Raw Data.			
5	Compliance of the monitoring activities. Cross check of the Annex 2 with the equipments on site.			
6	Calibration activities: Check the calibration plan, calibration certificates and QA/QC procedures		28/09/2016	
7	Procedures for data recording and emission reductions calculation. Materiality Considerations			

D.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Saldivar Urquiza	Gaffie	CFE-GPG-DIB project's site Manger of Basic Engineering Area	27/09/2016 To 28/09/2016	<p>Description of operation of the project activity</p> <p>Status of the Project</p> <p>Maintenance: Cross checking between shutdowns, maintenance activities and MR and La Venta II - CDM Raw Data - Monitoring</p>	Diana Santos Fernando Gómez
2	Croce	Claudia	IBRD – SCF Sr. Carbon Finance Specialist		<p>Compliance of the monitoring activities</p> <p>Calibration activities: Check the calibration plan, calibration certificates and QA/QC procedures and emission reduction calculations. Materiality Considerations</p>	
3	Oros A	Maria Eugenia	CFE/CE LA VENTA project's site			
4	Erik	Silva	Manager La Venta II Wind Power		Description of operation of the project activity	

			Plant		Status of the Project Cross check of the records of calibration for the 1st period of the second crediting period with the equipment on site.	
5	Hernandez Navarrete	Gabriel	CFE/CE LA VENTA project's site	28/09/2016	Description of operation of the project activity Status of the Project	

D.4. Sampling approach

ICONTEC checked the 100% of project's information. No sampling approach was required.

D.5. Clarification requests, corrective action requests and forward action requests raised

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form	1 (CL4)		
Compliance of the project implementation with the registered PDD			
Post-registration changes			
Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline			
Compliance of monitoring activities with the registered monitoring plan	2 (CL1, CL3)		
Compliance with the calibration frequency requirements for measuring instruments	1 (CL2)		
Assessment of data and calculation of emission reductions or net removals			
Others (please specify)			
Total	4		

SECTION E. Verification findings**E.1. Compliance of the monitoring report with the monitoring report form**

Means of verification	Visual comparison between the standard Monitoring Report Form and the Monitoring Report form actually used, file " <i>MonitoringReport_LA VENTA II v0_160523</i> "
Findings	CL 4. Definition of Standardized Baseline was not correctly applied.
Conclusion	ICONTEC verified through documental review that the latest version of the MR form was applied for this monitoring period. A standardized baseline

does not apply to this project, so the correction made by the PP is Ok.

ICONTEC confirms the compliance of the monitoring report with the relevant form and instructions therein.

E.2. Remaining forward action requests from validation and/or previous verification

No remaining FARs, from previous verification(s) have been applied during this monitoring period.

E.3. Compliance of the project implementation with the registered project design document

Means of verification	In this framework, the physical conditions related to the project characteristics were evaluated in order to establish the correspondence between the technical issues described in the PDD and the actual facilities.													
	The status of implementation, progress and operation’s starting date for each phase are shown on the next table:													
	Table 1. Implementation Status													
	<table><tr><th>Phase/Site</th><th>Status of Implementation</th><th>Progress</th><th>Operation</th><th>Comments</th></tr><tr><td>Final</td><td>The Project is 100% implemented. La Venta II was commissioned on 05/01/2007, and it has been in continuous operation since then.</td><td>100% implemented</td><td>05/01/2007</td><td>ICONTEC verified that the project boundaries continue to encompass the physical and geographical site of La Venta II and the project has been implemented in accordance with the project description in the registered PDD version 11.0 of 20/03/2014. ICONTEC also verified during the onsite visit that the project activity maintains the applicability conditions of methodology ACM0002 version 14. It means that the project uses the wind as an energy source and electricity is supplied to the grid by the project.</td></tr></table>					Phase/Site	Status of Implementation	Progress	Operation	Comments	Final	The Project is 100% implemented. La Venta II was commissioned on 05/01/2007, and it has been in continuous operation since then.	100% implemented	05/01/2007
Phase/Site	Status of Implementation	Progress	Operation	Comments										
Final	The Project is 100% implemented. La Venta II was commissioned on 05/01/2007, and it has been in continuous operation since then.	100% implemented	05/01/2007	ICONTEC verified that the project boundaries continue to encompass the physical and geographical site of La Venta II and the project has been implemented in accordance with the project description in the registered PDD version 11.0 of 20/03/2014. ICONTEC also verified during the onsite visit that the project activity maintains the applicability conditions of methodology ACM0002 version 14. It means that the project uses the wind as an energy source and electricity is supplied to the grid by the project.										

	<p>The starting date of the Crediting Period Renewable crediting period is 01/07/2014, Duration: 7 years 0 months.</p> <p>The information (data and variables) provided in the monitoring report is not different from that stated in the registered PDD version 11, dated on 20/03/2014.</p>
Findings	No findings were raised regarding to this issue
Conclusion	<p>The audit team can confirm that:</p> <ul style="list-style-type: none"> • The implementation of the project is consistent with the information provided in the registered PDD. • The project is operated as per the registered PDD. • Information provided in the MR is in accordance with that stated in the registered PDD.

E.4. Post-registration changes

E.4.1. Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline

No temporary deviations have been approved by the Board for this monitoring period or will be submitted with the request for issuance.

E.4.2. Corrections

There are no corrections to project information or parameters fixed at validation, as was described in the MR made by the project participant during the current monitoring period.

E.4.3. Changes to the start date of the crediting period

No changes to the start date of the crediting period have been requested to the secretariat or approved by the Board during this monitoring period.

E.4.4. Inclusion of a monitoring plan to a registered project activity

No inclusion of a monitoring plan to the registered project activity has been requested to the Board during this monitoring period.

E.4.5. Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline

There are no permanent changes from registered monitoring plan, monitoring methodology or standardized baseline to the registered project activity that would have been requested to the Board during this monitoring period.

E.4.6. Changes to the project design of a registered project activity

There are no proposed or actual changes to the project design of the registered CDM project activity reported or identified during the current monitoring period.

E.4.7. Types of changes specific to afforestation and reforestation project activities

>> N/A

E.5. Compliance of monitoring plan with the monitoring methodology including applicable tool and standardized baseline

Means of verification	According to the registered PDD /2/, the CDM project activity "La Venta II" was monitored following the guidelines of the approved monitoring methodology and tool:
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	In this concern was verified that the monitoring plan involve the variable EGfacility,y as required by the monitoring methodology according to the Approved consolidated monitoring methodology ACM0002 ver. 14 - Grid-connected electricity generation from renewable sources. Tool to calculate the emission factor for an electricity system – Version 04.0.0
Findings	There is no any finding for this section.
Conclusion	During the verification process, ICONTEC was able to confirm that parameter was measured according to monitoring plan and the equipment received calibration according to the calibration plan defined by the company. See Annex 02 /8/. This actions permitted conclude that the monitoring plan established on PDD /2/ comply with the methodology. /1/.

E.6. Compliance of monitoring activities with the registered monitoring plan

E.6.1. Data and parameters fixed ex ante or at renewal of crediting period

Means of verification	The compliance of the monitoring plan was verified through the assessment of project's information during the desk review, interviews and onsite visit.											
	The assessment was performed in accordance with the section 11.4.4 of CDM VVS version 09.0, section 13.7 of CDM PS version 09.0 and section 7 of the CDM PCP version 09.0.											
	ICONTEC verified that the monitoring plan follows the methodology ACM0002 version 14 /1/ and relevant applicable tools /4, 5/.											
	The following table describes parameters determined ex-ante and not monitored during the monitoring period:											
	<table><tr><th colspan="4">Parameters Determined Ex-Ante in the Registered PDD</th></tr><tr><th>Parameter</th><th>Description</th><th>Value</th><th>Source</th></tr><tr><td>EF_{grid,CM,y}</td><td>Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system"</td><td>0.535</td><td>Section B.6.2. Data and parameters fixed ex ante of the PDD: La Venta PDD Renewal of CP, dated on 20/03/2014</td></tr></table>	Parameters Determined Ex-Ante in the Registered PDD				Parameter	Description	Value	Source	EF _{grid,CM,y}	Combined margin CO ₂ emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system"	0.535
Parameters Determined Ex-Ante in the Registered PDD												
Parameter	Description	Value	Source									
EF _{grid,CM,y}	Combined margin CO ₂ emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system"	0.535	Section B.6.2. Data and parameters fixed ex ante of the PDD: La Venta PDD Renewal of CP, dated on 20/03/2014									
Findings	There are no findings for this parameter.											
Conclusion	ICONTEC checked that the Grid emission factor used for the current monitoring period is ex-ante, as validated in the Renewal of the Crediting Period.											

E.6.2. Data and parameters monitored

Means of verification	<p>The compliance of the monitoring plan was verified through desk review, interviews and on site visit.</p> <p>The assessment was performed in accordance with the section 11.4.4 of CDM VVS version 09.0, section 13.7 of CDM PS version 09.0 and section 7</p>
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of the CDM PCP version 09.0.

The monitoring plan follows the methodology ACM0002 version 14 /1/ and relevant tools /4, 5/.

The annex 1 presents the data monitored and calculated each hour during the monitoring period./7/.

Monitoring parameters related to the GHG emission reductions in the project activity have been implemented in accordance with the monitoring plan contained in the registered PDD /2/.

The following table includes all parameters monitored and describes how ICONTEC verified the fulfillment of each parameter with the registered monitoring plan, including the information flow and the values as reported in the MR. In fact, the only parameter monitored is $EG_{\text{facility},y}$, net electricity generation supplied by the project plant to the grid in year y.

Monitored Parameters

Monitored Parameter	Description	Value	Means of Verification
$EG_{\text{facility},y}$	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y	314,919	<p>Source of Data and Frequency:</p> <p>As confirmed by ICONTEC during the onsite visit through visual inspection and through interviewing, the plant operators and the CENACE personnel support the onsite visit. The plant's electricity measurement system is characterized by the following issues:</p> <p>The measurement system in La Venta II is named in Spanish "Sistema Integral de Medición (SIME)" (Integral Measurement System), which uses the communication Protocol DNP 3.0. The hourly measurement is stored in a concentrator placed in the same substation named in Spanish "Concentrador de Información de Instalación (CII)", (concentrator of Installation information).</p> <p>This concentrator besides recording the hourly generation, sends the hourly generation information to a regional concentrator named in Spanish "Nodo Secundario", (Secondary Node) placed in Western Control Area in Puebla, in spanish called Area de Control Oriental in Puebla. The "Western Control</p>

				<p>Area” sends the information to CENACE in Mexico City, where it is stored in a file named in Spanish “Balance Diario de Energía” (Daily Energy Balance.).</p> <p>The DOE verified that the hourly generation data, as registered by the power meters, is automatically handled as described above, which corresponds to the monitoring plan. Therefore, the DOE confirms that the monitoring of the variable EGy has been carried out in accordance with the monitoring plan.</p> <p>The DOE also verified, by consulting the CII (concentrator of Installation information), that hourly data, as presented in the file “20160406 La Venta II ER Calculation 2014-2015”, tab “ER Calculation 2014-2015” corresponds to the electricity delivered by the plant to the grid during the verification period.</p> <p>Used Equipment:</p> <p>Name: power meter Type: ION 8500 Accuracy Class: 0.2 Serial Number: PQ-0604A002-03 Calibration Frequency: Once a year Date of last calibration: 04/10/2015 Validity: 03/10/2016 Previous calibrations: 15/10/2013, 11/10/2014, and 04/10/2015</p> <p>Name: power meter Type: ION 8650 Accuracy Class: 0.2 Serial Number: MW-1407A459-01 Calibration Frequency: Once a year Date of last calibration: 08/11/2015 Validity: 07/11/2016 Previous calibration: N/A</p>
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				<p>Data Cross Checking:</p> <p>As indicated in the Monitoring Report, the crosschecking method used by the PP is the comparison between energy delivered by La Venta II power plant, and data registered in the “Cédula de Registro de Lecturas Mensual” /11/,</p> <p>Given that the “Cédulas” (Format 03G) are official documents signed by CFE Transmission (receiving) and Generation (delivering) Areas, in which they conciliate monthly the energy delivered by La Venta II to the grid at the official point of delivery at 34.5 kV, in the view of the DOE, these documents can be properly considered as receipt of sales, as claimed by the monitoring methodology. As a matter of fact, this approach has been successfully used and approved in all the previous verifications.</p> <p>In order to verify this cross checking, the DOE compared the hourly data, added monthly, in spreadsheet “20160406 La Venta II ER Calculation 2014-2015”, tab ER Calculation 2014-2015 with the <CEDULAS BALANCE DE ENERGÍA.pdf> (18 files, since July 2014 to December 2015) and found an absolute match between them.</p> <p>In addition, ICONTEC verified a further checking process presented by the PP, similar to the one implemented by the DOE in the former verification processes. This checking process consists in comparing the energy (added monthly and annually) provided by the 5 circuits collecting the energy generated by the 98 wind turbine-generators engines, deducting the power plant own consumptions, with the energy supplied by La Venta II power plant in the official point of</p>
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				<p>delivery, the 34.5 kV bus bar of the power plant substation.</p> <p>This further verification is implemented in the spreadsheet "20160927 CROSS-CHECKING ver 1.xlsx", tab TABLA_CROSS_CHECKING, where it can be seen that the Net Generation Calculated as described above (Column I) is 315,003 MWh whereas that the Net Generation Measured (as reported by CENACE, Column J) is 314,919 MWh. The difference of -0.027% (Column L) is quite small enough and lower than the maximum error of the electricity meter (0.2%), so ICONTEC confirms that EGy values are accurate and dependable.</p> <p>In this way, ICONTEC confirmed the accuracy of the information reported in the MR regarding the energy generated and delivered to the grid, the impartiality in the data information and that emission reduction calculations generated by the project entity are verifiable and reliable.</p> <p>Consistency Between the QA/QC Defined in the Methodology:</p> <p>As already explained, measurements results were cross checked with data from "Cédulas de Registro de Lecturas Mensual"/11/, the official document signed by CFE Transmission and Generation Areas each month to conciliate the energy provided by the plant to the national grid, which is, in fact, equivalent to a sale's receipt.</p> <p>Consistency Between the QA/QC Established by the Project Participants in the PDD:</p> <p>The DOE verified, by reviewing the Calibration certificates /12/ that electricity meters used to</p>
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				<p>measure the electricity delivered to the national grid have an accuracy class of 0.2, and they are calibrated at least once every two years, following CFE standards.</p> <p>This is according to section B.7.1 of the registered PDD.</p> <p>Application of Default Values:</p> <p>Not applicable.</p>
Findings	CL 1, CL 3 Clarifications about the measurement point were required.			
Conclusion	<p>Initially, some confusion arose regarding the delivery point of the energy generated by the project to the national grid. The confusion was caused by the following statement in the Monitoring Report, Section <i>Data Crosschecking</i>, page 7: “Recently, CFE generation and CFE transmission has been changed the internal point of energy balance, having the High voltage (230 kV) point of the La Venta II’s substation as the new one”.</p> <p>In fact, by the days of the visit to the project site, institutional changes in the mexican energy sector were made. These changes, in the case of La Venta II, would imply that the step up transformer will be owned by the generation area. Nevertheless, In the meantime the delivery point to the transmission area has still been the low tension side of the transformer. Therefore the statement was eliminated without any concern in the baseline emission calculations.</p> <p>ICONTEC can thus conclude that:</p> <p>The monitoring has been carried out in accordance with the monitoring plan contained in the registered PDD.</p> <p>All parameters stated in the monitoring plan of the registered PDD have been correctly and sufficiently monitored and listed. The monitored data for required parameters have been verified by ICONTEC and have been found complete, reliable and consistent.</p>			

E.6.3. Implementation of sampling plan

Means of verification	The PP did not apply a sampling approach for the determination of data and parameters monitored.
Findings	N/A
Conclusion	N/A

E.7. Compliance with the calibration frequency requirements for measuring instruments

Means of verification	<p>In order to verify the reliability and accuracy of the metering, ICONTEC verified the calibration and maintenance records of the measuring equipment as well as the operating conditions. Records verified by ICONTEC in relation to the calibration of the metering device during the seventh monitoring period are included in the Table “Monitoring Equipment”.</p>
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During the onsite assessment ICONTEC could verified the original calibration certificates performed to La Venta II's ION 8500 meter, which measures the energy produced at 34.5 kV.

The calibration process consists in:

- 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, voltage and other variables through a Nodo de Energia. (Energy Node)

Monitored data shall be archived for 2 years following the end of the crediting period.

CFE calibrations to La Venta II are performed by the "Laboratorio de Metrología Sureste de la Gerencia Regional de Transmisión Sureste", (Metrology Laboratory Management Southeast of Southeast Regional Transmission) which is certified by "CFE's Laboratorio de Pruebas de Equipos y Materiales (LAPEM)", (Testing Laboratory for Equipment and Materials) which is certified by "Centro Nacional de Metrologia ("CENAM")", (National Metrology Center), which follows various international measurements standards; and is accredited by Entidad Mexicana de Acreditación a.c. (ema, Mexican Accreditation a.c. ISO/IEC 17025:2005), dated on 15/06/2011, accreditation No.: E-97; /12/

The following table "Monitoring Equipment" includes the current monitoring equipment for the parameters above mentioned and the information about equipment identification and calibration records. ICONTEC verified that the calibration covered the entire 7th monitoring period from 01/07/2014 to 31/12/2015.

Monitoring Equipment

Parameter	Equipment	Calibration Frequency	Calibration Records	Date of Calibration
Net generation	ION 8500 Power Meter PQ-0604A002-03 <i>Note: The equipment was replaced during the monitoring period for a new equipment, from 08/11/2015 onwards</i>	1 year	Folio No. 2013-760 (15/10/2013)	15/10/2013
			Folio No. 2014-747	11/10/2014
			Folio No. 2015-787	04/10/2015
		1 year	Folio No. 2015-	

		New equipment MW- 1407A459-01		895	08/11/2015
	<p>Spot-checking and recalculation process was carried out by ICONTEC on a representative sample of the data, in order to establish the accuracy and reliability of the data and the calculation of the emission reductions. Therefore, calibration of ancillary equipment has been also verified by ICONTEC, as show in table “Calibration of ancillary equipment “</p> <p style="text-align: center;">Table. Calibration of ancillary equipment</p>				

		Equipment	Calibration Frequency	Calibration Dates	Calibration records
		[Measuring point LVD-52115 (auxiliary services)]	2 year **	20/11/2012 Validity: 19/11/2014	Folio No. 2012-807
		ION 8600A PT0910A521-01	1 year	11/10/2014	Folio No. 2014-741
			1 year	03/10/2015	Folio No. 2015-789
		[Measuring point LVD-5015 (circuit 1)]	1 year	15/10/2013	Folio No. 2013-761
		ION 8500 PQ0604A018-03		11/10/2014	Folio No. 2014-742
				04/10/2015	Folio No. 2015-786
		[Measuring point LVD-5025 (circuit 2)]	1 year	15/10/2013	Folio No. 2013-762
		ION 8600 PT-0711A236-01		11/10/2014	Folio No. 2014-743
				04/10/2015	Folio No. 2015-785
		[Measuring point LVD-5035 (circuit 3)]	1 year	15/10/2013	Folio No. 2013-763
		ION 8500 PQ-0604A003-03		11/10/2014	Folio No. 2014-748
				03/10/2015	Folio No. 2015-784
		[Measuring point LVD-5045 (circuit 4)]	1 year	15/10/2013	Folio No. 2013-764
		ION 8600 PT-0608A034-01		12/10/2014	Folio No. 2014-745
				03/10/2015	Folio No. 2015-783

	<table><tr><td>[Measuring point LVD-5055 (circuit 5)] ION 8500 PQ-0604A004-03</td><td>1 year</td><td>15/10/2013 12/10/2014 03/10/2015</td><td>Folio No. 2013-765 Folio No. 2014-746 Folio No. 2015-782</td></tr></table>	[Measuring point LVD-5055 (circuit 5)] ION 8500 PQ-0604A004-03	1 year	15/10/2013 12/10/2014 03/10/2015	Folio No. 2013-765 Folio No. 2014-746 Folio No. 2015-782
[Measuring point LVD-5055 (circuit 5)] ION 8500 PQ-0604A004-03	1 year	15/10/2013 12/10/2014 03/10/2015	Folio No. 2013-765 Folio No. 2014-746 Folio No. 2015-782		
	<p>** Note:</p> <p><i>This is the internal generation of the plant (for own consumption) therefore is not reported as delivered. By regulating of “Sistema Integral de Gestion de la Dirección de Operación.- Operations Management Integral system- described in Sub-process. Control of monitoring and measuring equipment, L-2000-071 Ver. 04 (transmission and Metrology) was established for internal equipment a calibration frequency of two years.</i></p>				
Findings	CL 2				
Conclusion	<p>CL 2 arose from the confusion caused by the statement in the Monitoring Report regarding the internal point of energy balance, as explained in Section E.6.2 above.</p> <p>The confusion was solved without any effect on the compliance of calibration requirements.</p> <p>Based on the above mentioned visit, reviewed certifications and verifications, ICONTEC provides a positive opinion on the reliability and accuracy of the metering.</p> <p>ICONTEC verified that the calibration frequencies (1 year) are according to the PDD and project conditions. The metering will be properly calibrated by CFE at least once every two years,</p> <p>ICONTEC concluded that the calibration is conducted at the frequency specified by the methodology and monitoring plan of the registered PDD.</p>				

E.8. Assessment of data and calculation of emission reductions

ICONTEC verified all parameters, procedures and equipment involved in the determination of the emission reductions and the evidence that supports its determination.

All the evidences were provided by the La Venta II's personnel, which allowed ICONTEC to collect the data needed to support and elaborate the verification report.

Technical internal verifications were made to the operation of La Venta II by interdisciplinary teams, which ensured an appropriate control of electricity generation, also, there are detailed preventive plans for electrical, electronic and mechanical maintenance of the plant that ensure its reliability.

Among many others evidences, the following were reviewed by the audit team during the verification process:

- On-site review information data /1/,/2/,/3/,/8/,/9/,/10/
- Office workbooks (Supervisor and operators records), /7 /
- Power generation reports, daily, monthly and annual, /7/,/11/
- Data spreadsheets /5/
- Calibration and maintenance records /12/

E.8.1. Calculation of baseline GHG emissions

Means of verification	<p>The values for the electricity supplied to the grid, measured at the point of delivery of 34.5 kV (meter PQ-0604A002-03, replaced during the monitoring period for the new equipment MW-1407A459-01) are given in the following table, along with the respective baseline emissions:</p>																																																												
	<table><tr><th>Month</th><th>Measured Values Supplied to the grid (MWh) at 34.5 kV (CENACE)</th><th>Baseline Emissions (tCO₂) by month</th></tr><tr><td>Jul-14</td><td>26,350</td><td>14,097</td></tr><tr><td>Ago-14</td><td>18,980</td><td>10,155</td></tr><tr><td>Sept-14</td><td>9,488</td><td>5,076</td></tr><tr><td>Oct-14</td><td>16,837</td><td>9,008</td></tr><tr><td>Nov-14</td><td>17,370</td><td>9,293</td></tr><tr><td>Dic-14</td><td>26,438</td><td>14,144</td></tr><tr><td>Ene-15</td><td>23,841</td><td>12,755</td></tr><tr><td>Feb-15</td><td>20,079</td><td>10,742</td></tr><tr><td>Mar-15</td><td>20,908</td><td>11,186</td></tr><tr><td>Abr-15</td><td>10,022</td><td>5,362</td></tr><tr><td>May-15</td><td>10,496</td><td>5,616</td></tr><tr><td>Jun-15</td><td>15,897</td><td>8,505</td></tr><tr><td>Jul-15</td><td>18,194</td><td>9,734</td></tr><tr><td>Ago-15</td><td>18,856</td><td>10,088</td></tr><tr><td>Sept-15</td><td>10,686</td><td>5,717</td></tr><tr><td>Oct-15</td><td>15,622</td><td>8,358</td></tr><tr><td>Nov-15</td><td>22,605</td><td>12,094</td></tr><tr><td>Dic-15</td><td>12,250</td><td>6,554</td></tr><tr><td>TOTAL</td><td>314,919</td><td>168,481</td></tr></table>	Month	Measured Values Supplied to the grid (MWh) at 34.5 kV (CENACE)	Baseline Emissions (tCO ₂) by month	Jul-14	26,350	14,097	Ago-14	18,980	10,155	Sept-14	9,488	5,076	Oct-14	16,837	9,008	Nov-14	17,370	9,293	Dic-14	26,438	14,144	Ene-15	23,841	12,755	Feb-15	20,079	10,742	Mar-15	20,908	11,186	Abr-15	10,022	5,362	May-15	10,496	5,616	Jun-15	15,897	8,505	Jul-15	18,194	9,734	Ago-15	18,856	10,088	Sept-15	10,686	5,717	Oct-15	15,622	8,358	Nov-15	22,605	12,094	Dic-15	12,250	6,554	TOTAL	314,919	168,481
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	TOTAL	314,919	168,481																																																										
	<p>ICONTEC verified that from July 1st, 2014 up to December 31st, 2015, the electricity generation of La Venta II (net of internal consumption) was 314,919 MWh at 34.5 kV, and respective Emissions Reduction were 168,481 tCO₂</p>																																																												
<p>Calculations executed by PP in order to determine baseline emissions in the Emission Reductions file /5/ and Emission Factor calculation file /2/ were properly prepared and are in accordance with the methodology ACM0002, version 14 “Consolidated methodology for grid-connected electricity generation from renewable sources” /13/.</p>																																																													
Findings	<p>There are not findings related to this section</p>																																																												
Conclusion	<p>ICONTEC can confirm that:</p>																																																												
	<p>Baseline emissions are equal to the Electricity generation of the Project delivered to grid (net of internal consumption at La Venta II) multiplied by the ex-ante baseline emission factor registered in PDD, which is 0.535 tCO₂/MWh for the Mexican grid.</p>																																																												
	<p>The data used for determination of the baseline emission are available and have been monitored in accordance with the registered monitoring plan and methodology ACM0002, version 14 “Consolidated methodology for grid-connected electricity generation from renewable sources” /13/.</p>																																																												
	<p>The assumptions, emission factors and default values applied in the MR and the calculations were correctly justified.</p>																																																												

E.8.2. Calculation of project GHG emissions or actual net GHG removals by sinks

Means of verification	There are no project emissions (PE_y) for the project activity as per the registered PDD
Findings	N/A
Conclusion	N/A

E.8.3. Calculation of leakage GHG emissions

Means of verification	There are no leakage emissions (LE_y) for the project activity as per the registered PDD
Findings	N/A
Conclusion	N/A

E.8.4. Summary of calculation of GHG emission reductions

Means of verification	<p>Emission Reductions</p> $ER_y = E_{BLY} - PE - L$ <p>Emission reductions are equal to baseline emissions, according to the registered PDD, version 11, 20/03/2014 and methodology ACM0002, version 14 "Consolidated methodology for grid-connected electricity generation from renewable sources". No project emissions exist and leakage calculation is not required.</p> <p>ICONTEC verified that the emission reductions achieved during this monitoring period are lower than the ex-ante values of emission reductions in the registered PDD.</p>
Findings	There are no findings related with this section
Conclusion	<p>All aspects related to direct and indirect emissions, including project, baseline and leakage emissions were considered appropriated and also the reductions claimed were covered during the verification.</p> <p>ICONTEC verified the correct application of the formulae according to the methodology and tools, and the data sources for each parameter and the application of default values.</p>

E.8.5. Comparison of actual GHG emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD

Means of verification	ICONTEC verified that the emission reductions achieved during the 7th monitoring period (168,481 tCO ₂ e, as it was described in section E.8.1 of this report) are lower than the ex-ante value (246,952 tCO ₂ e) of emission reductions in the registered PDD, referred to 1.5 years (164,634*1.5=246,952)
Findings	No finding was raised regarding to this issue
Conclusion	During on site visit, ICONTEC validated the explanations for the difference provided by the PP in the monitoring report (Section E.6) and considered them as appropriate and consistent.

E.8.6. Remarks on difference from estimated value in registered PDD

Means of verification	<p>There were no events or situations during the monitoring period that could impact the applicability of the methodology.</p> <p>The total emission reductions for the period are lower than the ex-ante calculations as per</p>
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the registered PDD due to lower energy productions during the monitored period.

CFE analyzed the events that impacted negatively the electricity production, and concluded that the downtime hours were due to the wind conditions, outside the operating margin (4 – 25 m/s). These events lead to the breakdown of plant unavailability and the ER calculation reflect these events.

Of the remaining causes, the two most important ones are linked to:

- Outage suffered by components of the wind generators due to maintenance and / or breakdowns.
- External conditions related to the grid.
- This was adequately verified by ICONTEC during site visit through the following information as show in the table “La Venta II unavailability (% of total hours/yr)”. According with the register and consolidated document < Indisponibilidades y disponibilidad mensuales 2014 y 2015 vGPG.xls>

La Venta II plant unavailability (% of total hours/yr)

	Jul-Dec 2014	2015
Breakdowns	9%	9%
Maintenance	18%	22%
External conditions	3%	2%
No productive wind	28%	27%
Plant availability	42%	40%
	100%	100%

Moreover, during the onsite visit the DOE verified that the estimated annual generation of 307,728 MWh referred to in the registered PDD was based on the calculation made for the purpose of the project feasibility study and in the calculation was took into account a capacity factor of 42% as was defined by CFE.

However ICONTEC can confirm that the statistics of operation have shown that the plant has been operating with the below capacity factors, which are consistently lower than the estimated PDD value, since project commissioning, as show in the following table:

	2007	2008	2009	2010	2011	2012	2013	Jan-Jun 2014
Capacity factor %	33.18	33.87	33.44	22.26	13.86	25.17	25.55	25.83

Source: CFE

With actual net generation, capacity factor for the monitored period are as follow:

Jul-Dec 2014: 31.52%

Jan-Dec 2015: 27.22%

Which confirm the statistical behaviour of the power plant.

Findings

No finding was raised regarding to this issue

Conclusion	During the verification ICONTEC confirmed that any increment of emission reductions occurred, compared with the emissions reductions registered on PDD.
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E.8.7. Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Not Applicable because of the crediting period starts after 31 December 2012

Means of verification	N/A
Findings	N/A
Conclusion	N/A

SECTION F. Internal quality control

This report has included the verification findings that underwent a technical review before being submitted to UNFCCC.

The technical review and the quality control process was performed by an internal technical reviewer team in accordance with the ICONTEC's internal procedures for carrying out validation, verification and certification audits of CDM project activities. After this step, submission for request of issuance is conducted.

The technical reviewers are qualified in accordance with the ICONTEC's professional qualification scheme for CDM validation and verification.

SECTION G. Verification opinion

ICONTEC was engaged by Comisión Federal de Electricidad (Federal Electricity Commission) and the International Bank for Reconstruction and Development (IBRD) as the Trustee of the Spanish Carbon Fund (SCF) to verify the greenhouse gas (GHG) emission reductions reported by the CDM project La Venta II, project registration number 0846 for the 7th monitoring period 01/07/2014 to 31/12/2015, equating to 168,481 tCO₂e.

The verification was performed based on requirements set by the CDM and relevant guidance provided by CMP and the CDM Executive Board. Monitoring report version 1 was submitted to the verification team by the project participants on 23/05/2016.

ICONTEC has made this report publicly available prior to the start of the verification activities. No comments were received.

During the verification, mistakes and clarifications were identified. The PP conducted the requested corrections on the latest version of the MR (version 2). It can be confirmed that the monitoring report is complete, transparent and it is in accordance with the registered PDD, relevant CDM requirements and applicable monitoring report form.

ICONTEC confirms that the MR version 2 is free of material misstatements and the project's GHG emissions and resulting GHG emission reductions reported are fairly stated.

ICONTEC confirms that the project has been implemented and operated as described in the registered PDD. Installed equipment essential for generating emission reductions are running reliably and calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions as a CDM project.

La Venta II project is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions on the basis set out within the project's monitoring and verification plan.

La Venta II project is responsible for developing and keeping records and reporting procedures in accordance with the monitoring plan.

ICONTEC received the information and asked for explanations deemed necessary to provide enough evidence about the amount of GHG emissions and the calculation of the GHG emission reductions.

The verification consisted of the three following phases: i) desk review of the PDD, the MR and the monitoring plan ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.

It is ICONTEC's responsibility to set an independent GHG verification opinion on the GHG emissions from the project and approved a baseline for the monitoring period.

ICONTEC utilizes a risk-based approach that draws on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate them. ICONTEC's examination process includes test-based assessments of all evidence relevant to the amounts and disclosures of a project's GHG emissions and the calculations of such reductions for the reporting period.

ICONTEC can confirm that the GHG emission reductions are calculated without material misstatements.

ICONTEC's opinion applies to the project's GHG emissions and the resulting GHG emission reductions reported and related to the validated and registered baseline, as well as the monitoring plan and its associated documents. ICONTEC confirms the following statements:

CDM project:	La Venta II
Reporting period:	01/07/2014 to 31/12/2015
Baseline emissions:	168,481tCO ₂ e
Project emissions:	0 tCO ₂ e
Leakage:	0 tCO ₂ e
Emission Reductions:	168,481tCO ₂ e

SECTION H. Certification statement

A certification statement is not applicable because of this DOE, who has been contracted to perform a verification process, has made a Monitoring Report publicly available.

Appendix 1. Abbreviations

Abbreviations	Full texts
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CENACE /GOM	Centro Nacional de Control de Energía (National Center of Energy Control, the Mexican Grid Operator)
CENAM	Centro Nacional de Metrología (National Metrology Center)
ERs	Emission Reductions
CERs	Certified emission reductions
CL	Clarification Request
CO ₂ e	Carbon dioxide equivalent
DNA	Designated National Authority
DOE	Designated Operational Entity
DR	Document Review
EMA	Entidad Mexicana de Acreditación a.c. (Mexican Accreditation a.c.)
GHG	Greenhouse Gases
ICONTEC	Colombian Institute of Technical Standards and Certification (Instituto Colombiano de Normas Técnicas y Certificación)
IBRD - SCF	International Bank for Reconstruction and Development (IBRD) as The Trustee of the Spanish Carbon Fund (SCF)
IMNG	Interconnected Mexican National Grid
MoC	Modalities of Communication
PDD	Project Design Document
MR	Monitoring Report
UNFCCC	United Nations Framework Convention for Climate Change
VVS	CDM Validation and Verification Standard
PP	Project Participant
IPCC	Intergovernmental Panel on Climate Change
PS	CDM Project Standard
PCP	CDM Project Cycle Procedure

Appendix 2. Competence of team members and technical reviewers

Diana Carolina Santos Camargo

Lead Team Auditor

MAIN PROFESSIONAL EDUCATION

Specialization on Climate Change and Kyoto Protocol OEA 2011-ILC, Latin American, 2011.

Post degree on International cooperation for development Pavia University. Italy - San Buenaventura University, Cartagena, Colombia, 2007.

Clean Production specialization, Los Andes University, Bogotá, Colombia, 2003.

Industrial Engineer, Los Andes University, Bogotá, Colombia, 2002.

ADDITIONAL STUDIES

Lead Auditor Carbon Footprint. ICONTEC. Jun 2012.

Lead Auditor Clean Development Mechanisms. UNFCCC- ICONTEC. Jan 2012

Lead auditor Sello Ambiental Colombiano, Sostenibilidad Turística. ICONTEC.Feb 2011

Quality Management Systems Diploma, ISO 9001, and 14001. ICONTEC. Apr 2010.

Sustainable development indicators. World Bank, CEPAL – United Nations, Los Andes University, Bogotá, Colombia. Jun 2007.

Seminary Development Projects for Latin America. Hilfswerk der Evangelischen Kirchen der Schweiz –HEKZ- Basilea, SUIZA. Apr 2005.

PROFESSIONAL EXPERIENCE

- ICONTEC (October 2008 – Actual)

Sustainable Development. Ensure efficiency and quality when providing climate change services by meeting policies, standards and procedures defined by ICONTEC and the accreditation bodies. Ensure the fulfillment of the UNFCCC accreditation and other schemes requirements in relation to the performance of professionals providing services, non-conforming product and training plans design and implementation focused on professionals' skills improvement, technical criteria unification, and added value increase in the audit process. Coordination of projects to design and develop new services; Research and analysis of new business opportunities, and analysis of the market projections through participation in activities that permit knowing and analyzing the market conditions and their characteristics. Direction of Inter-institute Relations and Special Projects, 2008-2009 my initial work was focused on the Centro American Custom Integration project. I supported the research and development of a unified quality system for the region

- ECLAC –Economic Commission for Latin America and the Caribbean– United Nations Organization – UNO (Mar 2007 - July 2007)

Project: Política social y reducción de la pobreza; Optimizando el gasto social. My functions were as practicum collaborating on the formulation and management of the project, participate on the link enforcement with the UNICEF initiative of public investment for children; support on the management of the project Efectos y Costos de la Desnutrición Infantil en Colombia, currently in process, made in association with the Programa Mundial de Alimentos PMA, lead by CEPAL; y also support other projects for sustainable Development and environment.

- Büro Nosotras – Basilea, Suiza (Sep 2005- Aug 2006)

Project development assistant and Administrative assistant. Nosotras is a NGO supported for the Swiss government to promote integration projects of Latin-American immigrant families in the Swiss society, My function in this organization consisted on the formulation, management and implementation of projects that promote the integration, education projects for women as a vulnerable member of the society, I also did some management work for this organization and social work planning, support on the area of language teaching.

- ODES. Organización para el Desempeño Empresarial Sostenible (Jan 2005- Aug 2005)

Professional on the development and implementation of PGIRS with the Tolima government and the Environmental authority. My duties were the coordination of productive and commercialize projects that were integrated as important elements of the productive chain of solid remainders management service, focused on link and benefit of the vulnerable population that work on recycling in 39 places in Tolima, Colombia.

- CIGRAF – Colciencias (Jan 2005- Apr 2005)

Professional on the development, presentation and execution planning of the project “Competencias Laborales de la Industria Gráfica” for the whole nation.

- Artico Software (Aug 2004- Jan 2005)

Commercial Manager, in charge of market lines and customer care; communication between company and customers; work plan projections.

- Corporación Somos Más (Jul 2004- Nov 2004)

Formulation Project Assessor. Specifically for the project www.somosmas.org - This Project shows the civil organization work for more than 1.200 organizations, this Project was made in association with the Bogota Major office, United Nations Volunteer Program, Los Andes University and important local NGO's.

- Industrial Engineering Department, Los Andes University. (2003)

Research group leader. Responsibilities: Coordination of a research group about the viability of a transportation enterprise as an alternative solution to the problematic of the population working with the animal-driven vehicles and recycling in Bogotá city. Achievement: Exposition of the formulated solution to the Bogotá's Major Antanas Mockus Sivickas.

- Bogotá Council. (2002)

Debate assessor of the councilor David Luna. Responsibilities: Exposition of the social problematic related with the population working with animal-driven vehicles and formulation of solution alternatives.

EXPERIENCE IN CDM ACTIVITIES**Lead Auditor and Specialist:**

1. Verification of Carbon Footprint –Pacific Rubiales
2. Verification of Carbon Footprint –Biorganicos S.A.S.
3. Verification of Carbon Footprint –Colcafé S.A.S.
4. Verification of Carbon Footprint –Compañía De Galletas Noel S.A.S.
5. Verification of Carbon Footprint –Europharma
6. Verification of Carbon Footprint – Empresa De Acueducto Y Alcantarillado De Bogotá EAAB
7. Verification of Carbon Footprint –Tropical Coffee Company S.A.S.- Colcafé
8. Verification of Carbon Footprint –Celsia S.A E.S.P.
9. Verification of Carbon Footprint –Supercerdo Paisa S.A.S.
10. Verification of Carbon Footprint –Profafor S.A
11. Verification of Carbon Footprint –Industrias Japan
12. Verification of Carbon Footprint –Coltanques
13. Verification of Carbon Footprint – Ladrillera La Clay
14. Verification of Carbon Footprint – Red De Salud Ladera
15. Verification of Carbon Footprint – Univesidad Autonoma De Cali
16. Verification of Carbon Footprint – Reii
17. Verification of Carbon Footprint – Eternil
18. Verification of Carbon Footprint – Isagen
19. Verification of Carbon Footprint – Pacific Rubiales
20. Verification of Carbon Footprint –Proalco
21. Verification of Carbon Footprint – Corpbanca
22. Verification of Carbon Footprint –Industrias Japan
23. Verification of Carbon Footprint –Profafor
24. Verification of Carbon Footprint – Colombia de Extrusión SAS
25. Verification of Carbon Footprint – Freskaleche SAS
26. Verification of Carbon Footprint – Instituto del corazón Bucaramanga SA
27. Verification of Carbon Footprint – Zona Franca Santander SA.
28. Verification of Carbon Footprint – Compañía de Galletas Pozuelo DCR, S.A.
29. Verification of Santa Ana Hydroelectric Plant
30. Verification of La Venta II
31. Verification of Proyecto Forestal Co2cero
32. Verification of La Venta II

Technical reviewer

1. Verification of Energy Efficiency and Partial Fuel Switch at Ladrillera Alcarraza
2. Verification of Co-composting of EFB and POME project
3. Verification of A joint venture project of cogeneration of electricity and hot water using natural gas and biogas produced from on-site wastewater biodigesters
4. Verification of Reduction of energy consumption during the production of hydraulic lime for the construction industry through the addition of non-calcined mineral components and additives
5. Verification of Fertinal Nitrous Oxide Abatement Project
6. Verification of GEA Small Hydropower (SHP) Run-of-the-River CDM Project Bundle
7. Verification of Agua Fresca Multipurpose and Environmental Services
8. Verification of Methane recovery and effective use of power generation project Norte III-B Landfill
9. Verification of CELSIA
10. Validation of N2O Abatement at Austin Bacis Mexico Nitric Acid Plant
11. Validation of Project LRT system in tunis
12. Validation of Doña Teresa Small Hydro Power Plant
13. Validation of San Nicolas CDM Reforestation Project
14. Validation of Providencia I: 1.8MW Small Hydro Power Generation Plant

15. Validation of Providencia III: 9.11MW Small Hydro Power Generation Plant
16. Validation Gold Standard: Consorcio Eólico Amayo, S.A.
17. Validation VCS: Grouped Project for Commercial Forest Plantations initiatives in the department of Vichada.
18. Validation CCB: Grouped Project for Commercial Forest Plantations initiatives in the department of Vichada.

Fernando Gómez Gómez

Sector Specialist (Sector 1.2)

MAIN PROFESSIONAL EDUCATION

Financial Specialist. EAFIT University. Colombia, 1984.

Master of Power Systems. Instituto Tecnológico de Monterrey. Mexico, 1970.

Electrical Engineer. National University of Colombia Bogotá. 1967.

PROFESSIONAL EXPERIENCE

- ENVISERVICES SAS. (2014)

Technical and Energy Advisory in registering hydro power generation projects into the UPME (Mining and Energy Planning Unit) catalog of projects for long term Colombian national expansion plan.

- PERSONAL CONTRACT for BID (Interamerican Development Bank). (2014)

As an Expert in Energy Economics to review the study “Vulnerabilidad al Cambio Climático de los sistemas de producción hidroeléctrica en Centroamérica y sus opciones de adaptación” (Vulnerability of the Central American hydroelectric systems to the Climate Change and adaptation options), commissioned by OLADE (Latin America Energy Organization) to the Incam Group.

- ICONTEC (from 2006 to present)

Specialist Scope 1. CDM Activities (Attached)

- GESTION Y AUDITORIAS ESPECIALIZADAS - GAE LTDA. Technical and Economic Advisory (November 2004 – May 2005)

Technical and Economic Advisory to Superintendencia de Servicios Públicos Domiciliarios (Superintendent of Public Services) in integral auditing to EPM (Medellín Public Services Utility) management of energy and gas services.

- ECONOMETRÍA S.S. - Technical Advisory (October 2002 - March 2003)

Technical Advisory to Unidad de Planeación Minero Energética to incorporate international electrical interconnections into the Colombian electrical planning carried by UPME, (including use of SUPEROLADE, MPODE, NEPLAN and REAL models).

- ECOENERGIA S.S. ESP - Founding Member and Manager

Management of private projects of generation, distribution and commercialization of power.

- UNIDAD DE PLANEACIÓN MINERO ENERGÉTICA – UPME (October 1996 - October 1997)

Elaboration of Catalog of Generation Projects for National Energy Plan.

- AUDITORES ENERGÉTICOS - AENE LTDA (October 1994 - March 1995)

Advisory to the company in the application of the new regulatory scheme of Colombian electrical sector to private and public entrepreneurial management through the following studies:

- CORELCA: Determination of marginal costs and development of innovative rate structures for power generation companies and big industrial customers, October 1994 - March 1995.
- CORELCA: Development and application of rate models to prepare proposal on power sale in the wholesale market, July 1995 - September 1995.
- Empresa de energía de Cundinamarca - EEC: Advisory in convoking and long-term power contracting, July 1995 - September 1995.
- Instituto Nacional de Ciencias Nucleares y Energías Alternativas - INEA: Development of tutorial model for financial assessment of energy projects in the industry, April 1995 - September 1995.
- Consorcio Nacional de Energía CNE : Consortium Management. Elaboration of studies on power commercialization in Colombia and competitive strategies. Interpretation and application of the Code of Commerce, Code of Networks and other power regulatory standards - commercial activity in Colombia, October 1995 - March 1996.

- EMPRESA DE ENERGIA DE BOGOTÁ – EEB (1978 – 1994)

Positions:

- Chief of the Department of generation planning, interconnection and sub-transmission, 1978 - 1979.
- Chief of Electric Planning Division, 1979 - 1986.
- Assistant for Technical Sub-management, 1986 - 1987
- Chief of Special Projects Division, 1987
- Chief of expansion and Development Division, 1987 - 1994
- Management Advisor, 1994

- INTERCONEXIÓN ELÉCTRICA S.A - ISA (1976 – 1978)

Engineer Specialist in electric planning Research and development of models for planning and operation of electric systems.

National Coordinator of Colombian electric system planning in the project "Study of Electric Power Sector (Estudio del Sector de Energía Eléctrica), ESEE" winner of the National Award of Engineering.

Technical Expert

1. Validation of Thuan Nhien Phong Wind Farm
2. Validation of Phuong Mai 3 Wind Power Project
3. Validation of Fossil Fuel replacement by Biomass in the Brick Manufacturing Industry (Group 1)
4. Validation of CTR Rosario Landfill Gas Project
5. Validation of SHP Itaguacu CDM Project (JUN 1146), Brazil
6. Validation of Palmaceite Wastewater Treatment and Biogas Utilization Project
7. Validation of Agua Fresca Multipurpose and Environmental Services
8. Validation of CTR Feira de Santana Landfill Gas Project
9. Validation of SHP Morro Azul CDM Project (JUN1164)

10. Validation of Biogas recovery and heat generation from Palm Oil Mill Effluent (POME), Coopeagropal.
11. Validation of EPM Grouped Natural Gas Project
12. Validation of Caruquia 9.76 MW hydroelectric project
13. Validation of Cervecería Hondureña Methane Capture Project
14. Validation of El Bote Small Hydroelectric Plant project
15. Validation of Guanaquitas 9.74 MW hydroelectric project
16. Validation of Rio Amoyá Run-of-River Hydro Project
17. Validation of Fuel Switching through change of furnaces at Imusa S.A.
18. Validation of Installation of a high-pressure/high-efficiency bagasse boiler to cogenerate heat and power
19. Validation of Macano Small Hydro Power Plant
20. Validation of Cueva Maria Hydroelectric Expansion Project
21. Validation of La Vegona Hydroelectric project
22. Validation of Chamelecón 280 Hydroelectric project
23. Validation of Pardos Small Hydro Plant and LOGICarbon CDM Project
24. Validation of Cambará and Embaúba SHPs and LOGICarbon CDM Project
25. Validation of Bonyic hydroelectric project
26. Validation of Tunjita Diversion Hydroelectric Project
27. Validation of METALDOM Fossil fuel switch from reheat furnace.
28. Validation of Providencia Sugar Mill Cogeneration Project
29. Validation of Toachi – Pilaton Hydroelectric Project
30. Validation of El Toqui wind power project
31. Validation of Paramonga Bagasse Boiler Project
32. Validation of Ferreira Gomes Hydro Power Plant Cdm Project Activity
33. Validation of Providencia I: 1.8MW Small Hydro Power Generation Plant
34. Validation of Providencia III: 9.11MW Small Hydro Power Generation Plant
35. Validation of Marañon Hydroelectric Project
36. Validation of Ventana, Suba and Usaquén Hydroelectric CDM Bundled
37. Validation of EMGEA Small Hydropower (SHP) Run-of-the-River CDM Project Bundle
38. Validation of Inversiones Hondurenas Cogeneration Project
39. Validation of Panuco Bagasse Cogeneration Project
40. Validation of Pequi and Sucupira SHPs and LOGICarbon CDM Project
41. Validation of Santa Rita Hydroelectric Plant
42. Validation of Tres Valles Cogeneration Project
43. Validation of La Calera Biodigesters Project
44. Verification of Agua Fresca Multipurpose and Environmental Services
45. Verification of La Cascada 2.3 MW Hydroelectric Project
46. Verification of La Venta II
47. Verification of RIMA Fuel Switch in Bocaiúva
48. Verification of Agua Fresca Multipurpose and Environmental Services
49. Verification of Biogas Project, Olmeca III, Tecun Uman
50. Verification of Jepirachi Wind Power Project
51. Verification of A joint venture project of cogeneration of electricity and hot water using natural gas and biogas produced from on-site wastewater biodigesters
52. Verification of Santa Ana Hydroelectric Plant
53. Verification of Los Algarrobos hydroelectric project
54. Verification of La Joya Hidroelectric project
55. Verification of Bio energy in General Deheza –Electric power generation from peanut hull and sunflower husk-
56. Verification of Agua Fresca Multipurpose and Environmental Services
57. Verification of La Joya Hidroelectric project
58. Verification of Biogas energy plant from palm oil mill effluent
59. Verification of Incauca S. A. Fuel Switch from Coal to Green Harvest Residues CDM Project
60. Verification of Cervecería Hondureña Methane Capture Project
61. Verification of Inversiones Hondurenas Cogeneration Project

62. Verification of La Venta II

Cristian Grisales

Technical Reviewer Sector 01

MAIN PROFESSIONAL EDUCATION

Clean Technologies – Environmental technology, innovation and management systems as means for regional and local economic development. Weitz Center for Development Studies – Israel, June 16th - July 10th 2015.

Master Executive in Renewable Energies. EOI-Madrid, Spain, February 2015.

Certified ISO 14001. ICONTEC, May 2012.

Certified ISO 9001. ICONTEC, August 2012.

Electrical Engineer. National University of Colombia Bogotá – Colombia, July 2009

PROFESSIONAL EXPERIENCE

- ICONTEC (May 2012 – Today)

Professional on developing validation and verification on CDM projects as lead auditor and as technical expert in the energy sector. Professional of Climate Change.

- EMGESA S.A ESP. Colombia (November 2009 – May 2012)

Electrical maintenance engineer in the Bogotá River Hydroelectric plants. Executing preventive, predictive and corrective maintenance of the generators, auxiliary services, power transformers and electrical substation. Developed the investment projects' inventory in accordance with the annual operating budget. Implementation of RCM maintenance programs. Monthly service availability in the plant, and full-time availability in failure care. Electrical testing of generators, transformers, motors and substation equipment.

- INGENIERIA ESPECIALIZADA (2009)

Commercial visits to different industries, sales, design and assembly of shielding systems, grounding grids, power quality studies, calculation of electrical installations, RETIE inspections, diagnostic grounding systems, implementation, supervision and maintenance of the developed projects.

EXPERIENCE IN CDM ACTIVITIES**Auditor and Specialist:**

1. Validation of Biogas project, Olmeca I, Santa Rosa, Guatemala
2. Validation of CGR Catanduva Landfill Gas Project, Brazil
3. Validation of Macaubas Landfill Gas Project, Brazil
4. Validation of Taurichuco Hydropower Project, Perú
5. Validation of Teresina Landfill Gas Project, Brazil
6. Validation of Maceio Landfill Gas Project, Brazil
7. Validation of Doña Teresa Hydroelectric Power Plant, Colombia
8. Validation of SHPs Poço Fundo and Providência CDM
9. Project (JUN1133), Brazil

10. Validation of SHPs Tambaú, das Pedras and Rio do Sapo
11. CDM Project (JUN1132), Brazil
12. Verification of Amaime Minor Hydroelectric Power Plant, Colombia
13. Verification of Ciudad Juarez Landfill Gas to Energy Project, Mexico
14. Verification of Santa Ana Hydroelectric Plant, Colombia
15. Verification of Biogas Project, Olmeca III, Tecún Uman, Guatemala
16. Verification of Berlin Geothermal Project, Phase Two, San Salvador

Technical Expert

1. Validation of Thuan Nhien Phong Wind Farm, Viet Nam
2. Validation of Phuong Mai 3 Wind Power Project, Viet Nam
3. Validation of Chamelecón 280 Hydroelectric project, Honduras
4. Validation of Providencia I: 1.8MW Small Hydro Power Generation Plant, Colombia
5. Validation of Providencia III: 9.11MW Small Hydro Power Generation Plant, Colombia
6. Validation of SHP Itaguacu CDM Project (JUN 1146), Brazil, Brazil
7. Renewal of Aguafresca Multipurpose and Environmental Service Project, Colombia
8. Validation of Feira de Santana Landfill Gas Project, Brazil
9. Validation of SHP Morro Azul CDM Project (JUN1164), Colombia
10. Verification of Santa Ana Hydroelectric Plant, Colombia
11. Verification of Methane recovery and effective use of power generation project Norte III-B Landfill, Argentina.

Erika Lucia Urrego Ortiz

CDM Auditor

MAIN PROFESSIONAL EDUCATION

Magister on Quality and integral management. Universidad Santo Tomas en Convenio con ICONTEC. Bogotá, Colombia. April de 2013.

Specialist Environmental Management Systems. Universidad Externado de Colombia. Bogotá D.C. September 2002

Zootechnician, Universidad Agraria de Colombia, Bogotá D.C. Colombia. August 1997.

Lead Auditor on Energy management systems under ISO 50001:2011. Bogotá, Colombia. July 2015.

Updating on CDM Course, Ministry of Environment, Housing and Territorial Development, Bogotá D.C, Colombia. 2006

Lead auditor on Quality Management Systems under ISO 9001, ICONTEC, Bogotá, Colombia. 2006.

Lead auditor on OHSAS 18001, ICONTEC, Bogotá D.C. July 2005.

Lead auditor Environmental management system under ISO 14001, ICONTEC, Bogotá, Colombia. 2002.

PROFESSIONAL EXPERIENCE

- ICONTEC (2006 – Actual)

To prepare and perform the certification services assigned as per her Career Plan qualification, according to the stated on the procedures. To provide guidance to the certification costumers about the technical aspects of the assigned services provision. To participate in changing or designing Certification services, by changing or creating the respective procedures.

- ASOCIACION COLOMBIANA DE PORCICULTORES-FNP (2003 – 2006) (Colombian Association of Pig Farmers)

To coordinate the activities to be performed by the Environmental Window Program in the various country areas. To allocate and execute resources engaged under the Cleaner Production agreements signed together with several environmental authorities. To lead the CDM project, focused to reduce methane (CH₄) emissions issued by animal waste.

To be aware of the Ecuadorian and Chilean methodologies already approved by the CDM's Executive Board for Hog Breeding Sector to elaborate a proposal for the hog breeding sector together with the Ministry of Environment, Housing and Territorial Development in order to join farms to CDM projects.

- FICHTNER GmbH & Co. KG (2001 – 2002)

To prepare, design and apply surveys focused to identify power consumption in the sector of slaughter, processed meat and food concentrate for animals

- Regional Environmental Authority (CAR Sumapaz) 1998 – 2001

To support the environmental management unities on technical concepts of processes, permissions, sanctions, control, monitoring and assessment in the proper and timely management of the Sumapaz area's natural resources.

EXPERIENCE IN CDM ACTIVITIES

Lead auditor on validation MDL:

1. Validation of Macano Small Hydro Power Plant, Panamá
2. Validation of Montenegro Landfill Gas Recovery and Flaring, Colombia
3. Validation of Monteria Landfill Gas Recovery and Flaring, Colombia
4. Validation of Pírgua Landfill Gas Recovery and Flaring, Colombia
5. Validation of Tunjita Diversion Hydroelectric Project, Colombia
6. Validation of El Toqui wind power project, Chile
7. Validation of Los Angeles Landfill Gas Flaring Project, Colombia
8. Validation of Ferreira Gomes Hydro Power Plant CDM Project, Brazil
9. Validation of BRASILM 1 - Avoidance of Methane Emissions through Composting of Manure Waste, Brazil
10. Validation of CGR Catanduva Landfill Gas Project, Brazil
11. Validation of Macaubas Landfill Gas Project, Brazil
12. Validation of Palmaceite Wastewater Treatment and Biogas Utilization Project, Colombia
13. Validation of Teresina Landfill Gas Project, Brazil
14. Validation of Maceio Landfill Gas Project, Brazil
15. Validation of SHP Morro Azul CDM Project (JUN1164), Colombia
16. Validation Doña Teresa Small hydro power plant, Colombia
17. Validation Biogas recovery and heat generation from Palm Oil Mill Effluent (POME), Coopeagropal. Costa Rica.
18. Validation Panuco Bagasse Cogeneration Project. México.

Lead auditor on verification MDL:

1. Verification of Biogas energy plant from palm oil mill effluent, Guatemala 2
2. Verification of Doña Juana Landfill gas-to-energy project, Colombia
3. Verification of Tres Valles Cogeneration Project, Honduras
4. Verification of Landfill Gas to Energy Facility at the Nejapa Landfill Site, El Salvador.
5. Verification of La Venta II, México
6. Verification of Jepirachi Wind Power Project, Colombia
7. Verification of Santa Ana Hydroelectric Project, Colombia
8. Verification of BRASCARBON Methane Recovery Project BCA-BRA-01, Brazil
9. Verification of BRASCARBON Methane Recovery Project BCA-BRA-02, Brazil
10. Verification of BRASCARBON Methane Recovery Project BCA-BRA-03, Brazil
11. Verification of Ciudad Juarez Landfill gas-to-energy Project, México.

Lead auditor renewal crediting period:

1. Monte Rosa Bagasse Cogeneration Project (MRBCP)

Lead auditor on other schemes:

1. Validation VCS de Reforestación de áreas de pastura en la Sociedad Agrícola de Interés Social "José Carlos Mariátegui" – Proyecto Joven Forestal, Perú.
2. Validation Gold Standard Energy Efficiency at Ladrillera Alcarraza, Colombia.
3. Validation Gold Standard de Paramonga Bagasse Boiler Project, Perú.
4. Validation and Verification VCS of BRASCARBON Methane Recovery Project BCA-BRA-02, Brazil

5. Validation and Verification VCS of BRASCARBON Methane Recovery Project BCA-BRA-03, Brazil
6. Validation and Verification VCS of BRASCARBON Methane Recovery Project BCA-BRA-05, Brazil
7. Validation and Verification VCS of BRASCARBON Methane Recovery Project BCA-BRA-07, Brazil
8. Validation and Verification VCS of BRASCARBON Methane Recovery Project BCA-BRA-08, Brazil

Technical Expert

1. Validation of ECC methane capture and combustion from AWMS at dairy farms in Mexico – I, México
2. La Calera Biodigesters Project, Perú
3. Verification of Doña Juana Landfill gas-to-energy project, Colombia

Technical Review

1. Validation of Fuel Switching through change of furnaces at Imusa S.A., Colombia
2. Validation of Cervecería Hondureña Methane Capture Project, Honduras
3. Validation of Paysandú Clean Energy, Uruguay
4. Validation of Securitization and Carbon Sinks Project, Chile
5. Validation of METALDOM Fossil fuel switch from reheat furnace, República Dominicana
6. Validation of Reforestation of degraded/degrading land in the Caribbean Savannah of Colombia, Colombia
7. Validation of Co-composting of organic residues in ORO ROJO's Palm Oil Mill at Sabana de Torres, Colombia
8. Validation of EMGEA Small Hydropower (SHP) Run-of-the-River CDM Project Bundle, Colombia
9. Validation of Energy efficiency at Malvinas Gas Plant, Perú
10. Validation of Marañón Hydroelectric Project, Perú
11. Validation of Santa Rita Hydroelectric Plant, Guatemala
12. Verification of Bio energy in General Deheza –Electric power generation from peanut hull and sunflower husk-, Argentina
13. Validation of Biogas project, Olmeca I, Santa Rosa, Guatemala
14. Validation of CTR Rosario Landfill Gas Project, Brazil
15. Validation of SHP Itaguacu CDM Project (JUN 1146), Brazil
16. Validation of Taurichuco Hydropower Project, Perú
17. Validation of Feira de Santana Landfill Gas Project, Brazil
18. Validation of Doña Juana Landfill gas-to-energy Project, Colombia
19. Renovación Inversiones Hondurenas Cogeneration Project
20. Validación SHPs Tambaú, das Pedras and Rio do Sapo CDM Project (JUN1132), Brazil
21. Validación SHPs Poço Fundo and Providência CDM Project (JUN1133), Brazil
22. Validación Santa Rita Hydroelectric Plant, Colombia
23. Validation Conservation and reforestation of degraded areas in Barbosa, Colombia
24. Verification Doña Juana Landfill gas-to-energy Project, Bogotá, Colombia.
25. Verificación Monomeros nitrous oxide abatement project. Barranquilla, Colombia.
26. Verification BRT Bogotá, Colombia: TransMilenio Phase II to IV
27. Verification BRT Macrobus Guadalajara, Mexico
28. Verification Inversiones Hondurenas Cogeneration Project, Honduras.
29. Verification Incauca S. A. Fuel Switch from Coal to Green Harvest Residues CDM Project. Colombia.

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1	La Venta II Project	CDM Project Design Document, registered version 11	20/03/2014	Project information on CDM web page
2	La Venta II Project	Monitoring plan annex of the PDD	20/03/2014	Project information on CDM web page
3	La Venta II Project	Monitoring Report for the first monitoring period Version 2 of the second crediting period,	24/10/2016	PP
4	ICONTEC	Verification Report No. CDMVE-14-006 December, 2014	December 2014	Project information on CDM web page
5	La Venta II Project	20160406 La Venta II ER Calculation 2014-2015 (Spreadsheet for the first period of the second crediting period)	06/04/2016	PP
6	La Venta II Project	<CEDULAS BALANCE DE ENERGÍA.pdf> (18 files, since July 2014 to December 2015) and found an absolute match between them. (18 files for each of the official registries of electricity delivered to the grid)	28/09/2016	PP
7	La Venta II Project	Office Workbooks Balance de Lineas.xls (monthly information of the electricity measured at the point of delivery, at each of the 5 lines and the consumption of the line for auxiliary services at La Venta II)	06/04/2016	PP
8	La Venta II Project	FORMAT 1 and 2 MED 7001.pdf (Procedure for the preparation of the balance of electric power) Internal Procedures		PP
9	La Venta II Project	Format-2156-SG01-R-02.pdf orden de trabajo, (requisition)		PP
10	La Venta II Project	Sistema Integral de Medicion (SIME) (Integral Measurement System)		PP
11	La Venta II Project	Cedula de registro de lecturas mensual" Official monthly reading registry. Form 03G		PP
12	La Venta II Project	Calibration Certificates	15/06/2011.	others
13		Methodology ACM0002, version		Project

	UNFCCC	14: Consolidated methodology for grid-connected electricity generation from renewable sources.		information on CDM web page
14	UNFCCC	Validation and Verification Standard of CDM Executive Board (ver. 09.0)		Project information on CDM web page
15	UNFCCC	Form and guidelines for completing the monitoring report form" Version 05.1 (CDM-MR-FORM)."		Project information on CDM web page
16	IPCC	IPCC 2006, http://www.ipcc-nggip.iges.or.jp		other
17	UNFCCC	GUIDELINES ON THE APPLICATION OF MATERIALITY IN VERIFICATIONS (Version 01.0) EB 69, Annex 6		Project information on CDM web page
18	UNFCCC	Sampling and surveys for CDM project activities and programme of activities. CDM-EB50-A30-STAN		Project information on CDM web page

Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. Remaining FAR from validation and/or previous verification

FAR ID	N/A	Section no.	N/A	Date: N/A
Description of FAR				
Project participant response				Date:
Documentation provided by project participant				
DOE assessment				Date:

Table 2. CL from this verification

CL ID	1	Section no.	C	Date: 12/09/2016
Description of CL				
In SECTION C page 7, Data Crosschecking of MR the statement: " <i>Recently, CFE generation and CFE transmission has been changed the internal point of energy balance, having the High voltage (230 kV) point of the La Venta II's substation as the new one</i> " is not according with the registered PDD, neither with the description diagram, presented in the same section (Fig.2. One line diagram and monitoring point)				
According with the CDM project standard, Appendix 1, paragraph 3. Permanent changes from the registered monitoring plan, applied methodology or applied standardized baseline, this changes must be notified to the EB.				
Project participant response				Date: 24/10/2016

As it was explained and fully documented to the DOE during the site visit, the change of the internal point of energy balance was made for internal, company-wise purposes only, and to respond to the ongoing institutional changes CFE is undertaking in Mexico. Such change of the internal point of energy balance has no impact on the monitoring processes and procedures that remain unchanged and fully in line with the ones described in the registered PDD. On the basis of the exchanges with the DOE during the site visit, the PP understands that the sentence should be removed from the MR.

Documentation provided by project participant

Updated MR version 2 dated 24/10/2016

DOE assessment

Date: 09/11/2016

By the days of the visit to the project site, the institutional changes in the mexican energy sector were been decided. These changes, in the case of La Venta II, would imply that the step up transformer will be owned by the generation area. Nevertheless, in the meantime the delivery point to the transmission area has still been the low tension side of the transformer, with no effects on the emission baseline calculations. Therefore the DOE agree with elimination of the cited statement.

CL ID	2	Section no.	D.2	Date: 12/09/2016
Description of CL				
In section D.2. Data and parameters monitored of MR, The calibrations dates of power meter Type: ION 8500 are not coherent. Since the date of last calibration was on October 4th/2015 and the certificate validity in the mentioned section of MR is October 3rd/2015 (the same year of calibration activity)				
Project participant response				Date: 24/10/2016
<i>The MR has been updated according to the outcome of the site visit.</i>				
Documentation provided by project participant				
<i>Updated MR version 2 dated 24/10/2016</i>				
DOE assessment				Date: 09/11/2016
The MR has been suitably corrected				

CL ID	3	Section no.	D.2	Date: 12/09/2016
Description of CL				
In section D.2. Data and parameters monitored of MR QA/QC procedures: the information is not according with the changes in the internal point of energy balance that was reported previously In SECTION C page 7, Data Crosschecking of MR				
Project participant response				Date: 24/10/2016
<i>No revision of the MR was required as explained in CL1</i>				
Documentation provided by project participant				
<i>Updated MR version 2 dated 24/10/2016</i>				
DOE assessment				Date: 09/11/2016
The MR has been suitably corrected				

CL ID	4	Section no.	HEADING SECTION	Date: 12/09/2016
Description of CL				
In page 1 in the Selected Standardized baseline(s), the information is not according with the definition of Glossary ver. 0.8 (CDM-EB07-A04-GLOS) <i>Standardized baseline: A baseline developed for a Party or a group of Parties, on a sub-national, national or group-of-countries basis rather than on a project basis, to facilitate the calculation of GHG emission reductions and removals by sinks and/or the determination of additionality for CDM project activities or PoAs, while providing assistance for assuring environmental integrity.</i>				
Project participant response				Date: 24/10/2016
<i>The MR has been updated accordingly.</i>				
Documentation provided by project participant				
<i>Updated MR version 2 dated 24/10/2016</i>				
DOE assessment				Date: 09/11/2016

A standardized baseline does not apply to this project, so the correction is Ok.
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Table 3. CAR from this verification

CAR ID	xx	Section no.		Date: DD/MM/YYYY
Description of CAR				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Table 4. FAR from this verification

FAR ID	xx	Section No.		Date: DD/MM/YYYY
Description of FAR				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY