

CDM VALIDATION REPORT

**International Bank for Reconstruction and
Development (IBRD) as trustee of the
Spanish Carbon Fund (SCF)**

**RENEWAL OF THE CREDITING PERIOD
OF THE PROJECT ACTIVITY:**

La Venta II

AENOR REFERENCE: 2014/018/CDM/05

VERSION: 02

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Validation Report:	AENOR Reference n°:	Version of this report:	Date:	
	2014/018/CDM/05	02	16/04/2014	
PDD:	Title:	GSC publication date:	Comments received:	
	La Venta II	-	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	
Parties involved:	Host Party:	Other involved Parties:		
	Mexico	Spain		
Project Participant(s):	In host Party:	In other involved Parties:		
	Comisión Federal de Electricidad	Kingdom of Spain - Ministry of Agriculture, Food and Environment and Ministry of Economy and Competitiveness		
	International Bank for Reconstruction and Development (IBRD) as Trustee of the Spanish Carbon Fund (SCF)	AZULIBER 1, S.L.		
		Comercial De Materiales De Construccion, S.L. (COMAC)		
		Compania Espanola 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.		
	International Bank for Reconstruction and Development (IBRD) as Trustee of the Spanish Carbon Fund (SCF)			
Size of the project activity:	<input type="checkbox"/> Small scale <input checked="" type="checkbox"/> Large scale			
Applied methodology/ies:	Title:	Code:	Version:	Scope:
	Grid-connected electricity generation from renewable sources	ACM0002	14.0.0	01
Applied tools:	Title:	Version:		
	Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period	03.0.1		
	Title:	Version:		
	Tool to calculate the emission factor for an electricity system	04.0		

* The comments are detailed in Section 4 of this Validation Report

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Emission reductions (ER): <input checked="" type="checkbox"/> Annual average of the ER (tCO₂e) <input type="checkbox"/> Total ER (tCO₂e)	PDD sent for notification of renewal the crediting period:	Final PDD:	
	134,780	164,634	
Previous versions of this document:		Version:	Date:
		1	15/04/2014
		2	
Report prepared by:	Climate Change Unit. AENOR		

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Abbreviations

AENOR	Spanish Association for Standardization and Certification
ACM0002	Consolidated baseline methodology for grid-connected electricity generation from renewable sources version 14.0.0
BM	Build Margin
CAR	Corrective action request
CL	Clarification
CDM	Clean Development Mechanism
CER	Certified emission reductions
CFE	Federal Electricity Commission/Comision Federal de Electricidad
CM	Combined Margin
CMP	Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol
DNA	Designated National Authority
EB	Executive Board of the CDM of the Kyoto Protocol
GHG	Greenhouse Gasses
GWh	Giga Watt hour
FAR	Forward Action Request
IPCC	Intergovernmental Panel on Climate Change
IBRD	International Bank for Reconstruction and Development
LoA	Letter of Approval
MP	Monitoring plan
MW	Mega Watt
MWh	Mega Watt hour
OM	Operating Margin

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PCP	Project Cycle Procedure
PDD	Project Design Document
PP	Project Participant
SENER	Secretary of Energy
SIN	Interconnected National System of the Mexican Grid
TA	Technical Area
tCO _{2e}	Carbon Dioxide Equivalent Tonnes
TJ	Terajoule
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard version 06.0

Table 1: Abbreviations

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1 INTRODUCTION

This validation concerns a project implemented by the project participants (PP), in Mexico to reduce emissions of CO₂ by generating renewable energy coming from wind resources. The objectives of the validation exercise are to confirm that the original baseline is still valid and has been updated taking into account the new applicable data, the project meets the necessary CDM criteria, the project follows the latest version of the approved methodology ACM0002 /1/, and that the proposals presented in the PDD will lead to a realistic determination of the emissions reductions.

1.1 Objective

The International Bank for Reconstruction and Development (IBRD) as trustee of the Spanish Carbon Fund (SCF) has commissioned AENOR to perform a validation of the renewal of the crediting period of the project La Venta II. The purpose of a revalidation is to have an independent third party assessment of the project in order to request the renewal of the project's crediting period. This validation opinion summarizes the findings of the revalidation of the project, performed on the basis of UNFCCC criteria for the CDM, as well as criteria given to provide for consistent operation, monitoring and reporting. UNFCCC criteria refer to Article 12 of the Kyoto Protocol, the CDM modalities and procedures and the subsequent decisions by the CDM Executive Board, in particular the CDM Validation and Verification Standard version 06.0 /2/, CDM Project Cycle Procedure version 06.0 /3/, the CDM Project Standard version 06.0 /4/ and the methodological tool "Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period" version 03.0.1 /5/

La Venta II was registered with reference number 0846 on 25/06/2007 as a CDM project with a renewable 7 years crediting period. The project's first crediting period was from 01/07/2007 to 30/06/2014. The second crediting period corresponds to the period from 01/07/2014 to 30/06/2021.

1.2 Scope

The scope of the validation is to assess all the aspects described in the CDM Project Standard version 06.0 related to the purpose of renewal of the crediting period project relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.

The following documents were reviewed as part of the scope of the activity:

- PDDs including baseline study and monitoring plan. /6/7/
- Approved Methodology: ACM0002 version. 14.0.0.
- CDM Validation and Verification Standard version 06.0
- CDM Project Cycle Procedure version 06.0.
- CDM Project Standard version 06.0.

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- Tool “Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period” version 03.0.1.
- Tool to calculate the emission factor for an electricity system version 04.0. /8/

The validation scope is defined as an independent and objective review of the project design document, the project’s baseline study and monitoring plan and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations. AENOR, based on the Specific Instruction for Validation, Verification and Certification of Clean Development Mechanism (CDM) Project Activities (IE/DTC/039) /9/, and the Validation and Verification Standard, has used a risk-based approach in the validation, focusing on the identification of significant risks for project implementation and the generation of CERs.

The validation is not meant to provide any consultancy services to the Client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the PDD.

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2 METHODOLOGY

The project revalidation assessment aims at being a risk-based approach and is based on the methodology developed in the Validation and Verification Standard, an initiative of designated and applicant entities, which aims to harmonize the approach and quality of all such assessments.

The validation of the renewal of the crediting period began in January 2014 and was concluded in April 2014. The revalidation was performed in the manner of an audit, where, a desk review of the PDD was undertaken against the latest version of the approved methodology and CDM and other relevant criteria applying to the project.

In order to ensure transparency, a validation protocol was customized for the revalidation of the project. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results derived from validating the identified criteria.

The validation protocol serves the following purposes:

- It organizes, provides details and clarifies the requirements a CDM project is expected to meet.
- It ensures a transparent validation process where the validator will document how a particular requirement has been validated and the result of the validation.

The sequence of the validation is given in the table below:

Topic	Date
Notification by the PPs of their intention to request a renewal of crediting period of the registered CDM project activity by submitting an updated PDD	18/12/2013
Validation Protocol - version 01.	30/01/2014
Final Validation Report	16/04/2014

Table 2: Sequence of the main validation activities

2.1 Appointment of team members and technical reviewers

The list of involved personnel and the qualification status are summarized in the table below:

Name	Qualification	
	Position in the team	Technical areas
Marcelino Pellitero Martinez	Chief Validator	TA 1.2
Alfonso Medrano Gutierrez	Technical Reviewer	TA 1.2

Table 3: List of the personnel involved.

Technical areas (TA) mentioned above correspond to the following:

TA code	Technical area
TA 1.1	Thermal energy generation from fossil fuels and biomass including thermal electricity from solar (COMPLEX);
TA 1.2	Energy generation from renewable energy sources.
TA 2.1	Electricity distribution;
TA 2.2	Heat distribution
TA 3.1	Energy demand
TA 4. 1	Cement sector (COMPLEX);
TA 4.2	Aluminum (COMPLEX);
TA 4.3	Iron and steel (COMPLEX);
TA 4.4	Refinery (COMPLEX)
TA 5.1	Chemical process industries (COMPLEX).
TA 6.1	Construction.
TA 7.1	Transport.
TA 8.1	Mining and mineral processes, excluding those included in TA 8.2 below;
TA 8.2	Oil and gas industry, coal mine methane recovery and use (COMPLEX).
TA 9.1	Metal production.
TA 10.1	Mining and mineral processes, excluding those included in TA 10.2 below;
TA 10.2	Oil and gas industry, coal mine methane recovery and use (COMPLEX).

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TA code	Technical area
TA 11.1	Chemical process industries (COMPLEX);
TA 11.2	GHG capture and destruction.
TA 12.1	Chemical process industries (COMPLEX).
TA 13.1	Waste handling and disposal;
TA 13.2	Animal waste management.
TA 14.1	Forestry
TA 15.1	Agriculture
TA 15.2	Animal waste management.

Table 4: List of Technical Areas

2.2 Document review

The Project Design Document submitted by the PP was reviewed against the approved methodology and against CDM and other relevant criteria. Additional background documents related to the project design, rules and regulations issued by the government and baseline were also validated.

To address the corrective actions and clarification requests that arose from the desk review, the consultants revised the initial project design document submitted and developed the final PDD.

2.3 Follow-up actions

Interviewed organization Person/Position	Interview topics
Patricia Marcos Huidobro. International Bank for Reconstruction and Development (IBRD). Carbon Finance Specialist.	<p>Update of Methodology issues.</p> <p>Baseline review: electricity production, OM and BM, efficiencies, most recent data...).</p> <p>CERs calculations and related issues.</p> <p>Monitoring plan review, including the assessment of monitoring instruments.</p> <p>QA/QC, internal records, data management and control.</p> <p>Evidences of all information included in the updated PDD.</p> <p>Validity of the original baseline or its update through the assessment of documental evidences.</p> <p>Assessment of the impact of new relevant national and/or sectoral policies and circumstances on the baseline.</p>

Table 5. Interview topics

2.4 Findings

As an outcome of the validation process, the team can raise different types of findings according to the CDM Validation and Verification Standard.

A Clarification Request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable CDM requirements have been met.

Where a non-conformance arises the validation team shall raise a Corrective Action Request (CAR). A CAR is issued, where:

- The project participants have made mistakes that will influence the ability of the project activity to achieve real, measurable additional emission reductions;
- The CDM requirements have not been met;
- There is a risk that emission reductions cannot be monitored or calculated.

Failure to address a CL may result in a CAR. Information or clarifications provided as a result of a CL may also lead to a CAR.

A Forward Action Request (FAR) is raised during validation to highlight issues related to project implementation that require review during the first verification of the project activity. FARs shall not relate to the CDM requirements for registration.

The project participants were requested to address all validation findings and finally provided the validation team with sufficient evidence to determine that the applicable CDM requirements have been met. The project participant modified the initial PDD to resolve the validation team concerns and resubmitted a final version of the PDD. AENOR has prepared this report based on the final PDD.

All the validation findings are summarized in section 3 below and documented in more detail in section 6 and in the validation protocol included in Annex 1.

2.5 Internal Quality Control

Following the completion of the assessment process by the validation team, all documentation undergoes an internal quality control through a technical review before submission to the CDM-EB. The Technical reviewer is a qualified member of AENOR, independent from the team that carried out the validation of the project activity. The technical reviewer or the team appointed for the technical review are qualified in the technical area(s) and sectoral scope(s) of the project activity.

3 VALIDATION FINDINGS

3.1 Approval and Participation

In accordance with paragraph 263 of the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period no new Letters of Approval are required, and all the documents provided at the moment of requesting registration and during the first crediting period are still valid.

AENOR team has verified by consulting the UNFCCC website that all Project Participants obtained the corresponding Letter of Approval from parties involved.

3.2 Project Design Document

The PDD of La Venta II has been prepared in accordance with latest form /10/ and the Guidelines for completing the CDM- PDD /11/.

In accordance with CDM project cycle procedure, the project participants have notified the UNFCCC about their intention to request a renewal of the crediting period for the project activity and the selection of AENOR as DOE of the request. The notification /12/ was sent to the UNFCCC on 18/12/2013. The UNFCCC Secretariat acknowledged that notification on 19/12/2013. /13/

Due to the clarifications and corrective actions requested during the validation process, the PP has made a final version of the PDD dated on 20/03/2014, which includes all issues raised to the PP either corrected or clarified.

3.3 Project description

Since the current validation process is for the renewal of the crediting period of a project already registered, the assessment did not focus on the project design. The project activity is already implemented and it is generating CERs.

3.4 Baseline methodology

The project was registered applying the methodology ACM0002, version 6 "Consolidated methodology for grid-connected electricity generation from renewable sources"/14/. For the renewal of crediting period, the project applies version 14.0.0 of ACM0002, which is the latest version currently available, as well as the applicable tools stated in it.

This methodology is applicable as the project is a renewable energy generation unit (wind farm) that supplies electricity to the National Interconnected System (SIN); and the project activity was a new energy generation when it was registered as a CDM activity /15/.

The applicability conditions from the methodology have been re-assessed by the validation team and are considered correct. The assessment was carried out for each applicability criteria according to the following:

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Applicability Conditions of ACM0002 version 14.0.0	Assessment by AENOR
<p>This methodology is applicable to grid-connected renewable power generation project activities that:</p> <p>(a) install a new power plant at a site where no renewable power plant was operated prior to the implementation of the project activity (greenfield plant); (b) involve a capacity addition; (c) involve a retrofit of (an) existing plant(s); or (d) involve a replacement of (an) existing plant(s).</p>	<p>The project activity involves the installation of a grid-connected new power plant at a site where no renewable power plant was operated prior to the implementation of the project activity (greenfield plant)</p> <p>Therefore AENOR considers that the project activity meets the applicability criterion.</p>
<p>The project activity is the installation, capacity addition, retrofit or replacement of a power plant/unit of one of the following types: hydro power plant/unit (either with a run-of-river reservoir or an accumulation reservoir), wind power plant/unit, geothermal power plant/unit, solar power plant/unit, wave power plant/unit or tidal power plant/unit;</p>	<p>The project activity involves the installation of a wind power plant.</p> <p>Therefore AENOR considers that the project activity meets the applicability criterion.</p>
<p>In the case of capacity additions, retrofits or replacements (except for wind, solar, wave or tidal power capacity addition projects which use Option 2: on page 10 to calculate the parameter $EG_{p,y}$): the existing plant started commercial operation prior to the start of a minimum historical reference period of five years, used for the calculation of baseline emissions and defined in the baseline emission section, and no capacity expansion or retrofit of the plant has been undertaken between the start of this minimum historical reference period and the implementation of the project activity.</p>	<p>The project activity is not a capacity addition, retrofit or replacements.</p> <p>Therefore, this condition is not applicable for the proposed project activity</p>
<p>In case of hydro power plants:</p> <p>One of the following conditions must apply:</p> <ul style="list-style-type: none"> • The project activity is implemented in an existing single or multiple reservoirs, with no change in the volume of any of reservoirs; or 	<p>The project activity is not a hydro power plant.</p> <p>Therefore, this condition is not applicable for the proposed project activity.</p>

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Applicability Conditions of ACM0002 version 14.0.0	Assessment by AENOR
<ul style="list-style-type: none"> • The project activity is implemented in an existing single or multiple reservoirs, where the volume of any of reservoirs is increased and the power density of each reservoir, as per the definitions given in the Project Emissions section, is greater than 4 W/m^2; or • The project activity results in new single or multiple reservoirs and the power density of each reservoir, as per the definitions given in the Project Emissions section, is greater than 4 W/m^2. 	
<p>In case of hydro power plants using multiple reservoirs where the power density of any of the reservoirs is lower than 4 W/m^2 all the following conditions must apply:</p> <ul style="list-style-type: none"> • The power density calculated for the entire project activity using equation 5 is greater than 4 W/m^2; • Multiple reservoirs and hydro power plants located at the same river and where are designed together to function as an integrated project that collectively constitute the generation capacity of the combined power plant; • Water flow between multiple reservoirs is not used by any other hydropower unit which is not a part of the project activity; • Total installed capacity of the power units, which are driven using water from the reservoirs with power density lower than 4 W/m^2, is lower than 15MW; • Total installed capacity of the power units, which are driven using water from reservoirs with power density lower than 4 W/m^2, is less than 10% of the total installed capacity of the project activity from 	<p>The project activity is not a hydro power plant. Therefore, this condition is not applicable for the proposed project activity.</p>

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Applicability Conditions of ACM0002 version 14.0.0	Assessment by AENOR
multiple reservoirs.	
<p>The methodology is not applicable to the following:</p> <ul style="list-style-type: none"> • Project activities that involve switching from fossil fuels to renewable energy sources at the site of the project activity, since in this case the baseline may be the continued use of fossil fuels at the site; • Biomass fired power plants; • A hydro power plant that results in the creation of a new single reservoir or in the increase in an existing single reservoir where the power density of the power plant is less than 4 W/m². 	<p>The validation team did not find any evidence related to these processes.</p> <p>Therefore, this condition is not applicable for the proposed project activity.</p>
In the case of retrofits, replacements, or capacity additions, this methodology is only applicable if the most plausible baseline scenario, as a result of the identification of baseline scenario, is "the continuation of the current situation, i.e. to use the power generation equipment that was already in use prior to the implementation of the project activity and undertaking business as usual maintenance".	<p>The project activity is not a capacity addition, retrofit or replacements.</p> <p>Therefore, this condition is not applicable for the proposed project activity.</p>

Hence, AENOR confirms the applicability conditions of the selected methodology to the project activity.

3.5 Project boundary

The project boundary remains the same as the one described for the first crediting period and it is in accordance with the applied methodology.

All the emission sources and GHGs related included and excluded from the project boundary are clearly identified and described in a complete manner in the latest version of the PDD. Moreover, it is indicated in a table the emission sources and GHGs included in the project boundary as per methodology ACM0002 version 14.0.0.

The validation team states that the identified boundary and the selected sources and gases are correctly justified for the project activity. The validation of the project activity did not reveal other greenhouse gas emissions occurring within the proposed CDM project activity boundary as a result of the implementation

of the proposed project activity, which are expected to contribute more than 1% of the overall expected average annual emission reduction, which are not addressed by ACM0002 version 14.0.0.

3.6 Validity of the original baseline and its update at the renewal of the crediting period

AENOR performed the assessment of the validity of the original/current baseline and its update at the renewal of the crediting period based in the stepwise procedure contained in the tool for the “Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period” version 03.0.1.

3.6.1 Step 1: Assess the validity of the current baseline for the next crediting period

Step 1.1 – Assess compliance of the current baseline with relevant mandatory national and/or sectoral policies.

The current baseline is the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources into the grid, which means that in the absence of the proposed project activity, generation of an equivalent amount of electricity by the power plants connected to SIN. AENOR confirms that the power generation scenario in the SIN, to which the project activity is connected, remains the same as at the time of project’s validation and that the power generated by the project would otherwise be met by power generation in fossil fuel powered power plants of the grid or by new additions /16/.

The current baseline is in compliance with México’s Electricity Public Service Law /17/, which is still active. In addition, in November 2008 the Mexican Government passed the Renewable Energy Law /18/, which aims to promote the use of renewable energy sources and clean technology for the electricity generation for purposes other than public electricity. Since the electricity generated by La Venta II project is used only by the public service, the law is not applicable to the project, and therefore the project activity complies with all national laws and/or sectoral policies.

Thus, it is concluded that the current baseline of the project activity remains the same and is in line with the below law and regulation.

Step 1.2 - Assess the impact of circumstances.

AENOR’s assessment did not identify any circumstances existing at the time of requesting renewal of the crediting period which would impact the current baseline emissions.

The project was registered on 25 June 2007, and as stated in the registered PDD /15/, the generation matrix of the SIN was the following: 13% renewable energy (hydroelectric, geothermal and wind) and 82% fossil fuel (fuel oil, coal, natural gas and diesel) and 5% nuclear.

By the end of 2012, the renewable energy accounts 24% of the total installed capacity of SIN, and fossil fuel based energy remains the dominant power which accounts 72% in 2012 [16]. Among the renewable energies, wind power represents 1.1% of the total installed capacity. Therefore, AENOR is able to confirm that based on the analysis of the market characteristics, the conditions used to determine the baseline for the previous crediting period are still valid.

Step 1.3 - Assess whether the continuation of the use of current baseline equipment(s) or an investment is the most likely scenario for the crediting period for which renewal is requested.

According to the tool "Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period" version 03.0.1 this sub-step is applicable only if the baseline scenario identified at the time of validation of the project activity was the continuation of use of the current equipment(s) without any investment and, the projects proponents or third party (or parties) would undertake an investment later due, for example, to the end of the technical lifetime of the equipment(s) before the end of the crediting period or the availability of a new technology.

AENOR has validated that this step is not applicable to this project activity because that was not the baseline scenario identified for this project activity. There was no running equipment at the time and no investment was to be undertaken later on.

Step 1.4 – Assessment of the validity of the data and parameters

Following the provisions of the 'Assessment of the validity of the original/current baseline and to update the baseline at the renewal of a crediting period' version 03.0.1, if "any of the data and parameters that were only determined at the start of the crediting period and not monitored during the crediting period are not valid anymore, the current baseline needs to be updated for the subsequent crediting period".

The combined margin emission factor that was fixed ex-ante during the first crediting period [15], it has been updated for the second crediting period based on the latest information available from SENER and CFE when the project participant notified UNFCCC the intention to renew the crediting period, so an updated fixed ex-ante emission factor for the second crediting period is calculated in line with the "Tool to calculate the emission factor for an electricity system" version 4.0.

The combined margin emission factor for the entire renewable second crediting period is 0.535 tCO₂/MWh. This parameter is further described in section 3.10.1.

3.6.2 Step 2: Update the current baseline and the data and parameters

Step 2.1 – Update the current baseline

The baseline emissions for the second crediting period have been updated, without reassessing the baseline scenario, based on the approved version of the methodology ACM0002, version 14.0.0. This update was applied in the context of the sectoral policies and circumstances that are applicable at the time of requesting for renewal of the crediting period.

Step 2.2 – Update the data and parameters

As it has been explained above in step 1.4 and in section 3.4, the methodology used at the time of the project registration was replaced by the latest version of ACM0002 at the start of the renewal process, so the parameters of the combined margin emission factor have been updated according to the “Tool to calculate the emission factor for an electricity system” version 4.0 and to the new methodology applied.

AENOR confirms that all the parameters included in the latest version of the PDD and involved in the ERs calculations have been properly updated in accordance with the applied methodology ACM0002 version 14.0.0. For more details, please see section 3.10 of this report.

3.7 Additionality

According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology. AENOR confirms that in the updated PDD, section dedicated to Additionality remains the same as in the PDD registered for the first crediting period.

3.8 Algorithms and/or formulae used to determine emission reductions

In accordance with the methodology, the emission reductions are calculated as follows:

$$ER_y = BE_y - PE_y - LE_y$$

Where:

ER_y are the total emissions reductions during the year y in tons of CO_2

PE_y are the emissions from the project activity during the year y in tons of CO_2

BE_y are the baseline emissions for the project activity during the year y in tons of CO_2 .

Baseline Emissions

Baseline emissions include only CO_2 emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity. The methodology assumes that all project electricity generation above baseline levels would have been generated by existing grid-connected power plants and the addition of new grid-connected power plants. The baseline emissions are to be calculated as follows:

$$BE_y = EG_{PJ,y} * EF_{grid,CM,y}$$

Where:

BE_y = Baseline emissions in year y (tCO_2/yr)

$EG_{PJ,y}$ = 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)

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$EF_{grid,CM,y}$ = 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” (tCO₂/MWh)

Calculation of $EG_{PJ,y}$

The calculation of $EG_{PJ,y}$ is different for: (a) greenfield plants, (b) retrofits and replacements; and (c) capacity additions.

As the project activity is the installation of a new grid-connected renewable power plant/unit at a site where no renewable power plant was operated prior to the implementation of the project activity, then:

$$EG_{PJ,y} = EG_{facility,y}$$

Where:

$EG_{PJ,y}$ = 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)

$EG_{facility,y}$ = Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh/yr)

According to the baseline methodology ACM0002 version 14.0.0 and the “Tool to calculate the emission factor for an electricity system” version 04.0, $EF_{grid,CM,y}$ has been calculated following six steps:

Step 1.-Identify the relevant electricity system.

Using the boundary definition of the applicable methodology, the spatial extent of the project boundary includes all power plants physically connected to the Interconnected National System of the Mexican Grid (SIN) which the CDM project power plant is connected to. This issue has been validated and it is in compliance with the “Electricity Sector Prospective 2013-2027” of SENER [16].

For the purpose of determining the OM emission factor, imports have been considered in the calculation. Taking into account the latest version of the “Tool to calculate the emission factor for an electricity system”, the emission factor is considered 0 tCO₂/MWh for imports from connected electricity systems in other host countries. Moreover, electricity exports are not subtracted from electricity generation data in baseline calculation.

Step 2.- Choose whether to include off grid power plants in the project electricity system.

The option I has been chosen and grid power plants are only included in the calculation.

Step 3.- Select a method to determine the operating margin (OM).

For the calculation of the OM emission factor, the simple OM emission factor calculation method is selected because low cost/ must-run projects constitute less than 50% of the total grid generation and there are not sufficient data available for using the Dispatch Data Analysis option.

It has been validated that the option of simple OM and the ex-ante option with a 3-year generation-weighted average, based on the most recent data available at the time of submission of the PDD to the DOE for validation, without requirement to monitor and recalculate the emission factor during the second crediting period, was correctly selected for the project activity.

Step 4.- Calculate the operating margin emission factor according to the selected method.

It has been validated that Simple OM is calculated using option B, based on data from the total net electricity generation of all power plants serving the system, fuel types and total fuel consumption of the project electricity system. $EF_{grid,OM,y}$ is calculated as 0.585 tCO_{2e}/MWh in the final PDD. This has been verified to be in compliance with the methodology, the “Tool to calculate the emission factor for an electricity system” and relevant EB guidance.

Data from the following reports “Electricity Sector Prospective 2012-2026” [19] and “Electricity Sector Prospective 2013-2027” [16] issued by SENER as well as the “Generation Report” year 2012 data issued by CFE [20] have been checked to confirm that values considered in calculation are consistent with the source.

Other data used in the OM and BM calculations such as the $EF_{CO_2,i,y}$ is calculated in tCO₂/TJ according to the “Reviewed 2006 IPCC Guidelines for Greenhouse Gas Inventories” [21]; $FC_{i,y}$ data are also taken from the reports “Electricity Sector Prospective 2012-2026” and “Electricity Sector Prospective 2013-2027” while NCV is taken from the “National Energy Balance 2012” report [22].

Therefore, formulas and factors used to calculate the Operating Margin and the Build Margin are properly described in the final PDD and they are considered correct and transparent. Efficiency factors for Gas Turbine, Combined Cycle Gas Turbine and IC Internal Combustion plants and self-use rates are obtained from the official document “Electricity Sector Prospective 2012-2026” [19] in a conservative way.

Step 5.- Calculate the build margin emission factor.

The sample group of power units used to calculate build margin is defined as the set of power capacity additions in the electricity system that comprise 20% of the system capacity, instead of the set of five power units that started to supply energy to the grid most recently. This option comprises the larger annual generation (51,128,118 MWh) and none of the power units that belong to the set started to supply electricity more than 10 years ago.

Moreover, for the proposed project activity, option 1) of the applicable methodology has been chosen in terms of vintage of data, i.e. for the second crediting period the BM emission factor will be calculated ex-ante, based on the most recent information available on plants already built at the time of the PDD submission to the DOE for validation, i.e. year 2012.

$EF_{grid,BM,y}$ is calculated as 0.385 tCO_{2e}/MWh in the final PDD.

In order to be conservative, the most efficient technology (lowest emission factor) for all new installed power plants has been used in the calculation, which is 51.53% for combined cycle power plants, 39.25% for

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gas turbine, and 44.25% for internal combustion power plants, based on data source "Electricity Sector Prospective 2012-2026" [19].

Calculations have been reproduced and AENOR deems they are in compliance with the methodology, the tool to calculate the emission factor and data sources.

Step 6.-Calculate the combined margin (CM) emissions factor.

According to the "Tool to calculate the emission factor for an electricity system" the default weights: OM = 0.75 for Operating Margin and BM = 0.25 for build margin in the second crediting period for wind power generation projects are adopted.

Therefore the combined baseline emission factor is determined ex-ante and will remain fixed during the first crediting period,

$$EF_{\text{grid CM y}} = 0.585 \times 0.75 + 0.385 \times 0.25 = 0.535 \text{ tCO}_{2\text{e}}/\text{MWh}$$

The baseline methodology ACM0002 version 14.0.0 and the tools have been applied correctly to calculate project emissions, baseline emissions, leakages and emission reductions. All estimates of the baseline emissions can be replicated using the data and parameter values provided in the PDD and the ER and emission factor calculation spreadsheet [23].

The result of the estimation of annual average emission reductions for the project activity is 164,634 tCO₂ during the crediting period. The validation team has reproduced the calculation using the values included in the PDD and the same result has been obtained.

In conclusion, AENOR confirms that all assumptions and data used by the PP are listed in the final PDD, including their references and sources. Furthermore, all documentation used by project participants as the basis for assumptions and source of data is correctly quoted and interpreted in the PDD and all values used in the PDD are considered reasonable in the context of the proposed CDM project activity that result in a conservative estimate of emission reductions.

Project emissions

According to the applicable methodology for wind power generation project activities there are not project emissions.

Hence $PE_y = 0$.

Leakage emissions

There is no leakage that needs to be considered in applying the methodology ACM0002 version 14.0.0.

Hence $L_y = 0$.

Emission reductions

Emission reductions are calculated as follows:

$$ER_y = BE_y - PE_y - L_y = 164,634 - 0 - 0 = 164,634 \text{ tCO}_{2\text{e}}/\text{year}$$

In summary, AENOR has validated that all the data and parameters used for the ex ante calculation have been provided by truthful and appropriate sources. Data included in the latest version of the PDD and its annexed spreadsheet has been validated against the evidence provided to the DOE team that are deemed as appropriate. The assessment of all data and parameters involved in the ERs determination is carried out in sections 3.10.1 and 3.10.2 of this report.

AENOR confirms that all the formulae and algorithms used to determine the ERs have been applied according to the methodology ACM0002 version 14.0.0, and the tools cited above. Other inputs used for the emission reduction projection, as well as default values available in the methodology applied were validated to be correct.

3.9 Calculation of GHG Emissions

The methodology for calculating emission reductions is transparently documented and it complies with existing good practice. The calculation methods applied to the determination of emission reductions are explained in detail in the latest version of the PDD and they follow the procedures laid down in the approved methodology ACM0002 version 14.0.0.

The PDD clearly documents how each equation is applied and the actual calculations are clearly presented in the annexed spreadsheet. The selection of parameters and GHG calculations is complete and transparent. The accuracy of the calculations has been verified. The emissions estimated can be replicated using the data and parameter values provided in the PDD and supporting files submitted for revalidation. Data sources have been validated by AENOR.

AENOR confirms that the estimated amount of emission reductions for the second crediting period is 164,634 tCO₂e/year. This estimation is in accordance with the documentation submitted and it has been validated by the validation team.

3.10 Monitoring Plan

The project activity applies the “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” version 14.0.0 in combination with “Tool to calculate the emission factor for an electricity system” version 4.0 for the grid emission factor.

Parameters and data available at the time of validation of the renewal of the crediting period were cross-checked with official sources and they were found consistent with the applied methodology and associated tools. Authority and responsibilities are well defined and Quality Assurance and Quality Control procedures are managed in order to reduce the uncertainties of the emissions reduction monitored.

Provisions of calibration frequencies of all the equipment involved in the monitoring are included in the PDD and are deemed as appropriate by the DOE team because they are defined according to the specifications stated in the applied methodologies and tools.

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Therefore, the project monitoring plan is in compliance with the monitoring and it is AENOR's opinion, that the project participants are able to implement the monitoring plan.

3.10.1 Parameters determined ex-ante

The final PDD states that the parameters to be determined ex-ante in compliance with the applicable methodology are the following:

Parameter	Value applied	Validation remarks
EF_{grid,CM,y} : Combined margin CO ₂ emission factor for grid connected power generation in year y	0.535	It has been updated as the combined margin emissions factor (EF _{grid,CM,y}), consisting of the combination of OM emissions factor (EF _{grid,OM,y}) and BM emission factor (EF _{grid,BM,y}) according to the procedures prescribed in the "Tool to calculate the emission factor for an electricity system" version 4.0, based on the latest information from SENER and CFE available at the time of submission of the request for renewal of the crediting period.
NCV_{i,y} : Net calorific value (energy content) of fossil fuel type i in year y	Fuel oil 39.78 GJ/m ³ Natural gas 0.040 GJ/m ³ Diesel 35.54 GJ/m ³ Coal (national) 19.43 GJ/Ton	As there is no data from fuel supplier, the local average default values from the report "National Energy Balance 2012"/22/, have been used.
EF_{CO₂,i,y} : CO ₂ emission factor of fossil fuel type i in year y	75.5 tCO ₂ /T for Fuel Oil 54.3 tCO ₂ /T for Natural Gas 72.6 tCO ₂ /T for Diesel 87.3t CO ₂ /T for Coal	As there is no data from fuel supplier of the power plants in invoices or local average default values, IPCC default values at the lower limit of the uncertainty at a 95 per cent confidence interval have been used. In accordance with the Tool, where several fuel types are used in the power unit, the fuel type with the lowest CO ₂ emission factor is used.

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Parameter	Value applied	Validation remarks
EG_y : Net electricity generated in the project electricity system in year y:	193,312,000 MWh in 2010 206,994,000 MWh in 2011 216,417,000 MWh in 2012	According to the tool, data from utility or government records or official publications have been used, SENER and CFE.
EG_{m,y} : Net electricity generated by power plant m in year y	Values provided in Appendix 4 of the PDD and ER and emission factor calculation spreadsheet.	According to the tool, data from utility or government records or official publications have been used, SENER and CFE.
n_{m,y} : Average net energy conversion efficiency of power unit m in year y:	Internal Combustion: 44.25% Combined Cycle: 51.53% Gas Turbine: 39.25%	As manufacturer's specifications are not available for the power plants, efficiency data from the utility, the dispatch center or official records have been used, SENER.
FC_{i,y} : Amount of fuel type i consumed in the project electricity system in year y	Values provided in Appendix 4 of the PDD and ER and emission factor calculation spreadsheet	According to the tool, data from utility or government records or official publications have been used, SENER.

Therefore, according to the Tool "Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period" version 03.0.1, all the parameters have been correctly updated and the current baseline complies with all relevant mandatory national and sectoral policies which have come into effect after the submission of the project activity for validation and are applicable at this moment, the time of requesting renewal of crediting period.

3.10.2 Parameters monitored ex-post

The final PDD states that the parameter to be monitored in compliance with the applicable methodology is the following:

EG_{facility, y}: Quantity of Net Electricity (MWh/year) generated supplied by the project plant to the grid in year y: This data shall be measured continuously and recording monthly. The data will be archived for at least 2 years following the end of the crediting period. The metering equipment will be calibrated at least once every two years. The accuracy class of the metering equipment will be 0.2S. Measured electricity will be crosschecked with data from "Cédula de Registro de Lecturas Mensual" (Official Monthly Registry Agreement), which is the official document signed by CFE Transmission and Generation Areas every month to conciliate the energy provided by the plant to the national grid; that according with the approved Monitoring Plan, is equivalent to a sales receipt for the energy delivered by the plant

Therefore, in opinion of the AENOR team all necessary parameters required by the selected approved methodology are contained in the monitoring plan. They are clearly described and the means of monitoring described in the plan complies with the requirements of the methodology. Thus, AENOR confirms the monitoring plan is in compliance with the requirements of the applied methodology.

3.11 Comments by Local Stakeholders

According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology. Therefore, in the updated PDD, section dedicated to local stakeholder consultation remains the same as in the PDD registered for the first crediting period.

3.12 Environmental Impacts

According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology. Therefore, in the updated PDD, section dedicated to the Environmental Impacts derived from the project remains the same as in the first registered PDD.

4 COMMENTS BY PARTIES, STAKEHOLDERS AND NGOS

According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology. Therefore, publishing of the updated PDD on UNFCCC web site for global stakeholder consultation is not required.

5 VALIDATION OPINION

AENOR has performed the validation of the renewal of the crediting period of the project La Venta II. The revalidation was performed on the basis of UNFCCC criteria and host country criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

The validation consisted of the following three phases: i) a desk review of the project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) the resolution of outstanding issues and the issuance of the final validation report and opinion. In the course of the validation process 14 corrective actions and 1 clarification were raised, all have been successfully closed.

The review of the project design documentation, and the subsequent follow-up interviews have provided to AENOR enough evidence to determine the validity of the original baseline scenario and the update of the baseline. The project correctly applies the baseline and monitoring methodology ACM0002 version 14.0.0 "Grid connected renewable electricity generation".

The calculation of the project emission reductions is carried out in a transparent and conservative manner, so the project activity is likely to achieve the average estimated amount of emission reductions of 164,634 tCO_{2e} per year over the 2nd renewable crediting period.

In AENOR's opinion, the project meets all relevant UNFCCC requirements and the relevant host country criteria for the renewal of the crediting period. Hence, AENOR requests the renewal of the crediting period of the project.

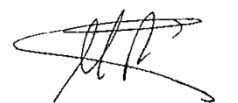
The validation has been performed using a risk based approach, as described above. The only purpose of this report is its use during the registration process as part of the CDM project cycle. Hence, AENOR cannot be held liable by any party for decisions made or not made based on the validation opinion, which goes beyond the purpose.

16/04/2014



Luis Robles Olmos
Authorized person

16/04/2014



Marcelino Pellitero Martinez
Validation Team Leader

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6 CORRECTIVE ACTION REQUESTS, CLARIFICATIONS AND FORWARD ACTION REQUESTS

TITLE	La Venta II		
FINDING	Nº 1		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	There are inconsistencies between information on Project Participants stated in the cover page, section A.4 and in Appendix 1 of the PDD.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i> <i>It shall provide and indentified the evidences proposed (if applicable)</i>	Information on Project Participants has been updated and data provided in the cover page, Section A.4 and Appendix 1 of the PDD is now consistent.		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	Still there are inconsistencies between information on Project Participants stated in Appendix 1 of the PDD and that appearing in the project view page at UNFCCC. CAR 1 is still open.		
PP RESPONSE #2 <i>Corrective action</i> <i>Evidence proposed</i>	Information on Project Participants in Appendix 1 of the PDD has been updated and it is now in line with the information provided in the UNFCCC website.		
DOE Assessment #2	Information on Project Participants in Appendix 1 of the PDD has been updated and it is now in line with the information provided in the UNFCCC website. CAR 1 is closed.		
PP RESPONSE #3			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 2		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	Yearly average generation is not consistent with the figure appearing in the registered PDD.		
PP RESPONSE #1	There was a mistake in the yearly average generation reported in the previous version of the PDD. The yearly generation has been updated from 307,718 MWh to 307,728 MWh in the final version of the PDD. For further information on this please see the feasibility study attached to this submission (named "Memoria_LVII_GPG").		
<i>It shall address the corrective action taken in details</i>			
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The annual electricity generation has been updated in the PDD and now it is consistent with the wind study and the registered PDD. CAR 2 is closed		
PP RESPONSE #2	<i>This section shall be filled by the PP.</i>		
<i>Corrective action</i>			
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 3		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The criterion 1 does not match exactly with that appearing in the applied methodology ACM0002 "Grid-connected electricity generation from renewable sources" Version 14.0		
PP RESPONSE #1	The criterion has been updated in the PDD (see Section B.2. of the PDD) and is now in line with version 14.0.0 of methodology ACM0002.		
<i>It shall address the corrective action taken in details</i>			
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The applicability criteria stated in the final PDD are in accordance with those appearing in the methodology. CAR 3 is closed.		
PP RESPONSE #2	<i>This section shall be filled by the PP.</i>		
<i>Corrective action</i>			
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 4		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The criterion 5 is not discussed in the PDD.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i>	Further information on the applicability of the different criteria has been incorporated in the PDD.		
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The applicability criteria stated in the final PDD are in accordance with those appearing in the methodology. CAR 4 is closed.		
PP RESPONSE #2 <i>Corrective action</i>	<i>This section shall be filled by the PP.</i>		
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 5		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The criterion 7 is not discussed in the PDD.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i>	<i>This section shall be filled by the PP.</i>		
<i>It shall provide and indentified the evidences proposed (if applicable)</i>	Further information on the applicability of the different criteria has been incorporated in the PDD.		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The applicability criteria stated in the final PDD are in accordance with those appearing in the methodology. CAR 5 is closed.		
PP RESPONSE #2 <i>Corrective action</i>	<i>This section shall be filled by the PP.</i>		
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 6		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	Justification for exclusion of project activity emission sources is not appropriate to the technology applied by the project activity.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i> <i>It shall provide and indentified the evidences proposed (if applicable)</i>	Justification for exclusion of project activity emission sources has been updated in the PDD.		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The table of summary of gases and sources included in the project boundary of the final PDD of the proposed project activity is in accordance with the methodology and the technology applied by the project activity. CAR 6 is closed		
PP RESPONSE #2 <i>Corrective action</i> <i>Evidence proposed</i>	<i>This section shall be filled by the PP.</i>		
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 7		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The National Electricity System (SEN) is formed by the National Interconnected System (SIN) and two isolated grids (Baja California and Baja California Sur).		
PP RESPONSE #1	There was a mistake in the previous version of the PDD. The latest version of the PDD has been updated, and it now refers to the National Interconnected System (NIC) has the relevant electricity system for this project activity.		
<i>It shall address the corrective action taken in details</i>			
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The relevant grid has been correctly identified as the National Interconnected System in the final PDD, in accordance with EB guidance and the underlying methodology CAR 7 is closed.		
PP RESPONSE #2	<i>This section shall be filled by the PP.</i>		
<i>Corrective action</i>			
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	N° 8		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The baseline scenario description does not match exactly with that appearing in the applied methodology ACM0002 "Grid-connected electricity generation from renewable sources" Version 14.0. In addition, the assessment of the validity of the current baseline scenario for the next crediting period is not based on the latest available data.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i> <i>It shall provide and indentified the evidences proposed (if applicable)</i>	The baseline scenario description has been updated and it is now in line with methodology ACM0002, version 14.0. Also the latest available data has been used, as per the report published by the Mexican Energy Secretary (i.e. "Prospectiva del Sector Eléctrico 2013-2027")		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The baseline scenario has been defined correctly in the final PDD as the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in the "Tool to calculate the emission factor for an electricity system. CAR 8 is closed.		
PP RESPONSE #2 <i>Corrective action</i> <i>Evidence proposed</i>	<i>This section shall be filled by the PP.</i>		
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 9		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	No discussion appears in the PDD regarding the option used for the calculation of the CO₂ emission factor of each power unit m (EF_{EL,m,y})		
PP RESPONSE #1	Further information on the option chosen to calculate parameter EF _{EL,m,y} has been provided in the final version of the PDD.		
<i>It shall address the corrective action taken in details</i>			
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The final version of the PDD follows the steps of the latest "Tool to calculate the emission factor for an electricity system" and appropriate evidence has been provided, hence CAR 9 is closed.		
PP RESPONSE #2	<i>This section shall be filled by the PP.</i>		
<i>Corrective action</i>			
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification	<input type="checkbox"/>

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TITLE	La Venta II		
FINDING	Nº 10		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	Sources of data for parameters $EF_{grid,CM,y}$, $NCV_{i,y}$, EG_y, $EG_{m,y}$ are not the most recent ones.		
PP RESPONSE #1	The PDD has been updated according to the latest information published in December 2013 by the Mexican Energy Secretariat (SENER).		
<i>It shall address the corrective action taken in details</i>			
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	Sources of parameters appearing in section B.6.2 of the final PDD are the most recent ones. CAR 10 is closed.		
PP RESPONSE #2	<i>This section shall be filled by the PP.</i>		
<i>Corrective action</i>			
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 11		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	Current EG_y, EG_{m,y} values reflect gross electricity generation instead of net electricity as required by the Tool to calculate the emission factor for an electricity system – Version 04.0.0 . In addition, imports considered in calculating EG_y include electricity from grids not connected to the SIN.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i> <i>It shall provide and identified the evidences proposed (if applicable)</i>	The ER spreadsheet and the PDD have been updated accordingly, so net electricity is considered for the calculation of the OM. In addition, imports for the grid not connected to the SIN have been removed from the calculations.		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	There is a mistake in the calculation of imports for year 2010 CAR 11 is still open		
PP RESPONSE #2 <i>Corrective action</i> <i>Evidence proposed</i>	Calculation of imports has been updated accordingly.		
DOE Assessment #2	The ER spreadsheet and the PDD have been updated accordingly, so net electricity is considered for the calculation of the OM. In addition, imports for the grid not connected to the SIN have been removed correctly from the calculations. CAR 11 is closed		
PP RESPONSE #3			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 12		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	As per provided ER calculation spreadsheet parameter $n_{m,y}$ shall be included as parameter available at validation		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i> <i>It shall provide and indentified the evidences proposed (if applicable)</i>	Parameter $n_{m,y}$ has been included in the list of parameters fixed ex-ante		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	Parameters appearing in section B.6.2 of the final PDD are complete and in accordance with the methodology. CAR 12 is closed		
PP RESPONSE #2 <i>Corrective action</i> <i>Evidence proposed</i>	<i>This section shall be filled by the PP.</i>		
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 13		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The title of the parameter, its description, source of data and measurement procedure are not in line with the methodology. In addition the value applied does not match with that appearing in the registered PDD.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i>	Information regarding parameter EG _{facility,y} has been updated accordingly and it is now in line with the methodology.		
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	The monitored parameter EG _{facility,y} has been corrected and completed in accordance with the methodology in the final PDD. CAR 13 is closed.		
PP RESPONSE #2 <i>Corrective action</i>	<i>This section shall be filled by the PP.</i>		
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 14		
Classification	CAR <input checked="" type="checkbox"/>	CL <input type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	Provisions regarding calibration frequency of the equipment involved in the project shall be included in the monitoring plan.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i> <i>It shall provide and indentified the evidences proposed (if applicable)</i>	Calibration of the equipment involved in the project will be conducted according to manufacturer' specifications.		
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	Measurement equipment shall be further described (i.e. Technical specifications, class, uncertainty, accuracy, range) in accordance with the national regulation. CAR 14 is still open		
PP RESPONSE #2 <i>Corrective action</i> <i>Evidence proposed</i>	Further information on the measurement equipment has been incorporated in the latest version of the PDD.		
DOE Assessment #2	Provisions regarding calibration frequency and accuracy of the metering equipment involved in the project have been included in the final PDD. CAR 14 is closed		
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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TITLE	La Venta II		
FINDING	Nº 1		
Classification	CAR <input type="checkbox"/>	CL <input checked="" type="checkbox"/>	FAR <input type="checkbox"/>
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	Mexican renewable energy law shall be provided.		
PP RESPONSE #1 <i>It shall address the corrective action taken in details</i>	Mexican renewable energy law is attached to this submission. Please see evidence named "Renewable Energy Law 2008".		
<i>It shall provide and indentified the evidences proposed (if applicable)</i>			
DOE Assessment #1 <i>The assessment shall encompass all open issues. In case of non-closure additional corrective action and DOE assessments (#2, #3, etc.) shall be added</i>	Appropriate and reliable evidence has been provided. CL 1 is closed.		
PP RESPONSE #2 <i>Corrective action</i>	<i>This section shall be filled by the PP.</i>		
<i>Evidence proposed</i>			
DOE Assessment #2			
Conclusion <i>Tick the appropriate checkbox</i>	CAR/CL CLOSED <input checked="" type="checkbox"/>	To be checked during the first periodic verification <input type="checkbox"/>	

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7 REFERENCES

Ref	Document Name	Date	Author/Competent Authority
1	Approved methodology ACM0002 version 14.0.0	04/10/2013	CDM – Executive Board
2	CDM Validation and Verification Standard. Version 06.0.	11/04/2014	CDM – Executive Board
3	CDM Project Cycle Procedure version 06.0	11/04/2014	CDM – Executive Board
4	CDM Project Standard version 06.0.	11/04/2014	CDM – Executive Board
5	Tool “Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period” version 03.0.1.	02/03/2012	CDM – Executive Board
6	PDD La Venta II version 09	21/11/2013	Project Proponent
7	PDD La Venta II version 11	20/03/2014	Project Proponent
8	Tool to calculate the emission factor of the electricity system version 04.0	04/10/2013	CDM – Executive Board
9	IE-DTC-039		AENOR
10	Project Design Document Form	11/04/2012	CDM – Executive Board
11	Guidelines for completing the project design document version 01.0	2/03/2012	CDM – Executive Board
12	Notification to UNFCCC Secretariat	18/12/2013	Project Proponent
13	Acknowledge of receipt by UNFCCC Secretariat	19/12/2013	Project Proponent
14	Approved methodology ACM0002 version 06	19/05/2006	CDM – Executive Board
15	Registered PDD for the first crediting period http://cdm.unfccc.int/Projects/DB/AENOR1168204945.7/view		CDM – Executive Board
16	Electricity Sector Prospective 2013-2027 (data for year 2012)	2013	Secretary of Energy Planning and Technological Development (SENER)
17	Electricity Public Service Law	December 1993	Government of Mexico
18	Renewable Energy Law	November 2008	Government of Mexico
19	Electricity Sector Prospective 2012-2026 (data for year 2011)	2012	Secretary of Energy Planning and Technological Development (SENER)

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Ref	Document Name	Date	Author/Competent Authority
20	Generation report for year 2012	April 2013	CFE
21	Reviewed 2006 IPCC Guidelines for Greenhouse Gas Inventories	2006	IPCC
22	National Energy Balance 2012	2013	Secretary of Energy Planning and Technological Development (SENER)
23	Spreadsheet for the ERs and EF calculation	2014	Project Proponent

ANNEX 1: CDM VALIDATION PROTOCOL

VALIDATION PROTOCOL

PROJECT: LA VENTA II

PROJECT PARTICIPANT:

INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT (IBRD) AS TRUSTEE OF THE SPANISH CARBON
FUND (SCF)

Validation Type	
<input checked="" type="checkbox"/> Validation of a Project Activity	
Validation Team: Marcelino PELLITERO MARTINEZ	
Version of this Validation Protocol: 02	Date: 14/04/2014

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CHECKLIST TOPIC / QUESTION	MoV/Ref*	COMMENTS	Draft Conclusion	Final Conclusion
A. GENERAL DESCRIPTION OF PROJECT ACTIVITY				
A.1. Approval				
A.1.1 Have all the Parties involved in the project activity provided a written Letter of Approval of the project activity? Are they valid for the project activity?	DR	Not applicable. According to paragraph 263 of the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to obtain a new letter of approval from Parties involved.	N/A	N/A
A.1.2 Do the Letters of Approval confirm that: <ul style="list-style-type: none"> The Party is a Party to the Kyoto Protocol The participation is voluntary The CDM project activity contributes to the sustainable development (host Party) The title of the project activity is precise and coincides with the title included in the PDD 	DR	Not applicable. According to paragraph 263 of the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to obtain a new letter of approval from Parties involved.	N/A	N/A
A.1.3 Has the Letter of Approval been obtained from the project participants or directly from the DNA? In case that it has been obtained from the project participant, how has its authenticity been assessed?	DR	Not applicable. According to paragraph 263 of the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to obtain a new letter of approval from Parties involved.	N/A	N/A
A.1.4. If LoA contains either additional specification or conditions of the project activity, then has the request for registration been based on the documents specified in the LoA?	DR	Not applicable. According to paragraph 263 of the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to obtain a new letter of approval from Parties involved.	N/A	N/A
A.1.5. If the LoA references a specific version of the	DR	Not applicable. According to paragraph 263 of the CDM Project Cycle	N/A	N/A

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Validation Report or PDD and this version cannot be submitted, then has either of the following been submitted? a) a statement indicating final LoA has not been received, or b) an updated Validation Report/ PDD		Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to obtain a new letter of approval from Parties involved.		
A.2. Authorization of Project participants				
A.2.1. Is the form required for the indication of project participants correctly applied in the PDD?	DR	Yes, the form required for the indication of project participants is correctly applied in the PDD.	OK	OK
A.2.2. Has each project participant been authorized in a letter of approval by at least one Party involved?	DR	Yes, each project participant has been authorized in a letter of approval by at least one Party involved.	OK	OK
A.2.3. Is all information on participants / Parties provided in consistency with details provided by further chapters of the PDD (in particular Appendix 1)?	DR	CAR 1: There are inconsistencies between information on Project Participants stated in the cover page, in section A.4 and in Appendix 1 of the PDD. Information on Project Participants in Appendix 1 of the PDD has been updated and it is now in line with the information provided in the UNFCCC website. CAR 1 is closed.	CAR 1	OK
A.2.4. Are any other project participants approved but not listed in the PDD?	DR	No, all project participants are listed in the PDD.	CAR 1	OK
A. 3. Modalities of communication				
A.3.1. Has the corporate and personal identity of all project participants and focal points included in the MoC statement been validated? Have the signatures and employment status been checked?	DR	Not applicable.	N/A	N/A

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<p>This has been validated through:</p> <p>(a) Directly checking evidence for corporate, personal identity and other relevant documentation;</p> <p>(b) Notarized documentation; or</p> <p>(c) Written confirmation from the project participant or the coordinating/managing entity that submits to it the MoC statement that all corporate and personal details, including specimen signatures, are valid and accurate. In this case, the official who signed the written confirmation (if a different person than the signatory in the MoC) is duly authorized to do so.</p>				
A.3.2. Has the MoC statement been received from the PP with whom the DOE has a contractual relationship?	DR	Not applicable.	N/A	N/A
A.3.3. In the case of a CDM PoA, has the MoC statement been received from the coordinating/managing entity?	DR	Not applicable.	N/A	N/A
<p>A.3.4 Has the MoC statement been correctly completed and duly authorized?</p> <p>(a) The latest version of the form "Modalities of Communication statement" (F CDM MOC) has been used;</p> <p>(b) The information required as per the F-CDM-MOC, including its annex 1, is correctly completed;</p> <p>(c) The project participant's authorized signatories signing the F-CDM-MOC correspond to the project participant's authorized signatories included in F-CDM-MOC, annex 1.</p>	DR	Not applicable.	N/A	N/A
A.4. Project Design Document				
A.4.1. Does the used project title clearly enable to identify the unique CDM project activity? Is it consistent in all	DR	Yes, the used project title identifies clearly the unique CDM project	OK	OK

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section of the PDD and in all documents?		activity		
A.4.2. Is there any indication concerning the version number and the date of the version?	DR	Yes there is an indication of the date and the version number of the PDD.	OK	OK
A.4.3. Is this consistent with the time line of the project's history?	DR	Yes, it is in line with the time line of the project's history	OK	OK
A.4.4. Is the PDD prepared in accordance with the latest template and requirements from the CDM Executive Board?	DR	Yes, The PDD is prepared in accordance with the latest template in accordance with VVS Track (version 06.0) and requirements from CDM Executive Board.	OK	OK
A.4.5. Has the PDD been published for Global Stakeholder Consultation (GSC) in UNFCCC website?	DR	Not applicable. According to the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to publish the PDD for Global Stakeholder Consultation (GSC) in UNFCCC website.	N/A	N/A
A.4.6. Have there been any comments during the GSC process?	DR	Not applicable. According to the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to publish the PDD for Global Stakeholder Consultation (GSC) in UNFCCC website.	N/A	N/A
A.4.7. Have they been correctly addressed by the validation team?	DR	Not applicable. According to the CDM Project Cycle Procedure version 06.0, for the purpose of renewal of the crediting period it is not necessary to publish the PDD for Global Stakeholder Consultation (GSC) in UNFCCC website.	N/A	N/A
A.5. Description of the project activity				
The PDD (section A.1) shall contain a clear description of the project activity that provides the reader with a clear understanding of the precise nature of the project activity.				
A.5.1. Is the description delivering a transparent overview of the project activities? Does the description of the proposed CDM project activity as contained in the PDD sufficiently cover all relevant	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the	N/A	N/A

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elements? Is it accurate and does it provide the reader with a clear understanding of the nature of the proposed CDM project activity?		monitoring plan using an approved baseline and monitoring methodology.		
A.5.2. What proofs are available for demonstrating that the project description is in compliance with the actual situation or planning?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.5.3. Is the information provided by these proofs consistent with the information provided by the PDD?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.5.4. Has the validation team conducted a physical site inspection to confirm the description of the PDD? If not, justify.	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.5.5. If the proposed CDM project activity involves the alteration of an existing installation or process, does the project description clearly state the differences resulting from the project activity compared to the pre-project situation?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.5.6. In the case of greenfield project activity, is the project design described sufficiently by means of specifications, drawings and manuals?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD	N/A	N/A

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		relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.		
A.5.7. Does the PDD explain how the proposed project activity reduces greenhouse gas emissions (i.e. what type of technology is being employed, what measures are undertaken as part of the project activity, etc)?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6. Technical description of the project activity The PDD (section A.2 and A.3) shall contain a clear description of the project activity that provides the reader a clear understanding of the technical aspects of its implementation.				
<i>A.6.1. Location of the project activity</i>				
A.6.1.1. Does the information provided on the location of the project activity allow for a clear identification of the site(s)? Are the latitude and longitude on the site indicated (decimal points)?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.1.2. How is it ensured and/or demonstrated that the project proponents can implement the project at this site (ownership, licenses, contracts etc.)?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<i>A.6.2. Category of the project activity</i>				
A.6.2.1. Does the project qualify as a small scale CDM	DR	Not applicable. According to paragraph 276 the CDM Project	N/A	N/A

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project activity as defined in paragraph 6 (c) of decision 3/CMP.1 on the modalities and procedures for the CDM?		Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.		
A.6.2.2. To which category(ies) does the project activity belong to? Is this category correctly identified and indicated?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.2.3. Does proposed project activity confirm to one of the project categories defined for small scale CDM project activities?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.2.4. In the case of a small scale project activity, is it justified that it is not a debundled component of a larger project activity?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.2.5. In case of small scale project activities, is the estimate of emissions reductions increasing during the crediting period? In affirmative case, have project participants demonstrated in the CDM-SSC-PDD that the project activity characteristics are defined in a way that precludes project activities to go beyond the limits for SSC Project activities (as stipulated in paragraph 3 of the General	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A

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Guidelines to SSC CDM methodologies?				
<i>A.6.3. Technology to be employed by the project activity</i>				
A.6.3.1. Does the description of the technology to be applied provide sufficient and transparent input/information to evaluate its impact on the greenhouse gas balance? And, is the explanation how the project will reduce greenhouse gas emission transparent and suitable?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.3.2. Does the project require extensive initial training and maintenance efforts in order to be carried out as scheduled during the project period? If so, does the project make provisions for meeting training and maintenance needs?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.3.3. Is a schedule available for the implementation of the project and are there any risks for delays? Is the schedule consistent with the starting date of the crediting period?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<i>A.6.4. Estimated amount of emission reductions over the chosen crediting period</i>				
A.6.4.1. Is the form required for the indication of projected emission reductions correctly applied?	DR	<p>CAR 2.- Yearly average generation is not consistent with the figure appearing in the registered PDD.</p> <p>The annual electricity generation has been updated in the PDD and now it is consistent with the wind study and the registered PDD.</p> <p>CAR 2 is closed.</p> <p>Yes, the form required for the indication of projected emission</p>	CAR 2	OK

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		reductions is correctly applied.		
A.6.4.2. Are the figures provided consistent with other data presented in the PDD?	DR	The figures provided are consistent with other data presented in the PDD.	CAR 2	OK
<i>A.6.5. Public funding of the project activity</i>				
A.6.5.1. In case of public funding from Annex I Parties, is it confirmed that such funding does not result in a diversion of official development assistance?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
A.6.5.2. Is all information provided consistent with the details given in remaining chapters of the PDD (in particular annex 2)?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B. BASELINE AND MONITORING METHODOLOGY				
B.1. Title and reference of the approved baseline and monitoring methodology				
B.1.1. Are reference number, version number, and title of the approved baseline and monitoring methodology clearly indicated?	DR	<p>According to the CDM Project Standard version 06.0, project participants shall use the latest approved version of the methodology applied in the original PDD, i.e. the version that is valid at the time of submission of the revised PDD for the renewal of the crediting period.</p> <p>The updating related to baseline, estimated emission reductions and monitoring plan has been carried out according to the applied methodology ACM0002, version 14.0.</p>	OK	OK

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B.1.2. Is the applied version the most recent one and / or is this version still applicable?	DR	The applied methodology ACM0002 "Grid-connected electricity generation from renewable sources" Version 14.0 is the most recent one.	OK	OK
B.1.3. Does the PDD refer to the corresponding tools with their latest approved versions?	DR	The PDD refer to the corresponding tools: <ul style="list-style-type: none"> - "Tool to calculate the emission factor for an electricity system – Version 04.0.0 " - "Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period" version 03.0.1. 	OK	OK
B.1.4. Have any sources of greenhouse gas emissions been identified by the DOE ,within the project boundary following project implementation, which are expected to contribute more than 1% of the overall expected average annual emissions reductions, and which are not addressed by the applied methodology?	DR	No, they are not identified.	OK	OK
B.2. Applicability of the selected methodology to the project activity				
B.2.1. Are the chosen tools considered applicable in accordance with the design of the project and the provisions of the applied methodology?	DR	Yes, the chosen tools are considered applicable in accordance with the design of the project and the provisions of the applied methodology.	OK	OK
B.2.2. Is the choice of the methodology correctly justified by the PDD and is the project in conformance with all applicability criteria of the applied methodology and tools?	DR	Yes, the choice of the methodology is correctly justified by the PDD and is the project in conformance with all applicability criteria of the applied methodology and tools	OK	OK
B.2.3 Has been applied the specific guidance provided by the CDM Executive Board in respect to the approved methodology?	DR	Yes, it has been applied.	OK	OK

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B.2.4. Is the evidence provided to the validation team enough to prove that all applicability criteria are completely met?	DR	Yes, evidence has been provided	OK	OK								
B.2.5. In the case of project activities consisting in different sites or implementation phases, are all applicability criteria met for all the sites and phases?	DR	Not applicable.	N/A	N/A								
Fill in the required amount of sub checklists for applicability criteria as given by the methodology applied and comment at least every line answered with “No”												
B.2.6. Criterion 1 - This methodology is applicable to grid-connected renewable power generation project activities that: (a) install a new power plant at a site where no renewable power plant was operated prior to the implementation of the project activity (Greenfield plant); (b) involve a capacity addition; (c) involve a retrofit of (an) existing plant(s); or (d) involve a replacement of (an) existing plant(s).	DR	<table><tr><th>Applicability checklist</th><th>Yes/No</th></tr><tr><td>Criterion discussed in the PDD?</td><td></td></tr><tr><td>Evidence provided?</td><td></td></tr><tr><td>Compliance verified?</td><td></td></tr></table> <p>CAR 3.- The criterion 1 does not match exactly with that appearing in the applied methodology ACM0002 “Grid-connected electricity generation from renewable sources” Version 14.0</p> <p>The criterion has been updated in the PDD (see Section B.2. of the PDD) and are now in line with version 14.0 of methodology ACM0002</p> <p>CAR 3 is closed.</p> <p>The project activity involves the installation of a new power plant at a site where no renewable plant was operated prior to the implementation of the project activity.</p>	Applicability checklist	Yes/No	Criterion discussed in the PDD?		Evidence provided?		Compliance verified?		CAR 3	OK
Applicability checklist	Yes/No											
Criterion discussed in the PDD?												
Evidence provided?												
Compliance verified?												

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B.2.7. Criterion 2 - The project activity is the installation, capacity addition, retrofit or replacement of a power plant/unit of one of the following types: hydro power plant/unit (either with a run-of-river reservoir or an accumulation reservoir), wind power plant/unit, geothermal power plant/unit, solar power plant/unit, wave power plant/unit or tidal power plant/unit	DR	<table><tr><th>Applicability checklist</th><th>Yes/No</th></tr><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Evidence provided?</td><td>Yes</td></tr><tr><td>Compliance verified?</td><td>Yes</td></tr></table> <p>The project consists in the implementation of a wind power plant.</p>	Applicability checklist	Yes/No	Criterion discussed in the PDD?	Yes	Evidence provided?	Yes	Compliance verified?	Yes	OK	OK
Applicability checklist	Yes/No											
Criterion discussed in the PDD?	Yes											
Evidence provided?	Yes											
Compliance verified?	Yes											
B.2.8. Criterion 3 - In the case of capacity additions, retrofits or replacements (except for wind, solar, wave or tidal power capacity addition projects which use Option 2: on page 16 to calculate the parameter $EG_{PJ,y}$): the existing plant started commercial operation prior to the start of a minimum historical reference period of five years, used for the calculation of baseline emissions and defined in the baseline emission section, and no capacity expansion or retrofit of the plant has been undertaken between the start of this minimum historical reference period and the implementation of the project activity.	DR	<table><tr><th>Applicability checklist</th><th>Yes/No</th></tr><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Evidence provided?</td><td>N/A</td></tr><tr><td>Compliance verified?</td><td>N/A</td></tr></table> <p>Not applicable. The project activity is not a capacity addition, retrofit or replacements.</p>	Applicability checklist	Yes/No	Criterion discussed in the PDD?	Yes	Evidence provided?	N/A	Compliance verified?	N/A	OK	OK
Applicability checklist	Yes/No											
Criterion discussed in the PDD?	Yes											
Evidence provided?	N/A											
Compliance verified?	N/A											
B.2.9. Criterion 4 –In case of hydro power plants: One of the following conditions must apply: (a) The project activity is implemented in an existing single or multiple reservoirs, with no	DR	<table><tr><th>Applicability checklist</th><th>Yes/No</th></tr></table>	Applicability checklist	Yes/No	OK	OK						
Applicability checklist	Yes/No											

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<p>change in the volume of any of reservoirs; or</p> <p>(b) The project activity is implemented in an existing single or multiple reservoirs, where the volume of any of reservoirs is increased and the power density of each reservoir, as per the definitions given in the project emissions section, is greater than 4 W/m2; or</p> <p>(c) The project activity results in new single or multiple reservoirs and the power density of each reservoir, as per the definitions given in the project emissions section, is greater than 4 W/m2.</p>		<table> <tr> <td>Criterion discussed in the PDD?</td> <td>Yes</td> </tr> <tr> <td>Evidence provided?</td> <td>N/A</td> </tr> <tr> <td>Compliance verified?</td> <td>N/A</td> </tr> </table> <p>Not applicable. The project activity is not a hydro power plant.</p>	Criterion discussed in the PDD?	Yes	Evidence provided?	N/A	Compliance verified?	N/A				
Criterion discussed in the PDD?	Yes											
Evidence provided?	N/A											
Compliance verified?	N/A											
<p>B.2.10. Criterion 5 -In case of hydro power plants using multiple reservoirs where the power density of any of the reservoirs is lower than 4 W/m2 all the following conditions must apply:</p> <p>(a) The power density calculated for the entire project activity using equation (5) is greater than 4 W/m2;</p> <p>(b) Multiple reservoirs and hydro power plants located at the same river and where are designed together to function as an integrated project1 that collectively constitute the generation capacity of the combined power plant;</p> <p>(c) Water flow between multiple reservoirs is not used by any other hydropower unit which is not a part of the project activity;</p> <p>(d) Total installed capacity of the power units, which are driven using water from the reservoirs with power density lower than 4 W/m2, is lower than 15 MW;</p>	DR	<table> <tr> <th>Applicability checklist</th> <th>Yes/No</th> </tr> <tr> <td>Criterion discussed in the PDD?</td> <td>No</td> </tr> <tr> <td>Evidence provided?</td> <td></td> </tr> <tr> <td>Compliance verified?</td> <td></td> </tr> </table> <p>CAR 4.- The criterion 5 is not discussed in the PDD.</p> <p>The applicability criterion has been included and discussed the final PDD are in accordance with those appearing in the methodology.</p> <p>CAR 4 is closed.</p> <p>Not applicable. The project activity is not a hydro power plant.</p>	Applicability checklist	Yes/No	Criterion discussed in the PDD?	No	Evidence provided?		Compliance verified?		CAR 4	OK
Applicability checklist	Yes/No											
Criterion discussed in the PDD?	No											
Evidence provided?												
Compliance verified?												

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(e) Total installed capacity of the power units, which are driven using water from reservoirs with power density lower than 4 W/m2, is less than 10 per cent of the total installed capacity of the project activity from multiple reservoirs.												
<p>B.2.11. Criterion 6 -The methodology is not applicable to the following:</p> <ul style="list-style-type: none">Project activities that involve switching from fossil fuels to renewable energy sources at the site of the project activity, since in this case the baseline may be the continued use of fossil fuels at the site;Biomass fired power plantsA hydro power plant that results in the creation of a new single reservoir or in the increase in an existing single reservoir where the power density of the power plant is less than 4 W/m2.	DR	<table><thead><tr><th>Applicability checklist</th><th>Yes/No</th></tr></thead><tbody><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Evidence provided?</td><td>N/A</td></tr><tr><td>Compliance verified?</td><td>N/A</td></tr></tbody></table> <p>Not applicable.</p>	Applicability checklist	Yes/No	Criterion discussed in the PDD?	Yes	Evidence provided?	N/A	Compliance verified?	N/A	OK	OK
Applicability checklist	Yes/No											
Criterion discussed in the PDD?	Yes											
Evidence provided?	N/A											
Compliance verified?	N/A											
<p>B.2.12. Criterion 7 – In the case of retrofits, replacements, or capacity additions, this methodology is only applicable if the most plausible baseline scenario, as a result of the identification of baseline scenario, is “the continuation of the current situation, that is to use the power generation equipment that was already in use prior to the implementation of the project activity and undertaking business as usual maintenance”.</p>	DR	<table><thead><tr><th>Applicability checklist</th><th>Yes/No</th></tr></thead><tbody><tr><td>Criterion discussed in the PDD?</td><td>No</td></tr><tr><td>Evidence provided?</td><td></td></tr><tr><td>Compliance verified?</td><td></td></tr></tbody></table> <p>CAR 5.- The criterion 7 is not discussed in the PDD.</p> <p>The applicability criterion has been included and discussed the final</p>	Applicability checklist	Yes/No	Criterion discussed in the PDD?	No	Evidence provided?		Compliance verified?		CAR 5	OK
Applicability checklist	Yes/No											
Criterion discussed in the PDD?	No											
Evidence provided?												
Compliance verified?												

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		PDD are in accordance with those appearing in the methodology. CAR 5 is closed. Not applicable. The project activity does not that involve retrofits, replacements, or capacity addition.		
B.2.13. Was there a request for clarification, revision or deviation made for the adopted methodology in relation to the proposed project activity? If so, were the correct procedures provided by the CDM EB followed?	DR	No there was not.	OK	OK
B.3. Description of the Project Boundary				
B.3.1 Are all the sources and gases included in the project boundary of the project activity (baseline scenario, project scenario and leakage) in accordance with the applied methodology?	DR	CAR 6.- No. Justification for exclusion of project activity emission sources is not appropriate to the technology applied by the project activity. The table of summary of gases and sources included in the project boundary of the final PDD of the proposed project activity is in accordance with the methodology. CAR 6 is closed.	CAR 6	OK
B.3.2. Are the inclusion or exclusion of the sources of gases correctly justified?	DR	Yes, the sources of gases are correctly justified.	CAR 6	OK
B.3.3. Do the spatial and technological boundaries as verified on-site comply with the discussion provided by the PDD?	DR	Yes they do.	OK	OK
B.3.4. In case of grid connected electricity projects, is the relevant grid correctly identified in accordance with EB guidance and the underlying methodology?	DR	CAR 7.- No. The National Electricity System (SEN) is formed by the National Interconnected System (SIN) and two isolated grids (Baja California and Baja California Sur). The relevant grid has been correctly identified as the National	CAR 7	OK

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		Interconnected System in the final PDD, in accordance with EB guidance and the underlying methodology CAR 7 is closed		
B.4. Description of the baseline scenario identification				
B.4.1. Is the baseline scenario clearly described?	DR	<p>CAR 8.- The baseline scenario description does not match exactly with that appearing in the applied methodology ACM0002 "Grid-connected electricity generation from renewable sources" Version 14.0.0 In addition, the assessment of the validity of the current baseline scenario for the next crediting period is not based on the latest available data.</p> <p>The baseline scenario has been defined correctly in the final PDD as the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in the "Tool to calculate the emission factor for an electricity system.</p> <p>Also the latest available data has been used, as per the report published by the Mexican Energy Secretary</p> <p>CAR 8 is closed.</p> <p>CL 1.- Mexican renewable energy law shall be provided.</p> <p>Appropriate and reliable evidence has been provided.</p> <p>CL 1 is closed.</p>	CAR 8 CL 1	OK
B.4.2. Have there been other alternative scenarios considered? Is it justified the selected scenario as the most likely one?	DR	Not applicable. The baseline methodology ACM0002 version 14.0.0 does not require to consider other alternative scenarios if the project activity is the installation of a new grid-connected renewable power plant/unit. The selected baseline scenario is reasonable and it is in compliance with methodology.	CAR 8	N/A

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B.4.3. Does the PDD follow the steps to determine the baseline scenario required by the methodology?	DR	The baseline scenario has been determined following the approved methodology ACM0002 version 14.0.0.	CAR 8	OK
B.4.4. Has the baseline scenario been determined using conservative assumptions where possible?	DR	Yes. The baseline scenario has been determined using conservative assumptions.	CAR 8	OK
B.4.5. Does the baseline scenario sufficiently take into account relevant national and/or sectoral policies? (<i>Note: refer Annex 3 EB 22</i>). Are they listed in the PDD?	DR	Yes, the baseline scenario sufficiently takes into account relevant national and/or sectoral policies.	CAR 8 CL 1	OK
B.4.6 If alternatives are excluded: a.- Is sufficient evidence/ justification provided to support every exclusion of alternatives? Is it reasonable? b.- Is it shown that at least one credible and feasible alternative does not face a barrier? Is this reasonable?	DR	Not applicable. The baseline methodology ACM0002 version 14.0.0 does not require to consider other alternative scenarios if the project activity is the installation of a new grid-connected renewable power plant/unit.	CAR 8	N/A
B.4.7 Is the baseline scenario determination compatible with the available data and is all literature and sources clearly referenced?	DR	Yes, the baseline scenario determination is in line with the available data and all literature and sources are clearly referenced.	CAR 8	OK
B.5. Description of how the anthropogenic emissions of GHG by sources are reduced below those that would have occurred in the absence of the registered CDM project activity (assessment and demonstration of additionality):				
B.5.1 Is the start date defined in accordance with the "Glossary of CDM terms"? What evidence is provided to verify that this was the official start date? Is this considered reliable and reasonable?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.2 Is it a new project activity (start date on or after August 2008) or an existing project?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD	N/A	N/A

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		relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.		
<p>B.5.3 For a new project which does not require a new methodology and has not published its PDD for stakeholder comments prior to the start date, then:</p> <p>a. Have the project proponents informed the DNA and/or UNFCCC secretariat in writing? How has this notification been verified? (i.e. confirmation from the DNA or UNFCCC)</p> <p>b. Was the notification made within 6 months of the project activity start date?</p> <p>c. Does the letter/ notification indicate the precise geographic location and provide a brief description of the proposed project?</p> <p>d. Have the project proponents informed the DNA and/ or UNFCCC secretariat of the progress of the project activity every subsequent two years after the initial notification?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.4 For an existing project which has a start date prior to the publication of the PDD for global stakeholder comments, has the project proponent provided the following:</p> <p>a. Evidence of awareness of the CDM prior to the project activity start date and that the benefits of the CDM were a decisive factor in the decision to proceed with the project? (e.g. Board minutes, notes etc) Is this sufficient?</p> <p>b. Reliable evidence that demonstrates real actions were taken to secure CDM status in parallel with the project's implementation? (e.g. contracts with consultants for CDM/PDD/methodology services, ERPAs, correspondence with CER buyers, DOEs, DNAs or the UNFCCC). Is this</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A

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sufficient?				
B.5.5. Is the project additionality assessed according to the applicable methodology? Detail the Tool used to demonstrate the Additionality of the project activity.	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.6. In the case of a small scale project activity, is the additionality justified according to the applicable CDM requirements specific for small scale project activities?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.7 Have realistic and credible alternatives been identified providing comparable outputs or services?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.8. Is the project activity without CDM included in these alternatives?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.9. Is a discussion provided for all identified alternatives concerning the compliance with applicable laws and regulations?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring	N/A	N/A

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		methodology.		
B.5.10. In case of using a FSR as a basis of the decision, is this analysis made in accordance with the EB Guidance?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.11. In case the PDD argues that specific laws are not enforced in the country or region: Is evidence available concerning that statement?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.12. In case of applying step 2 / investment analysis of the additionality tool: Is the analysis method identified appropriately?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.13. In case of Option I (simple cost analysis): Is it demonstrated that the activity produces no economic benefits other than CDM income? a. Are the assumptions for all alternatives compared consistent (including discount rates if applicable)?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.14. In case of Option II (investment comparison analysis): Is the most suitable financial indicator clearly identified (IRR, NPV, cost benefit ratio, or (levelized) unit cost)? a. Are the assumptions for all alternatives compared	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring	N/A	N/A

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consistent (including discount rates if applicable)?		methodology.		
<p>B.5.15. In case of Option III (benchmark analysis): Is the most suitable financial indicator clearly identified (IRR, NPV, cost benefit ratio, or (levelized) unit cost)?</p> <p>a. If an IRR indicator is used, is the choice of benchmark appropriate to the type of IRR calculated? b. Is the choice of benchmark or discount rate justified with supporting evidence for its appropriateness?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.16 If risk premiums are applied in the development of the benchmark, are they reasonable and justified?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.17 Do the project participants justify the period of assessment in the context of the underlying project activity?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.18 Regarding the assessment:</p> <p>a. Complete the following time periods (years):</p> <ul style="list-style-type: none"> - Period of assessment: - Crediting period: -Technical lifetime of the project activity: <p>b. Are these periods consistent with paragraph 3 of the "Guidelines on the assessment of investment analysis (version 05)".</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A

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c. Is the period of assessment appropriate?				
B.5.19 Is any residual value of the project activity assets included in the analysis? Are residual value calculations reasonable and justified and consistent with local accounting rules or international best practice?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.20 Are depreciation and other non-cash items related to the project activity deducted from net profits used for calculating the financial indicator (e.g. IRR, NPV)?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.21 Is the treatment of taxation consistent with the chosen benchmark? (i.e. taxation should only be treated as an expense in the IRR/NPV calculation if the chosen benchmark is intended for post-tax calculations?)	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.22 Recommended project: If the implementation of the project ceased and then recommenced due to consideration of the CDM, then:</p> <p>a. Are input values valid and applicable at the time of making the decision to recommence the project?</p> <p>b. Are capital costs incurred prior to the revised project activity start date input as the recoverable value of the assets (limited to the potential reuse/ resale of tangible assets)?</p> <p>c. How has the fair market value of the capital expenditures been calculated and validated? (e.g. by</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A

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chartered specialists). Is this fair market value reasonable and justified? d.- Is the book value as well as the expectation of the potential profit or loss included in the fair value calculation?				
B.5.23 Has the project participant supplied unprotected and traceable spreadsheet versions of all investment analysis?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.24 From the investment analysis provided, is it possible to reproduce the results?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.25 Costs of financing expenditures (i.e. loan repayments and interest) should only be included in the cash flow as costs if equity IRR is used, not if a project IRR is used. Are interest payments taken into account in the calculation of tax, if the benchmark is for after-tax comparison?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.26 If an Equity IRR has been used, is the debt portion of the investment cost included as a cash outflow? (i.e. as well as interest costs and principle repayments – double counting)	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A

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<p>B.5.27 Sensitivity analysis:</p> <p>a. Are all variable and critical costs and revenues in the analysis included in the sensitivity analysis?</p> <p>b. Is the assessed range of variations reasonable in light of the reliability of the estimated input values and the likely range?</p> <p>c. Is the sensitivity analysis possible to reproduce?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.28 Are input values used in all the investment analysis valid and applicable at the time of the investment decision taken by the project participant?</p> <p>Is the time of investment decision appropriately justified by evidences?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.29 Does the PDD present the investment analysis in a transparent manner and provide all the relevant assumptions (preferably in the CDM-PDD form, or in separate appendices to the CDM-PDD)?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.30 Have the listed input values been consistently applied in all calculations?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.31 Are all references made in the investment analysis correctly referenced/ sourced? Have these sources been verified?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the	N/A	N/A

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		monitoring plan using an approved baseline and monitoring methodology.		
B.5.32 Have financial calculations been verified by: assessing all parameters and assumptions against the available evidence and expertise; crosschecking the parameters against 3rd party or publicly available sources; reviewing feasibility reports, public announcements and annual financial reports; assessing the correctness of computations and the sensitivity analysis?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
<p>B.5.33 Have values from a feasibility study report (FSR) approved by national authorities been used? If so:</p> <p>a. Has the FSR been the basis of the decision to proceed with the investment in the project?</p> <p>How has this been verified?</p> <p>b. Are the values used in the PDD and associated annexes valid and consistent with the FSR?</p> <p>c. At the time of the investment decision, are the input values from the FSR valid and applicable (based on specific local and sectoral expertise and knowledge)?</p>	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.34. In case of applying step 3 (barrier analysis) of the additionality tool: Is a complete list of barriers developed that prevent the different alternatives to occur?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.35. Do any such identified barriers have a clear and direct impact on the financial returns of the project activity? (these are not barriers and should be assessed in	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD	N/A	N/A

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the investment analysis)		relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.		
B.5.36 Are the identified barriers real and substantiated by independent sources of data such as relevant national legislation, surveys of local conditions and national or international statistics?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.37. Is it clearly explained how approval of the project in the CDM would enable the proposed project activity to surmount the barrier? Is the rationale reasonable and justified with evidence?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.38. Does the review of relevant background information on the nature of the company(ies) and entity(ies) involved in the financing and implementation of the project sufficiently justify that the barriers related to the lack of access to capital, technologies and skilled labour are real?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.39 Has common practice analysis been undertaken? Mention the tool or guidelines applied for this analysis.	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.40 Is the geographical and temporal scope of the common practice analysis appropriate for the assessment related to the project activity's technology or industry	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD	N/A	N/A

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type? Which is the relevant geographical area assessed for the common practice analysis?		relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.		
B.5.41 Have all similar projects regarding the same technology and industrial sector been included in the common practice analysis? Which are these projects? What sources of information have been used to assess the existence of similar projects? (official sources, local and industry expertise). If some projects have been excluded as non comparable or not similar, is the exclusion reasonable and justified?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.42 Have similar and operational projects other than CDM project activities been undertaken in the region?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.43 Are these widely observed and commonly carried out? If so: a. How have the essential distinctions with the proposed CDM project activity been assessed? b. Are such distinctions justified with sufficient evidence? c. If inaccessibility of data is the reason why some projects have not been included in the analysis, is justification of this claim provided?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.5.44 Overall, is the proposed CDM project activity considered common practice?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting	N/A	N/A

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		period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.		
B.5.45. Is it demonstrated/justified that the project activity is not a likely baseline scenario?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
B.6. Emissions reductions				
<i>B.6.1. Explanation of methodological choices</i>				
B.6.1.1. Is it explained how the procedures provided in the methodology are applied by the proposed project activity?	DR	Yes, it is explained how the procedures provided in the methodology are applied by the proposed project activity.	OK	OK
B.6.1.2. Is every selection of options offered by the methodology correctly justified and is this justification in line with the situation verified on-site?	DR	<p>CAR 9.- No discussion appears in the PDD regarding the option used for the calculation of the CO2 emission factor of each power unit m (EF_{EL,m,y})</p> <p>The final version of the PDD follows the steps of the latest "Tool to calculate the emission factor for an electricity system" and appropriate evidence has been provided.</p> <p>CAR 9 is closed.</p> <p>Options have been correctly justified in the PDD.</p>	CAR 9	OK
B.6.1.3. Are the formulae required for the determination of emissions reductions correctly presented and used? (<i>Open excel, traceability of data, etc</i>)	DR	Formulae and tools used in emission reductions calculation have been correctly presented in the final PDD.	CAR 2 CAR 8 CAR 9	OK

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B.6.1.4 Are all the data and assumptions listed in the PDD? Are they appropriate and do calculations result in a conservative estimate of emission reductions?	DR	Yes, the calculations result in a conservative estimate of emission reductions.	CAR 2 CAR 8 CAR 9	OK
<i>B.6.2. Data and parameters that are available at validation</i>				
B.6.2.1. Is the list of parameters presented in chapter B.6.2 considered to be complete with regard to the requirements of the applied methodology? Is all the information required for each parameter included?	DR	<p>CAR 10.- Sources of data for parameters $EF_{grid,CM,y}$, $NCV_{i,y}$, EG_y, $EG_{m,y}$ are not the most recent ones.</p> <p>The PDD has been updated according to the latest information published in December 2013 by the Mexican Energy Secretariat (SENER).</p> <p>CAR 10 is closed.</p> <p>CAR 11.- Current EG_y, $EG_{m,y}$ values reflect gross electricity generation instead of net electricity as required by the Tool to calculate the emission factor for an electricity system – Version 04.0.0 . In addition, imports considered in calculating EG_y include electricity from grids not connected to the SIN.</p> <p>The ER spreadsheet and the PDD have been updated accordingly, so net electricity is considered for the calculation of the OM. In addition, imports for the grid not connected to the SIN have been removed from the calculations.</p> <p>CAR 11 is closed.</p> <p>CAR 12. As per provided ER calculation spreadsheet parameter $\eta_{m,y}$ shall be included as parameter available at validation</p> <p>Parameters appearing in section B.6.2 of the final PDD are complete and in accordance with the methodology.</p> <p>CAR 12 is closed.</p>	CAR 10 CAR 11 CAR 12	OK
B.6.2.2. Are all the data derived from official data sources	DR	All data used in calculations are from official data sources and they	CAR 2	OK

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or replicable records and have they been correctly quoted?		are correctly quoted.	CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	
B.6.2.3. For each parameter: a. Title in line with Methodology? b. Data unit correctly expressed? c. Appropriate description? d. Source clearly referenced? (and appropriate?) e. Correct value provided? f. Has this value been verified? g. Choice of data correctly justified? h. Measurement method correctly described? i. Purpose of data indicated?	DR	The list of parameters presented in chapter B.6.2 is considered to be complete with regard to the requirements of the applied methodology. All the information required for each parameter is included	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
B.6.2.4. Will the data and parameters result in a conservative estimate of emissions reductions?	DR	Yes, the data and parameters result in a conservative estimate of emission reductions.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
<i>B.6.3 Calculation of GHG Emission Reductions – Baseline Emissions</i>				

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<i>It is assessed whether the baseline emissions are stated according to the methodology and whether the argumentation for the choice of default factors and values – where applicable – is justified.</i>				
B.6.3.1 Are the calculations documented according to the approved methodology and in a complete and transparent manner?	DR	Calculations for the emission reductions have been provided and they are documented according to the approved methodology in a complete and transparent manner.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
B.6.3.2. Have conservative assumptions been used when calculating the baseline emissions?	DR	Conservative assumptions have been used when calculating the baseline emissions.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
B.6.3.3 Are uncertainties in the baseline emission estimates properly addressed?	DR	Uncertainties in the baseline emission estimates are properly addressed.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
B.6.3.4. Is additional background information on baseline data provided in Appendix 4 of the PDD? Is this information consistent with data presented by other sections of the PDD?	DR	Appendix 4 gathers additional information on baseline calculation. Yes the information is consistent with data presented by other sections of the PDD.	CAR 2 CAR 8	OK

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			CAR 9 CAR 10 CAR 11 CAR 12	
<i>B.6.4 Calculation of GHG Emission Reductions – Project Emissions</i> <i>It is assessed whether the project emissions are stated according to the methodology and whether the argumentation for the choice of default factors and values – where applicable – is justified.</i>				
B.6.4.1 Are the calculations documented according to the approved methodology and in a complete and transparent manner?	DR	Not applicable. No project emissions are accounted for under this methodology.	N/A	N/A
B.6.4.2. Have conservative assumptions been used when calculating the project emissions?	DR	Not applicable. No project emissions are accounted for under this methodology.	N/A	N/A
B.6.4.3 Are uncertainties in the project emission estimates properly addressed?	DR	Not applicable. No project emissions are accounted for under this methodology.	N/A	N/A
<i>B.6.5. Calculation of GHG Emission Reductions – Leakage</i> <i>It is assessed whether leakage emissions are stated according to the methodology and whether the argumentation for the choice of default factors and values – where applicable – is justified.</i>				
B.6.5.1 Are the leakage calculations documented according to the approved methodology and in a complete and transparent manner?	DR	Not applicable. No leakage effects are accounted for under this methodology.	N/A	N/A
B.6.5.2. Have conservative assumptions been used when calculating the leakage emissions?	DR	Not applicable. No leakage effects are accounted for under this methodology.	N/A	N/A
B.6.5.3. Are uncertainties in the leakage emission estimates properly addressed?	DR	Not applicable. No leakage effects are accounted for under this methodology.	N/A	N/A

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<i>B.6.6. Ex-ante calculation of emission reductions</i>				
B.6.6.1. Are the GHG calculations documented in a complete and transparent manner? Are all the calculations correct?	DR	Yes, the calculations are documented in a complete and transparent manner.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
B.6.6.2. Is the data provided in this section consistent with data as presented in other chapters of the PDD?	DR	Yes, the data are consistent along the PDD.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
<i>B.6.7. Summary of the ex-ante estimation of emission reductions</i>				
B.6.7.1. Will the project result in fewer GHG emissions than the baseline scenario?	DR	Yes, the project will result in fewer GHG emissions.	CAR 2 CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	OK
B.6.7.2. Are the emissions reductions projected in line	DR	Yes, the emissions reductions projected are in line with the time	CAR 2	OK

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with the envisioned time schedule for the project' implementation and the indicated crediting period?		schedule for the project' implementation and the indicated crediting period.	CAR 8 CAR 9 CAR 10 CAR 11 CAR 12	
<i>B.7.1. Description of the monitoring plan</i>				
B.7.1.1 Is the monitoring plan documented according to the approved methodology and relevant tools and in a complete and transparent manner?	DR	Yes, the monitoring plan is documented according to the approved methodology and relevant tools and in a complete and transparent manner	OK	OK
B.7.1.2. Does the monitoring methodology provide a consistent approach in the context of all parameters to be monitored and further information provided in the PDD?	DR	Yes, the monitoring methodology provides a consistent approach in the context of all parameters to be monitored.	OK	OK
B.7.1.3. Does the monitoring plan provide a clear description of the organization structure involved in monitoring activities and their responsibilities?	DR	Yes, the monitoring plan provides a clear description of the organization structure involved in monitoring activities and their responsibilities	OK	OK
B.7.1.4. If applicable: Does appendix 5 provide useful information enabling a better understanding of the envisioned monitoring provisions?	DR	All the information about the monitoring plan is included in section B.7.	OK	OK
B.7.1.5. Is the registration, monitoring, measurement and reporting procedure defined?	DR	Yes, the registration, monitoring, measurement and reporting procedure is defined.	OK	OK
<i>B.7.2 Compliance of the monitoring plan with the approved methodology</i>				
B.7.2.1 Is the list of parameters considered to be complete with regard to the requirements of the applied methodology? Are all of them clearly described in the	DR	The list of the parameters has been completed in the latest PDD in accordance with the methodology and the tool applied	CAR 13	OK

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monitoring plan and in accordance with the methodology and tools?				
B.7.2.2. Does the monitoring plan provide for the collection and archiving of all relevant data necessary for estimation or measuring the emission reductions within the project boundary during the crediting period?	DR	Yes, according to the methodology, the monitoring plan indicates that all data collected as part of monitoring will be archived and will be kept at least for 2 years after the end of the last crediting period.	CAR 13	OK
B.7.2.3. Parameter EG_{facility,y} a. Title in line with methodology? b. Data unit correctly expressed? c. Parameter appropriately described? d. Source clearly referenced? e. Correct value provided for the purpose of PDD estimations? f. Has this value been verified? g. Measurement methods correctly described and in line with the methodology/tools? h. Correct reference to standards (i.e. for calibration and maintenance)? i. Indication of accuracy provided? j. QA/QC procedures appropriate and described? k. Purpose of data indicated?	DR	<p>CAR 13.-The title of the parameter, its description, source of data and measurement procedure are not in line with the methodology. In addition the value applied does not match with that appearing in the registered PDD.</p> <p>The monitored parameter has been corrected to EG_{facility,y} and completed in accordance with the methodology in the final PDD.</p> <p>CAR 13 is closed.</p> <p>For the each parameter in the monitoring plan, of the final PDD i.e., EG_{facility,y} the titles are in line with methodology, data units are correctly expressed, the descriptions are appropriate, the sources are clearly referenced, the values are correct, they have been verified and correctly justified, and measurement methods described in compliance with the methodology/tools, correct references to standards if applicable, the accuracy defined if possible and the QA/QC further detailed and appropriate.</p>	CAR 13	OK
B.7.3 Implementation of the Monitoring Plan				
B.7.3.1 Do the means of monitoring of each of the parameters included in the plan comply with the requirements of the methodology?	DR	The means of monitoring of the parameter described in the PDD comply with the requirements of the applied methodology.	CAR 13	OK

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B.7.3.2. Is the measurement equipment described and deemed appropriate?	DR	Yes, the measurement equipment is described and deemed appropriate.	CAR 13	OK
B.7.3.3. Are procedures identified for maintenance of monitoring equipment and installations? Are provisions regarding the calibration intervals included in the monitoring plan?	DR	<p>CAR 14: Provisions regarding calibration frequency of the equipment involved in the project shall be included in the monitoring plan.</p> <p>Provisions regarding calibration frequency and accuracy of the metering equipment involved in the project have been included in the final PDD.</p> <p>CAR 14 is closed.</p> <p>Yes, procedures for maintenance of equipment, as well as calibration, are performed according to the relevant/sectoral standards. The periodic calibration of the monitoring equipment will be done at least once every two years.</p>	CAR 14	OK
B.7.3.4. Is the measurement accuracy addressed and deemed appropriate? Are procedures in place on how to deal with erroneous measurements or lack of data?	DR	Measurement accuracy is addressed and deemed appropriate.	OK	OK
B.7.3.5. Is the monitoring Plan sufficient to ensure the verification of a proper implementation of the monitoring plan?	DR	Yes, the monitoring plan is considered to be sufficient.	CAR 13 CAR 14	OK
C. DURATION OF THE PROJECT ACTIVITY / CREDITING PERIOD				
C.1. Duration of the project activity				
C.1.1. Are the project's starting date and operational lifetime clearly defined and reasonable?	DR	Yes, project's starting date and operational lifetime is clearly defined and reasonable	OK	OK
C.2. Choice of the crediting period and related information				

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C.2.1. Is the assumed crediting period clearly defined and reasonable (renewable crediting period of max 7 years with potential for 2 renewals or fixed crediting period of max. 10 years)? And, is the starting date of the crediting period corrected considered?	DR	Yes, the assumed crediting period is clearly defined and reasonable. The starting date of the second crediting period is correctly considered (01/07/2014).	OK	OK
D. ENVIRONMENTAL IMPACTS				
D.1. Documentation on the analysis of the environmental impacts, including transboundary impacts				
D.1.1. Has the analysis of the environmental impacts of the project activity been sufficiently described in the PDD?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
D.1.2. Are there any Host Party requirements for an Environmental Impact Assessment (EIA), and if so, has an EIA been approved?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
D.1.3. Will the project create any adverse environmental effects? Has any environmental impact identified as significant?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
D.1.4. Are transboundary environmental impacts identified in the analysis?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the	N/A	N/A

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		monitoring plan using an approved baseline and monitoring methodology.		
D.1.5. Does the project comply with any other environmental legislation in the host country?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
D.2. If environmental impacts are considered significant by the project participants or the host Party, please provide conclusions and all references to support documentation of an environmental impact assessment undertaken in accordance with the procedures as required by the host Party.				
D.2.1. Have the identified environmental impacts been sufficiently addressed in the PDD?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
E. STAKEHOLDERS' COMMENTS				
E.1. Brief description how comments by local stakeholders have been invited and compiled				
E.1.1. Have relevant local stakeholders been consulted prior to the publication of the PDD? Is the exact date of the consultation process included in the PDD?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
E.1.2. Have appropriate media been used to invite comments by local stakeholders?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the	N/A	N/A

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		monitoring plan using an approved baseline and monitoring methodology.		
E.1.3. If a stakeholder consultation process is required by regulations/laws in the host country, has the stakeholder consultation process been carried out in accordance with such regulations/laws?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
E.1.4. Is the undertaken stakeholder process that was carried out described in a complete and transparent manner?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
E.2. Summary of the comments received				
E.2.1. Is a summary of the stakeholder comments received provided?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A
E.3. Report on how due account was taken of any comments received				
E.3.1. Has due account been taken of any stakeholder comments received?	DR	Not applicable. According to paragraph 276 the CDM Project Standard version 06.0, for the purpose of renewal of the crediting period project participants shall update those sections of the PDD relating to the baseline, estimated emissions reductions and the monitoring plan using an approved baseline and monitoring methodology.	N/A	N/A

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E.4. Sampling				
E.4.1. Has sampling been applied as part of the validation activities? Explain where it has been applied.	DR	Not applicable. Sampling is not applied as part of the validation activities.	N/A	N/A
E.4.2. Has the standard for sampling currently in force been applied?	DR	Not applicable. Sampling is not applied as part of the validation activities.	N/A	N/A

*MoV/Ref: Means of Validation and references of background documents.

ANNEX 2: CERTIFICATES OF QUALIFICATION VALIDATION AND TECHNICAL REVIEW TEAM

CERTIFICATE OF QUALIFICATION

Subject: Validation and Technical Review Team for "La Venta II"

Madrid, 15 April 2014

Hereby I confirm the following records of qualification, according with AENOR internal instruction "Validation, Verification and Certification of Clean Development Mechanism (CDM) project activities" IE-DTC-039, and in relation with the validation process of the above mentioned project activity:

Name: **Marcelino Pellitero Martinez**

CDM Chief Validator: YES

CDM Validator: N.A.

CDM Chief Verifier: N.A.

CDM Verifier: N.A.

Technical Expert: YES.

Technical areas related with the project activity:

TA 1.2: Energy generation from renewable energy sources.



Luis ROBLES OLMOS
Climate Change Manager

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CERTIFICATE OF QUALIFICATION

Subject: Validation and Technical Review Team for "La Venta II"

Madrid, 15 April 2014

Hereby I confirm the following records of qualification, according with AENOR internal instruction "Validation, Verification and Certification of Clean Development Mechanism (CDM) project activities" IE-DTC-039, and in relation with the validation process of the above mentioned project activity:

Name: **Alfonso Medrano Gutierrez**

CDM Chief Validator: YES

CDM Validator: N.A.

CDM Chief Verifier: N.A.

CDM Verifier: N.A.

Technical Expert: YES.

Technical areas related with the project activity:

TA 1.2: Energy generation from renewable energy sources.



Luis ROBLES OLMOS
Climate Change Manager