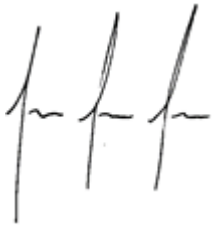
Verification and certification report form for CDM project activities

(Version 03.0)

Complete this form in accordance with the instructions attached at the end of this form.

BASIC INFORMATION	
Title and UNFCCC reference number of the project activity	0846: La Venta II
Scale of the project activity	☒ **Large-scale** ☐ Small-scale
Version number of the verification and certification report	1
Completion date of the verification and certification report	27/01/2020
Monitoring period number and duration of this monitoring period	Monitoring Period: 9 01/01/2017 – 31/12/2018
Version number of the monitoring report to which this report applies	3
Crediting period of the project activity corresponding to this monitoring period	Renewable, (01/07/2014 – 30/06/2021), seven years.
Project participants	Mexico: Comisión Federal de Electricidad; Kingdom of Spain: Ministry of Agriculture, Food and Environment and Ministry of Economy and Competitiveness; AZULIBER 1, S.L.; Comercial De Materiales De Construccion, S.L. (COMAC); Compania Espanola De Petroleos, S.A. (CEPSA); Endesa Generacion, S.A.; Viesgo Generacion, S.L.; Gas Natural SDG, S.A.; Hidroelectrica Del Cantabrico, S.A.; IBERDROLA Generacion S.A.U; Repsol S.A.; Zeroemissions Carbon Trust, S.A.; Cementos Portland Valderrivas S.A.; International Bank for Reconstruction and Development (IBRD) as Trustee of the Spanish Carbon Fund (SCF)
Host Party	Mexico
Applied methodologies and standardized baselines	ACM0002 ver. 14 - Grid-connected electricity generation from renewable sources
Mandatory sectoral scopes	1: Energy industries (renewable - / non- renewable sources)
Conditional sectoral scopes, if applicable	N/A
Estimated amount of GHG emission reductions or GHG removals for this monitoring duration in the registered PDD	329,268 tCO2e
Certified amount of GHG emission reductions or GHG removals for this monitoring period	110,678 tCO2e

Name and UNFCCC reference number of the DOE	Colombian Institute for Technical Standards and Certification (ICONTEC) - E-0024
Name, position and signature of the approver of the verification and certification report	 Juan Sebastián Salazar Technical Director

SECTION A. Executive summary

ICONTEC performed the 3th 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. Follow up interviews with project stakeholders. Since an on-site visit was not conducted, verification was addressed through documental analysis and specific interviews with appropriate personnel.
III. Resolution of outstanding issues and the issuance of the final verification and certification report.

Initially, by May 2019, the PP submitted to ICONTEC the "Monitoring Report 9th MR_LA VENTA II_13 May 2019" in order to address the Verification process, under the current PDD version 11, dated 20/03/14. Along the verification process, from a clarification requested by the DOE, a PRC approval request became necessary. In order to address the PRC request, a new PDD version 12 was raised, dated 30/08/19. The last PDD version 12, is being submitted along with the PRC Validation Report. Version numbers of these documents are provided in Section B.2.5 of a new Monitoring Report version 3.

The review of the monitoring documentation, registered PDD version 11, revised PDD version 12, validation report, previous verification reports and interviews 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 revised PDD version 12. Emission reductions were correctly calculated based on the PDD and the monitoring equipment. The monitoring equipment with an impact on the claimed emission reductions works 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	L / T	Last name	First name	Affiliation	Involvement in

					(e.g. name of central or other office of DOE or outsourced entity)	Desk/document review	On-site inspection	Interviews	Verification findings
1.	Team Leader Verifier	IR	Santos	Diana	Icontec's employee	x	N/A	x	x
2.	Technical Expert	EI	Gómez	Fernando	Freelance	x	N/A	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 and Technical Expert Reviewer (Sectoral Scope 1)	IR	Ramírez	Francy	Icontec's employee
2	Approver	IR	Juan Sebastián	Salazar	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 CO_2/year (**110,678**) 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 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.
	Use of outdated parameters	Low	During the desk review	During the onsite visit,

4	for the calculation of ERs		ICONTEC did not identify the application of outdated parameters in the calculation of the ERs (i.e. the grid emission factor).	ICONTEC checked the overall calculations for emission reductions. No material misstatements were identified.

Given that the emission reduction is lower than 300,000 ton CO_2/year; to assess possible material misstatements it was established a threshold based on the provisions stated in the VVS PA/UN2/ paragraph 329 (c), 2 per cent of the emission reductions, for this project activity:

110,678 tCO2e X 2% = 2,213.56 tCO2e

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 of the MR.

SECTION D. Means of verification

D.1. Desk/document 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:

- PDD version 11, dated on 20/03/2014 /12/
- Monitoring report as submitted to UNFCCC, version 1, dated on 13/05/2019 /3/
- Previous verification report issued by ICONTEC, dated on 27/06/2018 /5/
- Emission reduction calculation file, version 1< La Venta II ER Calculation 2017-2018_13 May 2019>. /6/

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 /UN1/
- CDM validation and verification standard for project activities Version 02.0 /UN2/
- CDM project standard for project activities Version 02.0 /UN3/
- CDM project cycle procedure for project activities Version 02.0 /UN4/
- Guideline on the application of materiality in verifications, version 02.0 /UN5/
- Monitoring report form, version 0.7 /UN6/

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

D.2. On-site inspection

According to VVS paragraph 339, it is not mandatory for the DOE to conduct an on-site inspection at verification for the registered CDM project activity since none of the following conditions are met:

(a) It is the first verification for the DOE with regard to this project activity;

(b) More than three years have elapsed since the last on-site inspection conducted for verification for the project activity; or

(c) The project activity has achieved more than 300,000 t CO2 eq of GHG emission reductions or net anthropogenic GHG removals since the last verification when an on-site inspection was conducted. Based on the fact that none of the above conditions is applicable for this evaluated monitoring period, ICONTEC decides to not conduct an on-site inspection to verify this monitoring period for the VENTA II project.

Icontec confirms that it is the first time that an on-site evaluation is not carried out for the La Venta II project,

ICONTEC carried out an onsite visit on December 2017.

Instead of the onsite visit, review of the monitoring documentation, registered PDD, validation report, previous verification reports and video conference with appropriate personnel allowed ICONTEC to collect enough evidence to completely assess the verification process.

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	25/06/2019	Description of operation of the project activity Status of the Project Maintenance: Cross checking between shutdowns, maintenance activities and MR and La Venta II - CDM Raw Data - Monitoring Compliance of the monitoring activities Calibration activities: Check the calibration plan, calibration certificates and QA/QC procedures and emission reduction calculations. Materiality Considerations	Diana Santos Fernando Gómez
2	Croce	Claudia	IBRD – SCF Finance Specialist Sr. Carbon			
3	Oros A	Maria Eugenia	CFE/CE LA VENTA project's site			
4	Solache M	Daniel	CFE/CE LA VENTA project's site		Description of operation of the project activity 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	Silva	Erick	CFE/CE LA VENTA project's site	25/06/2019	Description of operation of the project activity Status of the Project	

D.4. Sampling approach

ICONTEC checked 100% of project´s information hence, no sampling approach was required.

D.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) 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 (CL1)		
Compliance of the project implementation and operation with the registered PDD			
Post-registration changes			
Compliance of the registered monitoring plan with the methodologies including applicable tools and standardized baselines			
Compliance of monitoring activities with the registered monitoring plan	3 (CL3, CL4, CL5)		
Compliance with the calibration frequency requirements for measuring instruments			
Assessment of data and calculation of emission reductions or net removals	1 (CL2)		
Assessment of reported sustainable development co-benefits			
Global stakeholder consultation			
Others (please specify)			
Total	5		

SECTION E. Verification findings

E.1. Compliance of the monitoring report with the monitoring report form

Means of verification	Monitoring report version 01.0 /3/ (*Monitoring Report 9th MR_LA VENTA II_13 May 2019*) was delivered to ICONTEC by the project participants on May 21st/2019. ICONTEC has made this report publicly available prior to the start of the verification activities on Jun 17th/2019. No comments were received. Visual comparison between the standard Monitoring Report Form and the Monitoring Report form currently used, /UN6/ was made.
Findings	The comparison yield that a valid form of Monitoring Report was not used, so CL1 was raised. A new document "*Monitoring Report in the last version form 7.0Track Changes*" using the valid form was received, and CL1 was closed.

Conclusion	ICONTEC verified through documental review that the latest version of the MR /4/ form was applied for this monitoring period. Therefore, 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 verifications

Although FAR1 was raised initially in the previous Verification, it was suitably solved along that verification process, so no remaining FAR has to be verified now.

Nevertheless, in closing the FAR 1 in the previous verification process, the DOE identified down the following:

"Finally, in the new MR it was clarified, as claimed by the DOE, that Fig.3. General Structure of the new electric industry in Mexico is included only for reference purposes, taking into account that changes in the structure of the electricity market in Mexico due to the energy reform are going to be implemented gradually and are not affecting the current monitoring period. That is why FAR 1 was raised alerting the PP to address post registration changes when the new general structure of the electric industry in México become mandatory, in order to catch their effects on the project monitoring plan, if any".

This matter has been addressed in this verification through CL3 ahead.

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

Means of verification

In order to establish the correspondence between the actual facilities, as related in the Monitoring Report, with those described in the PDD, the physical conditions related to the project characteristics were evaluated throughout comparison of current and previous Monitoring Reports, as well as on site visits of the DOE in former verification process to the project.

The status of implementation, progress and operation's starting date for each phase are shown on the next table:

Table 1. Implementation Status

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. /12/ And the revised PDD v.12 dated 30/08/19 /1/ ICONTEC also verified 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. /UN1/

The starting date of the Crediting Period Renewable crediting period is 01/07/2014, Duration: 7 years 0 months.

The information (data and variables) provided in the monitoring report is not different from that stated in the revised PDD version 12, dated on 30/08/19 /1/.

Findings	No finding was raised on this issue
Conclusion	The audit team can confirm that: • The implementation of the project is consistent with the information provided in the revised PDD. • The project is operated as per the revised PDD. • Information provided in the MR is in accordance with that stated in the revised PDD.

E.4. Post-registration changes

E.4.1. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents[1]

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

[1] Other standards, methodologies, methodological tools and guidelines (to be) applied in accordance with the applied(selected) methodologies are collectively referred to as the other (applied) methodological regulatory documents).

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

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, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents

During verification process the DOE identified that the roll of CENACE - Centro Nacional de Control de Energía (National Center of Energy Control) in the monitoring plan should be clarified, and raised CL3, CL4 and CL5 ahead in Section E.6. *Compliance of monitoring activities with the registered monitoring plan* given the changes in the wholesale electricity market in Mexico, as per the new Law of Electricity Industry. In the responses, the PP clarified that CENACE acquired a roll different to that described in the registered PDD, what gives rise to the post registration change addressed through a new PDD.

The DOE carried out the validation of PRC process and concluded that the proposed permanent change does not disable the PP to implement the registered monitoring plan, likewise concluded that the emission reduction calculations are not affected by this post registration change.

E.4.6. Changes to the project design

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

E.4.7. Changes specific to afforestation and reforestation project activities

N/A

E.5. Compliance of the registered monitoring plan with applied methodologies, applied standardized baselines, and other applied methodological regulatory documents

Means of verification	According to the revised PDD /1/, the CDM project activity "La Venta II" was monitored following the guidelines of the approved monitoring methodology and tool: In this concern was verified that the monitoring plan involve the variable $EG_{facility,y}$ as required by the monitoring methodology according to the Approved consolidated monitoring methodology ACM0002 ver. 14 - Grid-connected electricity generation from renewable sources./UN1/
Findings	There is no any finding for this section.
Conclusion	Therefore, during the verification process, ICONTEC was able to conclude that the monitoring plan is in accordance with the applied methodology.

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 as per comparison above described.

ICONTEC verified that the monitoring plan follows the methodology ACM0002 version 14 /UN1/ and relevant applicable tools.

The following table describes parameters determined ex-ante and not monitored during the monitoring period:

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 tCO_2/MWh	Section B.6.2. Data and parameters fixed ex ante of the PDD: La Venta revised PDD Version 12 dated 30/08/19

The baseline emission factor has not been monitored, as defined in the current revised PDD for the whole crediting period.

According with the validated in the PDD, other parameters determined as fixed ex-ante in the PDD are also not monitored ($NCV_{i,y}$, $EF_{CO2,i,y}$, EG_y, $EG_{m,y}$, $n_{m,y}$, $FC_{i,y}$). These are used to calculate $EF_{grid,CM,y}$,

In the MR these parameters are properly not included.

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

The compliance of the monitoring plan was verified as per comparison above described.

The assessment was performed in accordance with the CDM validation and verification standard for project activities Version 02.0, /UN2/
The monitoring plan follows the methodology ACM0002 version 14 /UN1/

Monitoring parameters related to the GHG emission reductions in the project activity have been implemented in accordance with the monitoring

plan contained in the revised PDD /1/.

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 $EG_{facility,y}$, net electricity generation supplied by the project plant to the grid in year y.

Monitored Parameters

Monitored Parameter	Description	Value	Means of Verification
$EG_{facility,y}$	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y	206,874.80 MWh/yr	**Source of Data and Frequency:** The generation data were presented in the excel file "La Venta II ER Calculation 2017-2018_13 May 2019", showing every 5 minutes records of net generation. These registers have been aggregated monthly and annually to reach 206,874.8 MWh for the whole period. As registered in the Monitoring Report, "*the hourly measurements of the generated electricity are still recording by CFE. As stated and subsequently verified in the monitoring report for the 7th verification, on November 8, 2015, the ION 8500 meter serial number PQ-0604A002-03 was replaced by the meter ION 8650 serial number MW-1407A459-01, which is currently in use (see Figure 2)*" **Data Cross Checking:** 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 "Cedulas Balance de Energía" /7/. 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. In order to verify this cross checking, the DOE compared the hourly data, added monthly, in spreadsheet “La Venta II ER Calculation 2017-2018_13 May 2019” with the <Cedulas Balance de Energia 2017 CE La Venta and Cedulas Balance de Energia 2018 CE La Venta> (24 files, since January 2017 to December 2018) and found an absolute match between them. In addition, ICONTEC verified a further checking process presented by the PP, similar to the one implemented by the DOE in 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 delivery, the 34.5 kV bus bar of the power plant substation.

					This further verification is implemented in the spreadsheet "CROSS-CHECKING 9a verificación 10mayo2019_tabla.xlsx" /8/ where it can be seen that the Net Generation Calculated as described above (Column I) is 206,874.80 MWh whereas that the Net Generation Measured (as reported by CENACE, Column J) is 206,874.80 MWh. The difference of 0.445% (Column N) is smaller, so ICONTEC confirms that EGy values are accurate and dependable. 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. **Consistency Between the QA/QC Defined in the Methodology:** As already explained, measurements results were cross checked with data from "Cédulas de Registro de Lecturas Mensual"/7/, 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. **Consistency Between the QA/QC Established by the Project Participants in the PDD:**

				The DOE verified, by reviewing the Calibration certificates /9/,/10/ that electricity meters used to 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. This is according with the revised PDD. **Application of Default Values:** Not applicable.

Findings	Some questions arose about descriptions in Section C of the Monitoring Report, which driven to the following three clarifications request: CL3 In SECTION C .Description of monitoring system. It should be explained why the creation of a wholesale electricity market (MEM) in Mexico, as per the Law of Electricity Industry, in force since 2014 as mentioned in the description of the monitoring system, which is understood to change the roll of CENACE, does yet not affect the monitoring system of La Venta II project. CL4 In section C - Data Crosschecking It must be widely clarified how the conciliation method is, since in the second paragraph: "*This conciliation consists of an agreement for the energy delivered from the Generation Area to the Transmission Area. Every month (since 2016), both parties are signing an official internal document named "Cédula de Conciliación de Entrega-Recepción de Energía (format 03)" that specifies the amount of electricity delivered. This is the official document used in the cross-checking process and is equivalent to "Cédula de Registro de Lecturas Mensual" indicated in the PDD*", while in the fourth paragraph: "*This conciliation consists of an agreement for the energy delivered from Generation Area to Transmission Area. Every month, both parties sign an official internal document named "Cédula de Registro de Lecturas Mensual" that specifies the amount of delivered. This is the official document used in the cross-checking process*" Further, it must be explained how the crosschecking process is addressed since the delivery point is at 34.5 kV, while the conciliation method is at 230 kV level. CL5 In section C - Data Crosschecking It must be clarified how the document named *"Cédula de Conciliación de Entrega-Recepción de Energía (format 03)" that specifies the amount of electricity delivered* is equivalent to *"Cédula de Registro de Lecturas Mensual"* indicated in the PDD.

Conclusion	A new version of the Monitoring Report was produced by the PP clarifying the above issues, as explained in Appendix 4 "Clarification requests, corrective action requests and forward action requests" ICONTEC can thus conclude that: The monitoring has been carried out in accordance with the monitoring plan contained in the revised PDD. All parameters stated in the monitoring plan of the revised 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.

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	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 9th monitoring period are included in the Table "Monitoring Equipment". Used Equipment: Name: power meter Type: ION 8650 Accuracy Class: 0.2 Serial Number: MW-1407A459-01 Calibration Frequency: once every two years Date of calibration 2017 21/09/2017 Date of calibration 2017 18/09/2018 Validity: 17/09/2019 Previous calibration: 23/09/2016 ***Note:*** *The equipment ION 8500 power meter, was replaced during the7Th monitoring period for a new equipment ION 8650 MW-1407A459-01, from 08/11/2015 onwards, as it was verified in that verification report[2].* The calibration process consists in:

[2] https://cdm.unfccc.int/filestorage/C/A/8/CA8BKRMQ1O64ZU5S9XLJTPW0DV2I3E/0846%20CDM-VCR-FORM%20La%20Venta%20II%2006.09.2018?t=QTJ8cTJxb3UwfDAGd0jB5u_Ci4Tn3UZfUjVk

-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;

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 9th monitoring period from 01/01/2017 to 31/12/2018.

Monitoring Equipment

Parameter	Equipment	Calibration Frequency	Calibration Records	Date of Calibration
Net generation	Equipment ION 8650 MW-1407A459-01	once every two years	Folio No. 2016-581	23/09/2016
			Folio No. 2017-455	21/09/2017
			Folio No. 2018-519	18/09/2018

Findings

There are no findings related with this section

Conclusion

Based on the above mentioned visit, reviewed certifications and verifications, ICONTEC provides a positive opinion on the reliability and accuracy of the metering.

ICONTEC verified that the calibration frequencies (once every two years)

	are according to the PDD and project conditions. The metering will be properly calibrated by CFE at least once every two years. ICONTEC concluded that the calibration is conducted at the frequency specified by the methodology and monitoring plan of the revised PDD.

E.8. Assessment of data and calculation of emission reductions or net removals

According to current PDD, Section B.6.1. Explanation of methodological choices, the baseline emissions are to be calculated as follows:

$$BEy = EG_{PJ,y} \times EFgrid_{,CM,y}$$

Where:
BEy = Baseline emission in year y (tCO2)

$EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh/yr)

$EFgrid_{,CM,y}$ = Combined margin CO2 emission factor for grid connected power generation in year y (tCO2/MWh)

There is no project emissions, neither leakage emissions, so emission reductions are equal to baseline emissions, and given that this is a "greenfield" power plant, $EG_{PJ,y} = EG_{facility,y}$

According to Section B.6.2 $EFgrid_{,CM,y}$ is a parameter fixed ex-ante, so the only parameter to be monitored is $EG_{facility,y}$.

In fact, the Monitoring Report, in Section C *Description of monitoring system,* establishes that "As per the revised PDD, the only parameter to be monitored for the ERs calculation is La Venta II's electricity generation".

E.8.1. Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification

The values for the electricity supplied to the grid, measured at the point of delivery of 34.5 kV equipment ION 8650 MW-1407A459-01) are given in the following table, along with the respective baseline emissions:

Month	Meassured Values Supplied to the grid (MWh) at 34.5 kV (CENANCE)	ERs (tCO_2) by month
ene-17	10,675	5,711
feb-17	10,997	5,883
mar-17	14,385	7,696
abr-17	9,108	4,873
may-17	3,609	1,931
jun-17	2,408	1,288
jul-17	0	0
ago-17	6,703	3,586

	sept-17	674	361
	oct-17	4,939	2,643
	nov-17	12,198	6,526
	dic-17	11,767	6,296
	ene-18	6,530	3,494
	feb-18	7,146	3,823
	mar-18	7,922	4,238
	abr-18	9,879	5,285
	may-18	6,618	3,541
	jun-18	3,809	2,038
	jul-18	16,485	8,819
	ago-18	15,171	8,117
	sept-18	11,328	6,061
	oct-18	13,679	7,318
	nov-18	8,954	4,790
	dic-18	11,888	6,360
	TOTAL	**206,874.80**	**110,678.00**

Expected ERs as per the PDD (tCO2e)	**329,268.00**
Total ERs 01/Jan/17 - 31/Dec/18 (tCO2e)	**110,678.00**

ICONTEC verified that from January 1st, 2017 up to December 31st, 2018, the electricity generation of La Venta II (net of internal consumption) was 206,874 MWh at 34.5 kV, and respective Emissions Reduction were 110,678 tCO_2

Calculations executed by PP in order to determine baseline emissions in the Emission Reductions file /6/ were properly prepared and are in accordance with the methodology ACM0002, version 14 “Consolidated methodology for grid-connected electricity generation from renewable sources” /UN1/.

Findings	There are not findings related to this section
Conclusion	ICONTEC can confirm that: Baseline emissions are equal to the Electricity generation of the Project delivered to grid (net of internal consumption at La Venta II) times the ex-ante baseline emission factor registered in PDD, which is 0.535 tCO_2/MWh for the Mexican grid. 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/. The assumptions, emission factors and default values applied in the MR and the calculations were correctly justified.

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

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

E.8.4. Summary calculation of GHG emission reductions or net anthropogenic GHG removals by sinks

Means of verification	**Emission Reductions** $ER_y = E_{BLy} – PE - L$ Emission reductions are equal to baseline emissions, according to the revised 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. ICONTEC verified that the emission reductions achieved during this monitoring period are lower than the ex-ante values of emission reductions in the revised PDD.
Findings	There are no findings related with this section
Conclusion	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. 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.

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 monitoring period from January 1st, 2017 up to December 31st, 2018, (110,678 tCO_2e), are lower than the ex-ante value (329,268 tCO_2e) of emission reductions in the revised PDD, due to lower energy productions during the monitored period.
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	There were no events or situations during the monitoring period that could

impact the applicability of the methodology.

The total emission reductions for the period are lower than the ex-ante calculations as per the revised 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)".

Moreover, during the onsite visit the DOE verified that the estimated annual generation of 307,728 MWh referred to in the revised 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 and former are as follow:

Jul-Dec 2014: 31.52%
Jan-Dec 2015: 27.22%
Jan-Dec 2016: 25.00%
Jan-Dec 2017: 25.00%
Jan-Dec 2018: 25.00%

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.

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

Means of verification	Given that the verification period (Jan 1st 2017 to Dec 31 2018) is after Jan 1 2013, there is no GHG emission reductions during the first commitment period, and the whole GHG emission reductions (110,678 tCO2e) are from 1 January 2013 onwards.
Findings	No finding was raised on this issue.
Conclusion	ICONTEC deems that the GHG emission reductions have been correctly reported on the period from 1 January 2013 onwards.

E.9. Assessment of reported sustainable development co-benefits

Means of verification	The project activity does not have monitored sustainable development co-benefits.
Findings	No finding was raised on this issue.
Conclusion	Since there is not monitored sustainable development co-benefits of the project activity, it is no necessary to assess this issue by DOE.

E.10. Global stakeholder consultation

Means of verification	No comments were received neither during the public consultation nor at the moment of submission of this report for issuance of certified emissions.
Findings	No finding was raised on this issue.
Conclusion	Since there were no comments in comments in the global stakeholder consultation, it is no necessary to assess the actions taken regarding any comment

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 9th monitoring period 01/01/2017 to 31/12/2018, equating to 110,678 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 3 was submitted to the verification team by the project participants on 25/01/2020.

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

SECTION H. Certification statement

ICONTEC confirms that the monitoring report is complete, transparent and it is in accordance with the revised PDD, relevant CDM requirements and applicable monitoring report form.

ICONTEC confirms that the MR version 3 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 revised 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: 01/01/2017 to 31/12/2018
Baseline emissions: 110,678 tCO2e.
Project emissions: 0 tCO2e
Leakage: 0 tCO2e
Emission Reductions: 110,678 tCO2e.

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_2e	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 he 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 adaptción" (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 PhongWind 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

Francy Ramírez
Lead Technical CDM reviewer
Expert in Sectoral Scope 1.2

Education:

Electrical Engineer. Universidad Los Andes, 2001
Post grade:
Assessment of Social Projects. Universidad Los Andes, 2005
Environmental Management. Universidad Los Andes, 2016

University of Oxford. Course: Applying Knowledge Management, Principle and Practices (December 1st/ 2009).
University of Oxford. Course: Successful Change Management for Engineers, Scientists and Staff in Hi-tech Companies (December 2nd 2009).
University of Oxford. Course: Essentials of Project Management for Engineers, Scientists and Staff in Hi-tech Companies (December 3rd 2009).
University of Oxford. Course: Advanced Project Management for Engineers, Scientists and Staff in Hi-tech Companies (December 4th 2009).
Climate Change, Trade and Standardization - in a development perspective". Stockholm, Sweden(23 and 25 November 2009)
ISO global workshop on Greenhouse Gas Schemes Addressing Climate Change – How ISO Standards Help, Stockholm, Sweden. (20 and 21st November 2009)
Conference on Climate Change – Deforestation and Standardization. Bali, Indonesia (31st May and 1st June 2010)

Professional Background:
ICONTEC (2005 - 2010)
Professional of Standardization
Planning, coordinate, implement and ensure compliance with the program of national standardization in technical committees among which are electrical installations, electrical power quality, electrical transformers, substations and equipment for medium and high voltage, lighting, appliances and electrical accessories, protection against lightning strikes and electrical equipment. Develop technical standards. Develop and manage special projects assigned. Participate in programs of regional and international standardization.

CODENSA (2002 - 2005)
Inspections and electrical works coordinator
Supervise field work and download the results in the central information system, evaluate the inspections performed, reconciled with contractors, addressing the results of inspections to different areas of the company, charging inspections and electrical work to clients of the firm , coordination and support group field sales engineers, technical training for technical staff, administrative support to department business processes and lost control, maintenance of the database for internal management inspections. Project Leader for the Optimization of Technical Processes and Regional Trade in Cundinamarca.

CDM Experience
Lead Auditor

• Validation of Guanaquitas 9.74 MW hydroelectric project, Colombia
• Validation of Fuel Switching through change of furnaces at Imusa S.A., Colombia
• Validation of Installation of a high-pressure/high-efficiency bagasse boiler to cogenerate heat and power, Argentina
• Validation of Cueva Maria Hydroelectric Expansion Project, Guatemala

• Validation of Paysandú Clean Energy, Uruguay
• Validation of La Vegona Hydroelectric project, Honduras
• Validation of Chamelecón 280 Hydroelectric project, Honduras
• Validation of Pardos SHPs and LOGICarbon CDM Project, Brazil
• Validation of Pequi and Sucupira SHPs and LOGICarbon CDM Project, Brazil
• Validation of Cambará and Embaúba SHPs and LOGICarbon CDM Project, Brazil
• Validation of Bonyic hydroelectric project, Panamá
• Validation of METALDOM Fossil fuel switch from reheat furnace, República Dominicana
• Validation of Toachi – Pilaton Hydroelectric Project, Ecuador
• Validation of EMGEA Small Hydropower (SHP) Run-of-the-River CDM Project Bundle, Colombia
• Validation of Energy efficiency at Malvinas Gas Plant, Perú
• Validation of Marañon Hydroelectric Project, Perú
• Validation of Santa Rita Hydroelectric Plant, Guatemala
• Validation of Ventana, Suba and Usaquén Hydroelectric CDM Bundled, Colombia
• Verification of Los Algarrobos hydroelectric project, Panamá
• Verification of Bio energy in General Deheza –Electric power generation from peanut hull and sunflower husk-, Argentina
• Validation of Taurichuco Hydropower Project, Perú
• Validation of Aguafresca Multipurpose and Environmental Service Project, Colombia
• Verification of Agua Fresca Multipurpose and Environmental Service Project, Colombia
• Verification of La Joya Hidroelectric project, Costa Rica
• Verification of Amaime Minor Hydroelectric Power Plant, Colombia

Specialist:

• Validation of Rio Bonito and Baitaca SHPs and LOGICarbon CDM Project, Brazil
• Validation VCS of Pequi and Sucupira SHPs and LOGICarbon CDM Project, Brazil
• Verification of three crediting periods of La Vuelta and la Herradura hydroelectric project, Colombia

CDM Technical Reviewer:

• Validation of improving energy efficiency in a new Gas Plant in Gibraltar - Colombia
• Validation of Tres Valles Cogeneration Project, Honduras
• Validation of Tunjita Diversion Hydroelectric Project, Colombia
• Validation of Ferreira Gomes Hydro Power Plant CDM Project, Brazil
• Verification of two crediting periods of La Venta II, México
• Verification of two crediting periods of La Joya Hidroelectric Project, Costa Rica
• Verification of Bio energy in General Deheza –Electric power generation from peanut hull and sunflower husk-, Argentina
• Verification of Tres Valles Cogeneration Project, Honduras
• Verification of Agua Fresca Multipurpose and Environmental Services, Colombia
• Verification of La Venta II, México
• Verification of two crediting periods of Fertinal Nitrous Oxide Abatement Project, México
• Verification of Co-composting of EFB and POME project, Guatemala
• Verification of Biogas Project, Olmeca III, Tecun Uman, Guatemala
• Verification of Jepirachi Wind Power Project, Colombia
• Verification of Biogas energy plant from palm oil mill effluent, Guatemala
• Verification of Santa Ana Hydroelectric Project, Colombia
• Validation of SHP Morro Azul CDM Project (JUN1164), Colombia
• Verification of Biogas Project, Olmeca III, Tecun Uman, Guatemala

Specialist Technical Reviewer

• Validation of Biogas project, Olmeca I, Santa Rosa, Guatemala
• Validation of CGR Catanduva Landfill Gas Project, Brazil
• Validation of Macaubas Landfill Gas Project, Brazil.

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 12	Dated 30/08/19	Other
2	La Venta II Project	Monitoring plan annex of the PDD	Dated on 30/08/19	Other
3	La Venta II Project	Monitoring Report 9th MR_LA VENTA II_13 May 2019	Dated on 13/05/2019	PP
4	La Venta II Project	Monitoring Report_v7.0_9th MR_LA VENTA II_9th March 2020	Dated on 25/01/2020	PP
5	ICONTEC	Previous verification report for 8th monitoring period of second crediting period (01/01/2016 – 31/12/2016), version 02.0	Dated on 27/06/2018	Other
6	La Venta II Project	La Venta II ER Calculation 2017-2018_13 May 2019. xlsx	Dated on 13/05/2019	PP
7	La Venta II Project	<CEDULAS BALANCE DE ENERGÍA.pdf> (24 files, since January 2017 to December 2018) and found an absolute match between them.	Dated on 13/05/2019	PP
8	La Venta II Project	CROSS-CHECKING 9a verificación 10mayo2019_tabla. xlsx	Dated on 10/05/2019	PP
9	La Venta II Project	Reportes de Calibracion Medidores_2017	Dated on 25/06/2019	PP
10	La Venta II Project	Reportes de Calibracion Medidores_2018	Dated on 25/06/2019	PP
11	La Venta II Project	Copia de TABLA DE CALIBRACIÓN DE MEDIDORES CIRCUITOS LA VII	Dated on 25/06/2019	PP
12	La Venta II Project	PDD version 11	Dated on 20/03/2014	PP
13	La Venta II Project	PDD version 12	Dated on 30/08/2019	PP
/UN1/	UNFCCC	Methodology ACM0002, version 14: Consolidated methodology for grid-connected electricity generation from renewable sources.		PP
/UN2/	UNFCCC	CDM validation and verification standard for project activities, version 02.0		Other
/UN3/	UNFCCC	CDM project standard for project activities, version 02.0		Other
/UN4/	UNFCCC	CDM project cycle procedure for		Other

		project activities, version 02.0		
/UN5/	UNFCCC	Guideline on the application of materiality in verifications, version 02.0		Other
/UN6/	UNFCCC	Monitoring report form, version 07.0		Other

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

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

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

Table 2. CL from this verification

Table 3. CL from this verification

CL ID	1	**Section no.**		**Date:** 17/06/2019
Description of CL				
Monitoring Report Form The monitoring report form must be actualized to new version of document 07.0				
Project participant response				**Date:** DD/MM/YYYY
The MR has been updated to new version 07.0				
Documentation provided by project participant				
MR version 2				
DOE assessment				**Date:** DD/MM/YYYY
OK. Closed				

CL ID	2	Section no.		Date: 17/06/2019

Description of CL

In Heading Table

Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD: The figure set out (164,634 tCO2e) is the annual average, while the monitoring period is two years.

Further, in Section E.5 Comparison of emission reductions or net anthropogenic removals achieved with estimates in the registered PDD, the Amount achieved during this monitoring period, which is two years long (110,678 t CO_2e) is compared with Annual Amount estimated ex ante (164,634 t CO_2e). Correction should be made and respective analysis adjusted.

Project participant response | **Date:** 01/07/2019

The Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for the monitoring period has been corrected to be 329,268 tCO2e in page 2 and Section E.5

Documentation provided by project participant

MR version 2

DOE assessment | **Date:** 10/07/2019

The PP response is not satisfactory. The Section E.5.1. "**Explanation of calculation of amount estimated ex ante for this monitoring period in the PDD**" is intended to provide explanation of calculation of amount estimated ex ante for this monitoring period in the PDD, transparently, based on the ex ante estimation in the registered PDD (See Monitoring report form for CDM project activity, Version 07.0, Attachment. Instructions for completing this form)

Besides that, Section E.6 "**Remarks on increase in achieved emission reductions",** does not apply in this case, since actual emission reduction achieved are lower than those estimated. Nevertheless, would the PP keep commenting about decrease in actual emission reductions compared with those estimated, comments should be actualized when passing the ex ante estimation from 164,634 tCO2e to 329,268 tCO2e.

Project participant response | **Date:** 24/07/2019

Section E.6 "Remarks on increase in achieved emission reductions" has been amended by deleting the comments about the decrease in actual emission reductions compared with those estimated as follows: "*The total emission reductions for the period are lower than the ex-ante calculations as per the registered PDD hence there is no need to provide explanation of any increase*."

DOE assessment | **Date:** 10/07/2019

A new section (Section E.5.1) was introduced in the MR with the explanation required, as asked by the Instructions for completing the MR form.
Besides, Section E.6 was satisfactory amended.
Closed

CL ID	3	Section no.		Date: Date: 17/06/2019

Description of CL

In SECTION C .Description of monitoring system.

It should be explained why the creation of a wholesale electricity market (MEM) in Mexico, as per the Law of Electricity Industry, in force since 2014 as mentioned in the description of the monitoring system, which is understood to change the roll of CENACE, does yet not affect the monitoring system of La Venta II project.

Project participant response	Date: 01/07/2019

Explanation of the changes in the wholesale electricity market (MEM) in Mexico has been included in Section C with roles and interrelation between CFE and CENACE

Documentation provided by project participant

MR version 2

DOE assessment	Date: 10/07/2019

Explanation of the changes in the wholesale electricity market in Mexico, included in Section C "**Description of monitoring system",** although appropriated, does not respond to what it was required, i.e. why the creation of a wholesale electricity market (MEM) in Mexico, as per the Law of Electricity Industry, in force since 2014 as mentioned in the description of the monitoring system, which is understood to change the roll of CENACE, does yet not affect the monitoring system of La Venta II project.

Further, it should be clarified whether the Centro Nacional de Control de Energía (CENACE, the system operator) remains being the sole provider of La Venta II's generation data, as claimed in the PDD, Section **B.7.3. Other elements of monitoring plan**.

Project participant response	Date: 24/07/2019

The following clarification has been added in Section C "**Description of monitoring system": "***La Venta II project started operations in 2007, which means it was fully operational when the MEM was enforced in 2014. Therefore, since la Venta II project started operations before MEM´s enforcement, it did not affect the monitoring system of the project activity. Specifically, the meter (ION 8500) indicated in the PDD as the point of delivery at 34.5 kV, is the same metering point before and after the appearance of the MEM. Moreover, the consequences of the MEM creation only changed the administrative roles of La Venta II (as a new generator in the market) related to CENACE (the system operator).*"

Moreover, we confirm that CENACE is not the sole provider of La Venta II's generation data anymore.

Documentation provided by project participant

MR version 2

DOE assessment	Date: 22/08/2019

The statement "*Moreover, we confirm that CENACE is not the sole provider of La Venta II's generation data anymore*" establish a condition which is just the opposite to the following statement in PDD, Section B.7.3 Other elements of monitoring plan: "*The PDD specifies that Centro Nacional de Control de Energia (CENACE, the system operator) will be the sole provider of La Venta II's generation data. The hourly measurements of the electricity generated by La Venta II are recorded by CENACE from the meter located in La Venta II substation*", which imply a permanent change in the elements of the Monitoring Plan.
This is a Post Registration Change which must be suitably addressed following the commands in the CDM project standard for project activities, Section 8. POST-REGISTRATION CHANGES

CL ID	4	**Section no.**		**Date:** 17/06/2019

Description of CL

In section C - Data Crosschecking

It must be widely clarified how the conciliation method is, since in the second paragraph: "*This conciliation consists of an agreement for the energy delivered from the Generation Area to the Transmission Area. Every month (since 2016), both parties are signing an official internal document named "Cédula de Conciliación de Entrega-Recepción de Energía (format 03)" that specifies the amount of electricity delivered. This is the official document used in the cross-checking process and is equivalent to "Cédula de Registro de Lecturas Mensual" indicated in the PDD*", while in the fourth paragraph: "*This conciliation consists of an agreement for the energy delivered from Generation Area to Transmission Area. Every month, both parties sign an official internal document named "Cédula de Registro de Lecturas Mensual" that specifies the amount of delivered. This is the official document used in the cross-checking process*"

Further, it must be explained how the crosschecking process is addressed since the delivery point is at 34.5 kV, while the conciliation method is at 230 kV level.

Project participant response **Date:** 01/07/2019

The section C - Data Crosschecking has been ammended by deleting the references to the sample documents "Cédula de Conciliación de Entrega-Recepción de Energía (format 03)" and "Formato de Formalización por punto de Medición", since the document is not applicable anymore. Under such amendment, the fourth paragraph "*This conciliation consists of an agreement for the energy delivered from Generation Area to Transmission Area. Every month, both parties sign an official internal document named "Cédula de Registro de Lecturas Mensual" that specifies the amount of delivered. This is the official document used in the cross-checking process*." has been deleted.

The conciliation method between the CFE Generation Areas are CFE Transmission through the "Cédula de Registro de Lecturas Mensual" is conducted at 34.5 kV so no values need to be addressed.

Documentation provided by project participant

DOE assessment **Date:** 10/07/2019

Now it is clear that conciliation of energy delivered by La Venta II at 34.5 kV level, between Generation Area and Transmission Area is through signing the “Cédula de Registro de Lecturas Mensual”, as specified in the PDD. Nevertheless, regarding the new statement in the Monitoring report: “*Furthermore, under the current monitoring period, measurement data at 230 kV (ION 8650 serial number MW-1208A157-01) has been used to crosscheck the energy delivered at 34.5 kV (see Figure 2)*”, the DOE keeps inquiring about how the crosschecking process is addressed.

Project participant response	**Date:** 24/07/2019
We would like to further clarify that the “Cédula de Registro de Lecturas Mensual” includes both 34.5 kV meter data and 230 kV meter data. The raw data obtained from the 34.5 kV meter (point of delivery) is compared to the data from the 5 circuits at 34.5 kV meters subtracting and distributing the consumed energy plus de energy losses at the transformer using 230 kV measured data (we have only one meter of own services and 230 kV meter and that energy is "distributed" at the five circuits weighted respect to the energy generated from each one to estimate individual own services referred at 230 kV). After this data from the 34.5 kV at the delivery point is compared to the 230 kV meter data, in order to have a second crosscheck of the 34.5 kV measured values. In order to further clarify, we attach one example from Oct-17 of "Cédula de Registro de Lecturas Mensual” with comments to illustrate the crosschecking process.	
DOE assessment	**Date:** 10/07/2019
With the new explanation, the crosschecking process has been clarified. Closed	

CL ID	5	**Section no.**		**Date:** 17/06/2019
Description of CL				
In section C - Data Crosschecking It must be clarified how the document named *"Cédula de Conciliación de Entrega-Recepción de Energía (format 03)" that specifies the amount of electricity delivered* is equivalent to *"Cédula de Registro de Lecturas Mensual"* indicated in the PDD.				
Project participant response				**Date:** 01/07/2019
As per the responses in CL4, the document "Cédula de Conciliación de Entrega-Recepción de Energía (format 03)” has been deleted in the MR (not used anymore) and it has been referenced to the "Cédula de Registro de Lecturas Mensual" as per the PDD.				
Documentation provided by project participant				
MR version 2				
DOE assessment				**Date:** 10/07/2019
The inquired clarification about document names was made. Closed				

Table 4. 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 5. 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

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Document information

Version	*Date*	*Description*
03.0	31 May 2019	Revision to: • Ensure consistency with version 02.0 of the "CDM validation and verification standard for project activities" (CDM-EB93-A05-STAN); • Make structural and editorial improvements.
02.1	11 January 2018	Editorial revision to correct the numbering of appendices in the instructions.
02.0	31 October 2017	Revision to align with the requirements of the "CDM validation and verification standard for project activities" (version 01.0).
01.0	23 March 2015	Initial publication.

Decision Class: Regulatory
Document Type: Form
Business Function: Issuance
Keywords: project activities, verifying and certifying