



ANNEX 4

ASSESSMENT

REGARDING POST REGISTRATION CHANGES

ENERGÍA EÓLICA DE HONDURAS S.A.

CERRO DE HULA WIND PROJECT

Report No: 14 - 15/041

Date: 2015-10-16

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Assessment Report on post registration changes	Report No.	Rev. No.	Date of 1st issue:	Date of this rev.
	14- 15/041	1	2015-10-16	2015-10-16
Project:	Title:		Registr. date:	UNFCCC-No.:
	Cerro de Hula Wind Project		2012-04-24	5584
Project Participant(s):	Host Country PP – Name:		Host Party:	
	Energia Eolica de Honduras SA		[Honduras]	
	Investor PP(s) – Name(s):		Investor Party(ies)	
	na		na	
Applied methodology/ies:	Title:		No.:	Scope:
	Consolidated baseline methodology for grid-connected electricity generation from renewable sources		ACM0002, vesion 12.2.0	1
Post Registration Changes:	Type of requested changes		Number of changes	Prior Approval required
	<input type="checkbox"/> Temporary deviations from the MP		-	<input type="checkbox"/>
	<input type="checkbox"/> Temporary deviations from the MM		-	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Corrections that do not affect the project		2	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Change to the start date of the crediting p.		-	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Permanent changes from the MP		1	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Permanent changes from the MM		-	<input type="checkbox"/>
	<input type="checkbox"/> Design changes to the project activity/PoA		-	<input type="checkbox"/>
<input type="checkbox"/> Changes specific to A/R		-	<input type="checkbox"/>	
Revised PDD:	Title:	Version:	Attached in TC:	Attached clean:
	Cerro de Hula Wind Project	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Assessment team / Technical Review and Final Approval	Assessment Team:		Technical review:	Final approval:
	Guadalupe Avendano - TL, Oliver Quireza - TM		Kunal Rami(OR) Stefan Winter	Martin Saalman
Assessment Opinion:	<input checked="" type="checkbox"/>	The post registration changes require prior Approval by the Board		
	<input type="checkbox"/>	The post registration changes do not require prior Approval by the Board		
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Abbreviations

CA	Corrective Action / Clarification Action
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CO₂	Carbon dioxide
CO_{2e}	Carbon dioxide equivalent
CL	Clarification Request
CP	Certification Program
DNA	Designated National Authority
DVerR	Draft Verification Report
EB	CDM Executive Board
EEHSA	Energía Eólica de Honduras, S.A.
ENEE	National Company of Electricity « Empresa Nacional de Energía Eléctrica
ER	Emission Reduction
FAR	Forward Action Request
GHG	Greenhouse gas(es)
GME	Globeleq Mesoamerica Energy
MP	Monitoring Plan
MR	Monitoring Report
N/A	Not applicable
PA	Project Activity
PDD	Project Design Document
PoA	Program of Activities
PP	Project Participant
PPA	Power Purchase Agreement
PRC	Post Registration Changes
QA/QC	Quality Assurance / Quality Control
SERNA	Environmental Ministry – Secretaria de Estado en los Despachos de Recursos Naturales y Ambiente
S/N	Serial Number



UNFCCC	United Nations Framework Convention on Climate Change
VT	Verification/Validation Team
VVS	Validation and Verification Standard
WTG	Wind Turbine Generator
XLS	Emission Reduction Calculation Spread Sheet

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1 OBJECTIVE / SCOPE

Energia Eolica de Honduras S.A. has commissioned the TÜV NORD JI/CDM Certification Program (CP) to assess post registration changes of the project

“Cerro de Hula Wind Project”

This report serves for all kind of post registration changes as defined in the PS.

This report serves as an annex to the Post-registration changes request form (CDM-PRC-FORM).

2 GENERAL CHARACTERISTICS

2.1 Project Characteristics

Essential data of the project is presented in the following Table 2-1.

Table 2-1: Project Characteristics

Item	Data
Project title	Cerro de Hula Wind Project
Project type	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> PoA
Project size	<input checked="" type="checkbox"/> Large Scale <input type="checkbox"/> Small Scale
Project Scope (according to UNFCCC sectoral scope numbers for CDM)	<input checked="" type="checkbox"/> 1 Energy Industries (renewable- /non-renewable sources)
	<input type="checkbox"/> 2 Energy distribution
	<input type="checkbox"/> 3 Energy demand
	<input type="checkbox"/> 4 Manufacturing industries
	<input type="checkbox"/> 5 Chemical industry
	<input type="checkbox"/> 6 Construction
	<input type="checkbox"/> 7 Transport
	<input type="checkbox"/> 8 Mining/Mineral production
	<input type="checkbox"/> 9 Metal production
	<input type="checkbox"/> 10 Fugitive emissions from fuels (solid, oil and gas)
	<input type="checkbox"/> 11 Fugitive emissions from production and consumption of halocarbons and hexafluoride
	<input type="checkbox"/> 12 Solvents use
	<input type="checkbox"/> 13 Waste handling and disposal
	<input type="checkbox"/> 14 Afforestation and Reforestation
	<input type="checkbox"/> 15 Agriculture
	<input type="checkbox"/> 16 Carbon capture and storage
Applied Methodology	Consolidated baseline methodology for grid-connected electricity generation from renewable sources
Technical Area(s)	1.2: Renewables
CDM registration No.	5584
Crediting period	<input type="checkbox"/> Renewable Crediting Period (7 y) <input checked="" type="checkbox"/> Fixed Crediting Period (10 y)

For a detailed project description please refer to the registered PDD and/or the latest verification report.

2.2 Overview of Post Registration Changes

Within this report post registration changes as listed in Table 2-2 are assessed.

Table 2-2: Overview Post Registration Changes

#	Applicable as of / from - to	Type of post registration change ¹⁾	Description
1	2014-01-01	CrPDD	The installed capacity and number of WTG was corrected

#	Applicable as of / from - to	Type of post registration change ¹⁾	Description
			in all sections of the PDD. The
2	2014-01-01	CrPDD	A transformer T630 was installed
3	2014-08-25	PCfrMP	Two power meters were installed

- ¹⁾
- TDfrMP : Temporary deviation from registered monitoring plan
 - TDfMM : Temporary deviation from the monitoring methodology
 - CrPDD : Corrections to the registered PDD
 - ChSD : Change to the start date of the crediting period
 - PCfrMP : Permanent changes from registered Monitoring Plan
 - PCfMM : Permanent changes from Monitoring Methodology
 - CoPD : Changes to the project design of a registered project activity / PoA
 - CstAR : Changes specific to afforestation or reforestation

2.3 Assessment team members and technical reviewers

On the basis of a competence analysis and individual availabilities a assessment team, consistent of one team leader and 1 additional team member, were appointed. Furthermore also the personnel for the technical review and the final approval were determined.

The list of involved personnel, the tasks assigned and the qualification status are summarized in the table 2-3 below.

Table 2-3: Involved Personnel

	Name	Company	Function ¹⁾	Qualification Status ²⁾	Scheme competence ³⁾	Technical competence ⁴⁾	Verification competence ⁵⁾	Host country Competence	On-site visit
<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Ms.	Guadalupe Avendano	TNMX	TL	LA	<input checked="" type="checkbox"/>	1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Ms.	Oliver Quireza	TNMX	TM	A	<input checked="" type="checkbox"/>	1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Ms.	Kunal Rami	TNC	OR	A	<input checked="" type="checkbox"/>	1.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Ms.	Stefan Winter	TNC	TR	SA	<input checked="" type="checkbox"/>	1.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Mr.	Martin	TNC	FA	SA	<input checked="" type="checkbox"/>	1.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Name	Company	Function ¹⁾	Qualification Status ²⁾	Scheme competence ³⁾	Technical competence ⁴⁾	Verification competence ⁵⁾	Host country Competence	On-site visit
<input type="checkbox"/> Ms.	Saalmann								
<input type="checkbox"/> Mr. <input type="checkbox"/> Ms.			TR		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	-
<input type="checkbox"/> Mr. <input type="checkbox"/> Ms.			OR		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	-
<input type="checkbox"/> Mr. <input type="checkbox"/> Ms.			FA		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	-

¹⁾ TL: Team Leader; TM: Team Member, TR: Technical review; OT: Observer-Team, OR: Observer-TR; FA: Final approval

²⁾ GHG Auditor Status: A: Assessor; LA: Lead Assessor; SA: Senior Assessor; T: Trainee; TE: Technical Expert

³⁾ GHG auditor status (at least Assessor)

⁴⁾ As per S01-MU03 or S01-VA070-A2 (such as 1.1, 1.2, ...)

⁵⁾ In case of verification projects

A) Team Member: GHG auditor (at least Assessor status), Technical Expert (incl. Host Country Expert or Verification Expert), not ETE

B) No team member

2.4 Assessment Steps

The *assessment of post registration changes* consisted of the following steps:

- Appointment of team members and technical reviewers
- A desk review of the registered and revised PDD^{/PDD/} submitted by the client and additional supporting documents
- On-Site assessment (if required)
- Background investigation and follow-up interviews with personnel of the project developer and its contractors,
- Resolution of corrective actions (CARs / CLs) (if any)
- Final reporting
- Technical review
- Final approval.

2.5 Review of Documents

The registered as well as the revised PDD and supporting background documents related to the project design and the post registration changes were reviewed.

2.6 Follow-up Interviews

The validation team has carried out interviews in order to assess the information included in the project documentation and to gain additional information regarding the compliance of the project with the relevant criteria applicable for CDM.

During validation the validation team has performed interviews to confirm selected information and to resolve issues identified in the document review. The main topics of the interviews are summarized in table 2-4.

Table 2-4: Interviewed persons and interview topics

Interviewed Persons / Entities	Interview topics
Project proponent representatives Project consultant	<ul style="list-style-type: none">- Project history- Technical details of plant- Implemented changes from the previous project design- Impact of changes on the additionality justification- Impact on the monitoring of the project- Editorial issues of the revised PDD

A comprehensive list of all interviewed persons is part of section 7 'References'.

2.7 Resolution of Clarification and Corrective Action Requests

2.7.1 Definition

A **Corrective Action Request (CAR)** will be established where:

- mistakes have been made in assumptions, application of the methodology or the project documentation which will have a direct influence the project results,
- the requirements deemed relevant for validation of the intended / implemented changes,
- there is a risk that the changes cannot be approved by the UNFCCC or that emission reductions would not be able to be verified and certified after the implementation of the changes.

A **Clarification Request (CL)** will be issued where information is insufficient, unclear or not transparent enough to establish whether a requirement is met.

2.7.2 Assessment

After reviewing all relevant documents and taken all other relevant information into account, the assessment team issues all findings (in the course of a draft report, if applicable) and hands over the findings to the project proponent in order to respond on the issues raised and to revise the documentation accordingly.

The final reporting step starts after resolution of the raised CARs and CLs. In case the findings from CARs and CLs cannot be resolved by the project proponent or the proposed action related to the FARs raised cannot be assessed as adequate, no positive assessment opinion can be issued by the validation team.

The CAR(s) / CL(s) / FAR(s) are documented in the context of the respective chapters.

2.8 Technical review

Before submission of the final assessment report a technical review is carried out. The technical reviewer is a competent GHG auditor being appointed for the scope this project falls under. The technical reviewer is not considered to be part of the verification team and thus not involved in the decision making process up to the technical review.

As a result of the technical review process the assessment opinion as prepared by the validation team leader may be confirmed or revised. Furthermore reporting improvements might be achieved.

2.9 Final approval

After successful technical review of the final report an overall (esp. procedural) assessment of the requested post registration changes will be carried out by a senior assessor located in the accredited premises of TÜV NORD.

Only after this step the notification or the report can be forwarded to the UNFCCC (in case of a positive validation opinion).

3 CHANGES THAT DO NOT AFFECT THE PROJECT DESIGN

3.1 Assessment of Changes

Requested Deviation / Change #1			
Type of change(s):	<input type="checkbox"/> Temporary Deviation from Monitoring Plan <input type="checkbox"/> Temporary Deviation from Monitoring Methodology <input checked="" type="checkbox"/> Corrections that do not affect the project design <input type="checkbox"/> Permanent Change from Monitoring Plan <input type="checkbox"/> Permanent Change from Monitoring Methodology <input type="checkbox"/> Changes specific to afforestation or reforestation		
A. Description of post registration change			
Start Date: Please provide the start date of the change	2014-01-01	End Date: Please provide the end date of the change, if applicable	N/A
Description: Please give a detailed description of the change(s)	The capacity mentioned in PDD parameter "Installed capacity" (102MW) was corrected to 126MW and the number of WTG (51) was corrected to 63 (Refer to page 37 of PDD) .		
B. Assessment of post registration change – Corrections			
Correctness: Please assess whether the corrected information (incl. ex-ante values) is an accurate reflection of actual project information.	The modifications in the PDD of the capacity and number of WTG are correct as they are in line with the other sections of the PDD.		
MP/MM Compliance: Please check whether the corrected parameters are in accordance with the MM and/or MP.	The correction does not affect the MP either MM.		
Appendix 1 PS: Check whether the change affects the design of the PA.	The design of the PA is not affected because the registered PDD already considered the actual capacity and number of WTG. The correction of the installed capacity and number of turbines in page 37 is done in order to be in line to the other sections of the PDD.		
C. Revised PDD			
Rev. of PDD: Check whether the changes have been fully addressed in a revised PDD.	<input type="checkbox"/> The changes have correctly been reflected in the revised PDD. <input type="checkbox"/> A revision of the PDD is not required (in case of temp. changes). <input checked="" type="checkbox"/> The revised PDD has been forwarded in (i) track-change and (ii) clean version.		

Requested Deviation / Change #1

D. Prior Approval

Prior approval:

Assess whether the change requires prior approval of the board

- ☐ *The post registration change requires prior approval*
- ☒ *The post registration change does not require prior approval*

Requested Deviation / Change #2

- Type of change(s):
- ☐ *Temporary Deviation from Monitoring Plan*
 - ☐ *Temporary Deviation from Monitoring Methodology*
 - ☒ *Corrections that do not affect the project design*
 - ☐ *Permanent Change from Monitoring Plan*
 - ☐ *Permanent Change from Monitoring Methodology*
 - ☐ *Changes specific to afforestation or reforestation*

A. Description of post registration change

Start Date:

Please provide the start date of the change

2014-08-25

End Date:

Please provide the end date of the change, if applicable

N/A

Description:

Please give a detailed description of the change(s)

An additional transformer with capacity of 100MVA (T630, 230kV), S/N: T09939/2 was installed. The new transformer was required to support the added capacity of the additional installed 12 WTG in 2014. The change is included in the modified PDD.

B. Assessment of post registration change – Corrections

Correctness:

Please assess whether the corrected information (incl. ex-ante values) is an accurate reflection of actual project information.

The description of the new transformer T630 included in the modified PDD is in line to the information included in the single line diagram and information provided by the interviewed personnel. Furthermore, the physically installed rating and diagram plate was cross-checked against the documents provided by the manufacturer Crompton Greaves Ltd. The VT can corroborate that the information placed on the plate at the transformer is consistent to the documentation kept onsite.

Finally, the testing report was showed demonstrating that quality test has been carried out to the transformer; as a result no defects were observed. /TRANS/

MP/MM

Compliance:

Please check whether the corrected parameters are in accordance with the MM and/or MP.

No parameters have been corrected.

Requested Deviation / Change #2

Appendix 1 PS: Check whether the change affects the design of the PA.	The installation of the transformer does not affect the design of the PA because the output capacity (126 MW) is not modified.
C. Revised PDD	
Rev. of PDD: Check whether the changes have been fully addressed in a revised PDD.	<input checked="" type="checkbox"/> The changes have correctly been reflected in the revised PDD. <input type="checkbox"/> A revision of the PDD is not required (in case of temp. changes). <input checked="" type="checkbox"/> The revised PDD has been forwarded in (i) track-change and (ii) clean version.
D. Prior Approval	
Prior approval: Assess whether the change requires prior approval of the board	<input checked="" type="checkbox"/> <i>The post registration change requires prior approval</i> <input type="checkbox"/> <i>The post registration change does not require prior approval</i>

Requested Deviation / Change #3

Type of change(s):

- ☐ Temporary Deviation from Monitoring Plan
- ☐ Temporary Deviation from Monitoring Methodology
- ☐ Corrections that do not affect the project design
- ☒ Permanent Change from Monitoring Plan
- ☐ Permanent Change from Monitoring Methodology
- ☐ Changes specific to afforestation or reforestation

A. Description of post registration change

Start Date: Please provide the start date of the change	2014-08-25	End Date: Please provide the end date of the change, if applicable	N/A
Description: Please give a detailed description of the change(s)	A new pair of power meters (ION 8650) with accuracy Class 0.2 was installed on 2014-08-25, one main and one backup (S/N: MW-1308A1261-01 and S/N: MW-1310A906-01). The new meters measure the electricity from the new transformer (T630).		

B. Assessment of post registration change – Corrections

Requested Deviation / Change #3

<p>Correctness: Please assess whether the corrected information (incl. ex-ante values) is an accurate reflection of actual project information.</p>	<p>Sections B.7.1 and B.7.3 and Appendix 6 of the modified PDD are consistent to the on-site observations and delivered evidence. The installed power meters are in-line to the single line diagram and the acts signed between the PP and the ENEE (please refer to CL A1 for further details on the signed acts).^{/ACT/} 3.2 Furthermore, the VT can physically corroborate the meters specifications such as model, type, serial numbers and accuracy class by means of the nameplate. Finally, this data was cross-checked with the documental evidence kept onsite, provided by Schneider Electric.^{/METER/}</p>
<p>MP/MM Compliance: Please check whether the corrected parameters are in accordance with the MM and/or MP.</p>	<p>No parameters have been added or eliminated. The electricity data provided by the new meters will be added to the electricity data provided by the other pair of power meters. The only monitoring parameter is $EG_{\text{facility},y}$ (Quantity of net electricity generation supplied by the project plant/unit to the grid in year y).</p>
<p>Appendix 1 PS: Check whether the change affects the design of the PA.</p>	<p>The change does not affects the design of the PA.</p>
<p>B. Assessment of post registration change – Permanent changes from MP or MM</p>	
<p>MM compliance: Please check in case of changes to the registered MP, whether they are in compliance with the MM.</p>	<p>The change of the registered MP does not affect the compliance with the applied MM.</p>
<p>Later version of MM: Please check in cases where compliance with a later version of the MM is demonstrated that the conservativeness of the monitoring and verification is not affected.</p>	<p>N/A</p>
<p>Accuracy: Please give a detailed assessment whether the change is likely to lead to a reduction in the accuracy of the ER calculation.</p>	<p>No reduction in the accuracy is expected because the new meters have the same accuracy class, 0.2.^{/METER/}</p>

Requested Deviation / Change #3

Conservative-ness: Please give a detailed assessment whether conservative assumptions or discount factors have been applied to ensure that ER will not be overestimated.	No additional conservative assumptions are needed because the ER calculation method is not modified, ER will not be overestimated, since the installed capacity remains the same. As per onsite observations and interviews, no other turbines and wind farms are located in the near of Cerro de Hula (the nearest is approx. 190 km away from this farm); this means no other wind turbine is connected to the transformers of this project. Furthermore, this was the first wind energy project implemented in the Host Country, Honduras ¹ .
Appendix 1 PS: Check if the changes fall under one of the scenarios of appendix 1 of the PS.	The changes do not fall under any of the scenarios of the appendix 1 of the PS.
C. Revised PDD	
Rev. of PDD: Check whether the changes have been fully addressed in a revised PDD.	<input checked="" type="checkbox"/> The changes have correctly been reflected in the revised PDD. <input type="checkbox"/> A revision of the PDD is not required (in case of temp. changes). <input checked="" type="checkbox"/> The revised PDD has been forwarded in (i) track-change and (ii) clean version.
D. Prior Approval	
Prior approval: Assess whether the change requires prior approval of the board	<input checked="" type="checkbox"/> <i>The post registration change requires prior approval</i> <input type="checkbox"/> <i>The post registration change does not require prior approval</i>

3.3 Related Findings

The following table(s) include all raised CARs and CLs and the assessments of the same by the assessment team.

Finding	CL A1	
Classification	<input type="checkbox"/> CAR	<input checked="" type="checkbox"/> CL
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	The seal numbers (from ENEE), of the new installed power meters S/N: MW-1308A1261-01 and S/N: MW-1310A906-01 are not in line to the seal numbers reported in the Act: "04-2014 Operative Committee ENEE-EEHSA, Contract No. 49/2008". Clarification is requested.	

¹ <http://www.enee.hn/index.php/notas-relevantes/91-somos-categoria-limpia>

Finding	CL A1
Corrective Action #1 <i>This section shall be filled by the PP. It shall address the corrective action taken in details.</i>	<p>The seal numbers reported in the Act: 04-2014, were mistakenly written.</p> <p>The Act 01-2015 was developed by the Operations Committee ENEE-EEHSA and signed by all the authorized parties, in order to rectify the origin of the error in the numbering of the seals of the installed meters versus what was detailed in the Acts 04-2014 and 05-2014.</p>
DOE Assessment #1 <i>The assessment shall encompass all open issues in annex A-1. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.</i>	<p>The corresponding evidence was delivered to the verifier, in the same the correct seal numbers are rectified and relevant signatures are in place ^{/ACT/}.</p>
Conclusion <i>Tick the appropriate checkbox</i>	<input type="checkbox"/> Additional action should be taken (finding remains open) <input checked="" type="checkbox"/> The finding is closed

Finding	CAR A1
Classification	<input checked="" type="checkbox"/> CAR <input type="checkbox"/> CL
Description of finding <i>Describe the finding in unambiguous style; address the context (e.g. section)</i>	<p>The change in section B.6.2 regarding the installed capacity (126MW) and the number of WTG (63) is missing in Annex 6 of the modified PDD.</p>
Corrective Action #1 <i>This section shall be filled by the PP. It shall address the corrective action taken in details.</i>	<p>This correction is now added in Annex 6.</p>
DOE Assessment #1 <i>The assessment shall encompass all open issues in annex A-1. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.</i>	<p>Changes were done in appendix 6.</p> <p>However, the following is missing:</p> <p>In appendix 6:</p> <ul style="list-style-type: none"> - In the initial table, the date after "Version 10" is missing the sign / - Table 1: New meters installed, in the column: Installed Seal are not correct according to the delivered evidence. <p>Attachment shall be deleted.</p> <p>The latest version of the CDM-PDD-FORM is 06.0.</p>

Finding	CAR A1
Corrective Action #1 <i>This section shall be filled by the PP. It shall address the corrective action taken in details.</i>	<p>In appendix 6:</p> <ul style="list-style-type: none"> - The sign “/” was added to the date of the version 10. - The installed seal number of the new meters was modified in order to comply with the correct seal numbers. <p>The attachment: “Instructions for filling out the project design document form for CDM project activities” has been deleted.</p> <p>The PDD was changed to version 6 of the PDD form, which is the latest.</p>
DOE Assessment #1 <i>The assessment shall encompass all open issues in annex A-1. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.</i>	<p>Appendix 6 was corrected.</p> <p>Attachment was deleted</p> <p>The most recent version of the PDD form was applied.</p>
Conclusion <i>Tick the appropriate checkbox</i>	<p><input type="checkbox"/> Additional action should be taken (finding remains open)</p> <p><input checked="" type="checkbox"/> The finding is closed</p>

4 CHANGE TO THE START DATE OF THE CREDITING PERIOD

The post registration changes do not fall under this category.

5 CHANGES TO THE PROJECT / PROGRAMME DESIGN

The post registration changes do not fall under this category.

6 SUMMARY OF ASSESSMENT OPINIONS

The below listed changes have occurred after the registration of the project.

Type of Change occurred	Total No. of changes	No. of changes which require prior approval
<input type="checkbox"/> Temporary deviations from the MP		
<input type="checkbox"/> Temporary deviations from the MM		
<input checked="" type="checkbox"/> Corrections that do not affect the project		
<input type="checkbox"/> Change to the start date of the crediting p.		
<input checked="" type="checkbox"/> Permanent changes from the MP		
<input type="checkbox"/> Permanent changes from the MM		
<input type="checkbox"/> Design changes to the project activity / PoA		
<input type="checkbox"/> Changes specific to AR projects		

The above listed post registration changes require prior approval of the Board.

Queretaro, Mexico, 2015-10-16



6.1 Guadalupe Avendaño
TÜV NORD JI/CDM CP
Assessment Team Leader

Essen, 2015-10-16



Martin Saalman
TÜV NORD JI/CDM CP
Final Approval

7 REFERENCES

Table 7-1: Documents provided by the project participant

	Klicken Sie hier, um Text einzugeben.
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Reference	Document
/ACT/	04-2014, Operative Committee ENEE-EEHSA, Contract No. 49/2008, 2014-08-25 01-2015, Operative Committee ENEE-EEHSA, clarification on act 04-2014, 2015-08-27
/TRANS/	Crompton Greaves Ltd., manufacturer's specifications: <ul style="list-style-type: none"> • Physically installed rating and diagram plate • Documented rating and diagram plate • Test Report
/METER/	Schneider Electric, PowerLogic ION8650 manufacturer's specifications: <ul style="list-style-type: none"> • Physically installed nameplate • Technical data sheet 2011 • Energy and power quality meter user guide 2011 • Installation guide
/PDD1/	Project Design Document named "Cerro de Hula Wind Project" approved 2014-02-17, version 9
/PDD2/	Revised PDD reflecting the intended / implemented changes, 2015-03-13, version 10
/LAYOUT/	Electrical diagram showing the actual electric layout of the project, Iberdrola, October 2013.
/VERIF/	Verification report from ICE, 2014-08-25.

Table 7-2: Background investigation and assessment documents

	Klicken Sie hier, um Text einzugeben. :
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Reference	Document
/AMC/	AMC0002 : [Consolidated baseline methodology for grid-connected electricity generation from renewable sources, version 12.2.0
/CPM/	TÜV NORD JI / CDM CP Manual (incl. CP procedures and forms)
/PDD-T/	Project Design Document Form (F-CDM_PDD) - Version 6.0
/VVS/	CDM Validation and Verification Standard (version 9)
/PS/	CDM Project Standard (version 9)

Table 7-3: Websites used

Reference	Link	Organisation
/dna-HP/	http://www.serna.gob.hn/Paginas/default.aspx	DNA of Honduras (SERNA)
/enee/	www.enee.hn	ENEE
/ipcc/	www.ipcc-nggip.iges.or.jp	IPCC publications
/unfccc/	http://cdm.unfccc.int	UNFCCC

Table 7-4: List of interviewed persons

Reference	Mol ¹		Name	Organisation / Function
/IM01/	V	<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Ms	Leonel Umaña	Development Manager - GME
/IM01/	V	<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Ms.	Karla Martinez	Operation Supervisor - EEHSA
/IM02/	V	<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Ms.	Sofia Castro	Consultant – GeoIngenieria

¹⁾ Means of Interview: (Telephone, E-Mail, Visit)

APPENDIX

- A1:** Assessment of Financial Parameters
- A2:** Assessment of Barrier analysis
- A3:** Competence statements of involved personnel

APPENDIX 1: ASSESSMENT OF FINANCIAL PARAMETERS

Table A-1: Assessment of Financial Parameters (VVS, §§ 120, 121 / in case financial parameters stem from FSR §122)

<input type="checkbox"/>	No financial parameters are used for additionality justification					
<input type="checkbox"/>	Assessment of all financial parameters see below					
Parameter	Value applied	Unit	Source of Information (please indicate document and page)	Reference	DOE ASSESSMENT	
					Correctness of value applied	Comment
				//	<input type="checkbox"/>	
				//	<input type="checkbox"/>	
				//	<input type="checkbox"/>	
				//	<input type="checkbox"/>	
				//	<input type="checkbox"/>	
				//	<input type="checkbox"/>	
				//	<input type="checkbox"/>	

APPENDIX 2: ASSESSMENT OF BARRIER ANALYSIS

Table A-2: Assessment of Barrier Analysis (VVS, §§ 124-127)

<input checked="" type="checkbox"/>		No barrier parameters are used for additionality justification		
<input type="checkbox"/>		Assessment of barriers see below		
Kind of Barrier (invest, tech, other)	Description of Barrier	Evidence used	Assessment of validation team	
			Appropriateness of information source	Explanation of final result
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	

APPENDIX 3: STATEMENTS OF COMPETENCE OF INVOLVED PERSONNEL



Statement of Competence

Appointment and authorization according to the procedures of the TÜV NORD JI/CDM Certification Program

Ms. Guadalupe Avendaño Reyes

SCHEME	STATUS	VALID UNTIL
CDM	Lead Assessor (Validation, Verification) Technical Reviewer	2018-01-25
Ji		
VCS / ISO 14064-2		

Authorization status for technical areas within sectoral scopes:

355 - Rev. 0 Date: 2015-01-26

355_S01-VA060-F20.doc

S01-VA060-F20 rev3 / 2013-10-25



Statement of Competence

Appointment and authorization according to the procedures of the TÜV NORD JI/CDM Certification Program

Mr. Oliver Quireza Campos

SCHEME	STATUS	VALID UNTIL
CDM	Auditor	07-07-2017
VCS / ISO 14064-2	Auditor	07-07-2017

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.2	Renewable Energies
13.1	Waste Handling and Disposal
13.2	Animal Waste Management

337 - Rev. 2, Date: 2014-07-08

337_S01-VA060-F20_2014-07-08_rev2 - Kopie.doc

S01-VA060-F20 rev3 / 2013-10-25



Statement of Competence

Appointment and authorization according to the procedures of the TÜV NORD JI/CDM Certification Program

Mr. Stefan Winter

SCHEME	STATUS	VALID UNTIL
CDM	Senior Assessor (Validation, Verification) Technical Reviewer	2017-07-27
VCS	Senior Assessor (Validation, Verification) Technical Reviewer	2017-07-27

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA	TR SUBCATEGORIES
1.1	Thermal energy generation	
1.2	Renewable Energy	1.2.1 Hydro 1.2.2 Wind 1.2.3 Geothermal 1.2.4 Solar 1.2.5 Tidal
2.2	Heat distribution	
3.1	Energy demand	
13.1	Waste handling and disposal	13.1.1 Waste management 13.1.2 Waste water management
13.2	Animal waste management	
15.2	Animal waste management	

163 - Rev. 3, Date: 2014-07-28

163_S01-F003_2014-07-28_rev3.doc

S01-F003 rev1 / 2011-08-02



Statement of Competence

Appointment and authorization according to the procedures
of the TÜV NORD JI/CDM Certification Program

Mr. Martin Saalmann

SCHEME	STATUS	VALID UNTIL
CDM	Senior Assessor (Validation, Verification)	2015-11-15
	Technical Reviewer	
JI	Senior Assessor	2015-11-15
	Technical Reviewer	
VCS / ISO 14064-2	Senior Assessor	2015-11-15
	Technical Reviewer	

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.2	Renewables
13.1	Solid waste and wastewater

022 – Rev. 5, Date: 2015-05-01