



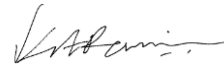
**Verification and certification report form for  
CDM project activities  
(Version 02.1)**

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

**BASIC INFORMATION**

<b>Title and UNFCCC reference number of the project activity</b>	60 MW Solar PV – Monte Plata UNFCCC ID: 8530
<b>Version number of the verification and certification report</b>	1.0
<b>Completion date of the verification and certification report</b>	21-02-2019
<b>Monitoring period number and duration of this monitoring period</b>	1 <sup>st</sup> Monitoring Period 31/05/2015 – 31/12/2016 (including both days)
<b>Version number of the monitoring report to which this report applies</b>	4.0
<b>Crediting period of the project activity corresponding to this monitoring period</b>	10-year fixed crediting period from 31/05/2015 to 30/05/2025 (including both days)
<b>Project participants</b>	Electronic J.R.C., S.R.L. (Private Entity) Foundation myclimate – The Climate Protection Partnership (Private Entity) Uno Wind Service GmbH (Private Entity)
<b>Host Party</b>	Dominican Republic
<b>Applied methodologies and standardized baselines</b>	CDM Methodology: ACM0002 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” version 13
<b>Mandatory sectoral scopes linked to the applied methodologies</b>	Scope: 1 / Technical Area: 1.2
<b>Conditional sectoral scope(s) linked to the applied methodologies</b>	N/A
<b>Estimated amount of GHG emission reductions or GHG removals for this monitoring duration in the registered PDD</b>	31,936 t CO <sub>2e</sub>
<b>Certified amount of GHG emission reductions or GHG removals for this monitoring period</b>	15,209 t CO <sub>2e</sub>
<b>Name and UNFCCC reference number of the DOE</b>	TÜV NORD CERT GmbH; E-0022

**Name, position and signature of the  
approver of the verification and  
certification report**



Kunal Rami  
Final Approver

**SECTION A. Executive summary**

Foundation myclimate – The Climate Protection Partnership (hereafter referred as “MyClimate”) has commissioned the TÜV NORD JI/CDM Certification Program to carry out the 1<sup>st</sup> periodic verification of the project:

“60MW Solar PV - Monte Plata”

with regard to the relevant requirements for CDM project activities.

This verification covers the period as indicated on the title page.

The project reduces GHG emissions due to the use of wind power to generate renewable electricity to be delivered to the national grid of Dominican Republic.

Details of the project location are given in table A-1 below:

**Table A-1:** Project Location

No.	Project Location
Host Country	Dominican Republic
Region:	Cruce de Boronga Sector
Project location address:	No. 41, 41 - Sub – 24, 41 – Sub - 44, D.C No 64 – B, all of the part of the Distrito Catastral. No. 64
Latitude:	Monte Plata Original: 18°49'.0919"N Monte Plata Addition: 18°49'.28.10"N
Longitude:	Monte Plata Original: 69 47'22.66"O Monte Plata Addition: 69 47'22.66"O

Basic technical details of the project are summarized in table A-2.

**Table - A-2:** Technical data of the project activity


Parameter	Unit	Value
Total Power	MW	60
Project area	m <sup>2</sup>	1080,779
Rated Power per PV module	W	245-260
No. of PV modules	-	132,000 - Original 138,000 - Addition
No. of Inverters	-	2000

As a result of this verification, the verifier confirms that:

- all operations of the project are implemented and installed as planned and described in the validated project design document.
- the monitoring plan is in accordance with the applied approved CDM methodology,
- the installed equipment essential for measuring parameters required for calculating emission reductions are calibrated appropriately.
- the monitoring system is in place and functional. The project has generated GHG emission reductions.

As the result of this periodic verification, the verifier confirms that the GHG emission reductions are calculated without material misstatements in a conservative and appropriate manner.

**SECTION B. Verification team, technical reviewer and approver****B.1. Verification team member**

No.	Role	 Last name	First name	Affiliation	Involvement in
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					(e.g. name of central or other office of DOE or outsourced entity)	Desk review	On-site inspection	Interview(s)	Verification findings
1.	Team Leader	EI	Quireza Campos	Oliver	TN México	x	x	x	x
2	Team Member	EI	Mitre	Raul	TN México	x	x	x	x

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

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer/ Approver	IR	Rami	Kunal	TÜV NORD CERT

## SECTION C. Application of materiality

### C.1. Consideration of materiality in planning the verification

In order to ensure a complete, transparent and timely execution of the verification task the team leader has planned the complete sequence of events necessary to arrive at a substantiated final verification opinion.

Various tools have been established in order to ensure an effective verification planning.

#### Materiality Threshold

The verification is based on the materiality threshold identified in table C-1 below:

**Table C-1:** Applied Materiality Threshold

	Threshold	Related to
<input type="checkbox"/>	0.5 %	Emission reductions or removals for registered CDM project activities achieving a total emission reduction or removal equal to or more than 500,000 tonnes of carbon dioxide equivalent per year <sup>1</sup> ;
<input type="checkbox"/>	1 %	Emission reductions or removals for registered CDM project activities achieving a total emission reduction or removal of between 300,000 and 500,000 tonnes of carbon dioxide equivalent per year;
<input checked="" type="checkbox"/>	2 %	Emission reductions or removals for registered large-scale CDM project activities achieving a total emission reduction or removal of 300,000 tonnes of carbon dioxide equivalent per year or less;
<input type="checkbox"/>	5 %	Emission reductions or removals for registered small-scale CDM project activities other than registered CDM project activities covered under next category below;
<input type="checkbox"/>	10 %	Emission reductions or removals for the type of registered CDM project activities referred to in decision 3/CMP.6, paragraph 38 (referred to as microscale project activities).

<sup>1</sup> A year refers to a period of 12 consecutive months.

### Strategic Analysis

At the beginning of the verification the verification team leader has assessed the nature, scale and complexity of the verification tasks by carrying out a strategic analysis of all activities relevant to the project activity. The team leader has collected and reviewed the information relevant to assess that the designated verification team is sufficiently competent to carry out the verification and to ensure that it is able to conduct the necessary risk analysis.

### Risk analysis and detailed audit testing planning

For the identification and assessment of potential reporting risks and to determine the necessary detailed audit testing procedures for residual risk areas the following table is used.

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1	Overlook relevant differences when cross checking electricity data from both meters (main and backup) and invoices	low	Even though there is procedures in place for all metering and cross checking processes the personnel could overlook important differences when performing the electricity reports.	Interview with personnel as well as demonstration of how the cross check is done. Cross check electricity data from both meters directly by the VT.
2	Omissions and misstatements in data transfer from SCADA into digital Excel ER spreadsheet	Medium	Ineffective quality control of data transfer due to unclear QA/QC procedure	Check QM procedure/manual. PP may demonstrate how to transfer data and how this is crosschecked. Conduct interview with related personnel whether procedure is actually conducted but not adequately described.
3.	Missing data due to failure of measurement equipment	Low	The monitoring plan defines emergency procedures in case a meter fails. Besides back-up meters are either installed or available onsite for fast exchange.	Check if related meters are installed as per monitoring plan. Check if emergency procedure is known across related personnel via interviews. Check back-up meters on correct calibration.

On the basis of the risk analysis the verification has been planned. A detailed audit/verification plan has been prepared and submitted to the project participant(s) in due time before the onsite inspection.

### C.2. Consideration of materiality in conducting the verification

Based on the verification planning the verification has been carried out. The concept of materiality has been considered. A breakdown of the chosen approaches is included in the following table.

Parameter	Approach*	Errors* detected	Corrected	Remaining verification risk
EG <sub>Facility,y</sub>	CDC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Not material
Aggregate	0%			Materiality threshold not exceeded

\*) incl. omissions and misstatements

+) Verification Approaches:

CDC: Complete data check of data including all data aggregation steps

NDC: Non-complete data check – omissions not material  
 SPL: Sampling approach (all data available)  
 ASP: Acceptance Sampling  
 COM: Data check at higher data aggregation levels and sampling at original data levels

The verification was basically carried out as per the verification plan. However, based on the actual situation on-site and the errors, omissions and misstatements identified during the verification minor deviations from the original plan occurred. However, due to the insignificance no major revision of the overall plan was required. Esp. there was no need for significant modification of the sampling approaches or for additional / less locations to be visited during the on-site.

## SECTION D. Means of verification

### D.1. Desk/document review

During the desk review all documents initially provided by the client and publicly available documents relevant for the verification were reviewed. The main documents are listed below:

- the last revision of the PDD including the monitoring plan<sup>/PDD/</sup>,
- the last revision of the validation report<sup>/VAL/</sup>,
- documentation of previous verifications<sup>/VER/</sup>
- the monitoring report, including the claimed emission reductions for the project<sup>/MR/</sup>,
- the emission reduction calculation spreadsheet<sup>/XLS/</sup>.

Other supporting documents, such as publicly available information on the UNFCCC website and background information were also reviewed.

### D.2. On-site inspection

Duration of on-site inspection: 05/07/2017 to 07/07/2017				
No.	Activity performed on-site	Site location	Date	Team member
1.	Kick off meeting	main offices	05/07/2017	Raul Mitre Oliver Quireza
2.	Viewing of relevant site points	Metering equipment room, substation, control room.	06/07/2017	Raul Mitre Oliver Quireza
3.	Evidence assessment	main offices	05/07/2017 07/07/2017	Raul Mitre Oliver Quireza
4.	Preparation of the DVR	main offices	05/07/2017 07/07/2017	Raul Mitre Oliver Quireza
6.	Findings summary to the client	main offices	07/07/2017	Raul Mitre Oliver Quireza
8.	Closing meeting	main offices	07/07/2017	Raul Mitre Oliver Quireza

**D.3. Interviews**

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Leon	Paul	My Climate	2017/07/05	Verification	Raul Mitre Oliver Quireza
2.	Bisono	Arnaldo	Soventix	2017/07/05	Verification	Raul Mitre Oliver Quireza
3.	Alfau	Mariel	Soventix	2017/07/05	Verification	Raul Mitre Oliver Quireza
4.	Alvarez	Jaime	Soventix	2017/07/05	Verification	Raul Mitre Oliver Quireza
5.	Arcia	Miriam	EMPACA	2017/07/05	Verification	Raul Mitre Oliver Quireza
6.	Aybar	Santo	USP	2017/07/07	Verification	Raul Mitre Oliver Quireza
7.	Estebez	Noel	Soventix	2017/07/07	Verification	Raul Mitre Oliver Quireza
8.	Cruz	Luis Alberto	Soventix	2017/07/07	Verification	Raul Mitre Oliver Quireza

**D.4. Sampling approach****D.4.1 Sampling during monitoring**

<input checked="" type="checkbox"/>	No sampling approach has been used by the PP to determine the monitored parameters				
<input type="checkbox"/>	A sampling approach has been taken for the following monitored parameter(s):				
	Parameter	Sampling approach <sup>1)</sup>	Sampling Type <sup>2)</sup>	Population	Sample Size

<sup>1)</sup> Sampling Approaches:

- SiRS: Simple Random Sampling  
 StRS: Stratified Random Sampling  
 SS: Systematic Sampling  
 CS: Cluster Sampling  
 MSS: Multi-stage Sampling  
 AS: Acceptance Sampling

<sup>2)</sup> Sampling Types:

- PS: Parameter Sampling

**D.4.2 Sampling approaches during verification**

<input checked="" type="checkbox"/>	No sampling approach has been used by the VT to verify the monitored parameters				
<input type="checkbox"/>	A sampling approach has been applied by the VT for the following monitored parameter(s):				
	Parameter	Sampling approach <sup>1)</sup>	Sampling Type <sup>2)</sup>	Population	Sample Size

1) Sampling Approaches:

SiRS: Simple Random Sampling  
 StRS: Stratified Random Sampling  
 SS: Systematic Sampling  
 CS: Cluster Sampling  
 MSS: Multi-stage Sampling

2) Sampling Types:

AS: Acceptance Sampling  
 PS: Parameter Sampling  
 COM: Full data check at higher data aggregation levels and sampling at original data levels

## D.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form	-	1	-
Compliance of the project implementation and operation with the registered PDD	-	1	-
Post-registration changes	-	-	-
Compliance of the registered monitoring plan with the methodologies including applicable tools and standardized baselines	-	-	-
Compliance of monitoring activities with the registered monitoring plan	-	2	-
Compliance with the calibration frequency requirements for measuring instruments	-	-	-
Assessment of data and calculation of emission reductions or net removals	-	1	-
Assessment of reported sustainable development co-benefits	-	-	-
Global stakeholder consultation	-	-	-
Others (please specify)	-	-	-
<b>Total</b>	-	5	-

## SECTION E. Verification findings

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

<b>Means of verification</b>	<p>A draft monitoring report was submitted to the verification team by the project participants. The DOE has made this report publicly available prior to the start of the verification activities. No comments were received.</p> <p>By means of the UNFCCC website it has been checked whether the latest applicable MR template CDM-MR-FORM has been used.</p> <p>Further it has been checked whether the latest instructions for filling out the MR template have been followed. Every section has been checked against the respective guidance.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /MRT/</li> <li>• /unfccc/</li> </ul>		
<b>Findings</b>	<input checked="" type="checkbox"/>	The latest reporting template CDM-MR-FORM as listed on the UNFCCC website has been used for the Monitoring Report to be uploaded.	
	<input checked="" type="checkbox"/>	The latest instructions for filling out the MR have been followed. No adverse finding has been identified in the course of this verification.	
	<input type="checkbox"/>	The respective requirements have widely been complied with; however; the following issues needed to be addressed in this context:	



Conclusion	<input type="checkbox"/>	No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.
	<input checked="" type="checkbox"/>	The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
	<p><b>CAR 01:</b> The following information shall be corrected in the updated PDD:</p> <ol style="list-style-type: none"> <li>1. Front page: Monitoring period shall be updated according to approved PRC. Please check also A.5.</li> <li>2. Front page: GHG reported up to 31/Dec/2012 shall be reported as "0".</li> <li>3. Section A.1: Please use the same base to describe the total installed capacity to avoid misunderstandings.</li> <li>4. Section A.4: The version of the applied methodology and tools are incorrect.</li> <li>5. Please erase last attachment related to instructions for filling out the MR</li> </ol> <p><b>CAR 02:</b> The following information shall be corrected in the updated PDD:</p> <ol style="list-style-type: none"> <li>1. Section B.1. information regarding the actual status of the project activity such as the status of implementation of the actual phase, the status of the capacity addition, estimated timelines, etc. is missing.</li> <li>2. Section B.2: information regarding approved PRC such as Correction (B.2.2) and Changes to the start date of crediting period (B.2.3) is missing.</li> </ol> <p>Section B.2.5: information regarding updated tools is incorrect. Furthermore short and concise information regarding the approved PRC shall be included.</p>	

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

During the validation the validating DOE might have raised issues that could not be closed or resolved during the validation stage. For this purpose FARs might have been raised. Likewise FARs might have been raised in the course of previous verifications.

In the course of this verification the latest version of the PDD <sup>/PDD/</sup> and the previous verification report <sup>/VER/</sup>, where applicable, have been checked in order to identify any remaining forward action requests. For the current monitoring period the following applies:

### (i) Open issues from validation:

<input checked="" type="checkbox"/>	There were no open issues which have been addressed in the latest version of the validation report.
<input type="checkbox"/>	All open issues from the validation have been appropriately addressed in the context of previous verifications.
<input type="checkbox"/>	All issues related to the validation have been appropriately addressed in the course of the current monitoring period (for details please refer to appendix 4)
<input type="checkbox"/>	The following issues related to the validation have <b>not</b> yet been appropriately addressed (for details please refer to appendix 4):
	- N/A

### (ii) Open issues from previous verifications:

<input type="checkbox"/>	N/A – as this is the first monitoring period for this CDM project activity.
<input checked="" type="checkbox"/>	There were no open issues which have been addressed in the previous verification report
<input type="checkbox"/>	All issues related to the previous verification have been appropriately addressed in the course of the current monitoring period (for details please refer to appendix 4)
<input type="checkbox"/>	The following issues related to the previous verification have <b>not</b> yet been appropriately addressed (for details please refer to appendix 4):
	- N/A

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

<b>Means of verification</b>	<p>By means of an in-depth review of the PDD in its latest form – as downloaded from the UNFCCC project site - and the checks carried out during the on-site visit an assessment has been carried out whether the project has been implemented and operated in line with the latest approved version of the PDD and whether all physical features of the project are in place. The following has been checked: implemented technology, project equipment as well as monitoring and metering equipment.</p> <p>Further is has been checked if relevant technical equipment of the project activity has been exchanged or modified during the monitoring period and consistent notations of key equipment (meters etc.) in PDD, MR and calculation spreadsheet are applied.</p> <p>Interviews with operational personnel have been carried out, QMS records, maintenance records, instrument specifications were checked in this context.</p> <p>Special focus has further been laid to determine whether a potential phase wise implementation has occurred within the crediting period or any delays with respect to the starting dates have occurred.</p> <p>Further it has been checked, no deviations from the registered project design occurred.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PDD/</li> <li>• /MR/</li> <li>• /VVS/</li> <li>• /XLS/</li> <li>• /PROC/</li> <li>• /unfccc/</li> </ul>																
<b>Findings</b>	<table border="1"> <tr> <td data-bbox="453 1057 523 1137"><input checked="" type="checkbox"/></td><td data-bbox="523 1057 1445 1137">The project has been implemented as described in the latest version of the PDD as well as in section B.1 of the monitoring report. No deviations thereof have been identified in the course of this verification.</td></tr> <tr> <td data-bbox="453 1137 523 1263"><input type="checkbox"/></td><td data-bbox="523 1137 1445 1263">The following deviations from the registered / approved project design and or the project description in the MR have been identified in the course of this verification (for further details please refer to section E.4): - N/A</td></tr> <tr> <td data-bbox="453 1263 523 1330"><input type="checkbox"/></td><td data-bbox="523 1263 1445 1330">In this context the following CARs, CLs have been raised:</td></tr> <tr> <td colspan="2" data-bbox="453 1330 1445 1375"><i>In case of phased implementation:</i></td></tr> <tr> <td data-bbox="453 1375 523 1431"><input checked="" type="checkbox"/></td><td data-bbox="523 1375 1445 1431">N/A</td></tr> <tr> <td data-bbox="453 1431 523 1498"><input type="checkbox"/></td><td data-bbox="523 1431 1445 1498">The phased implementation has correctly and in sufficient detail been described in the latest version of the PDD.</td></tr> <tr> <td data-bbox="453 1498 523 1599"><input type="checkbox"/></td><td data-bbox="523 1498 1445 1599">The description in section 3.1 of the MR differs in content or the level of detail from the latest version of the PDD. However, the description in the MR is correct and reflects the situation during the site inspection.</td></tr> <tr> <td data-bbox="453 1599 523 1682"><input type="checkbox"/></td><td data-bbox="523 1599 1445 1682">The project description in the PDD/MR is not deemed sufficient. The detailed implementation timeline is as follows: N/A</td></tr> </table>	<input checked="" type="checkbox"/>	The project has been implemented as described in the latest version of the PDD as well as in section B.1 of the monitoring report. No deviations thereof have been identified in the course of this verification.	<input type="checkbox"/>	The following deviations from the registered / approved project design and or the project description in the MR have been identified in the course of this verification (for further details please refer to section E.4): - N/A	<input type="checkbox"/>	In this context the following CARs, CLs have been raised:	<i>In case of phased implementation:</i>		<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>	The phased implementation has correctly and in sufficient detail been described in the latest version of the PDD.	<input type="checkbox"/>	The description in section 3.1 of the MR differs in content or the level of detail from the latest version of the PDD. However, the description in the MR is correct and reflects the situation during the site inspection.	<input type="checkbox"/>	The project description in the PDD/MR is not deemed sufficient. The detailed implementation timeline is as follows: N/A
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<b>Conclusion</b>	<table border="1"> <tr> <td data-bbox="453 1695 523 1751"><input checked="" type="checkbox"/></td><td data-bbox="523 1695 1445 1751">No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.</td></tr> <tr> <td data-bbox="453 1751 523 1852"><input type="checkbox"/></td><td data-bbox="523 1751 1445 1852">The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.</td></tr> <tr> <td colspan="2" data-bbox="453 1852 1445 2031">The plant undertook the normal planned maintenance and some major reparations due to ground contact failures which generate long shutdowns due to the high wind season. Nonetheless all events are considered normal for this kind of plants and it can be confirmed that the project implementation and operation have not been modified from the project at validation stage.</td></tr> </table>	<input checked="" type="checkbox"/>	No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.	<input type="checkbox"/>	The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.	The plant undertook the normal planned maintenance and some major reparations due to ground contact failures which generate long shutdowns due to the high wind season. Nonetheless all events are considered normal for this kind of plants and it can be confirmed that the project implementation and operation have not been modified from the project at validation stage.											
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**E.4. Post-registration changes****E.4.1. Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines**

It has been checked whether Temporary deviations from the registered monitoring plan (TDfrMP) or Temporary deviations from monitoring methodology or standardized baseline (TDfMM) have been applied during this monitoring period. The result is summarized in the table below.

<input checked="" type="checkbox"/>	No Temporary deviations from the registered monitoring plan (TDfrMP) or Temporary deviations from monitoring methodology or standardized baseline (TDfMM) have been submitted to the UNFCCC prior to the current monitoring period.									
<input type="checkbox"/>	The following TDfrMP or TDfMM have been approved or are under approval by the UNFCCC									
	1	<table border="1"> <tr> <td>Title</td> <td></td> </tr> <tr> <td>Status</td> <td><input type="checkbox"/> under approval; <input type="checkbox"/> approved (approval No.: )</td> </tr> <tr> <td>Appr.date</td> <td></td> </tr> <tr> <td>Ref. No.</td> <td></td> </tr> </table>	Title		Status	<input type="checkbox"/> under approval; <input type="checkbox"/> approved (approval No.: )	Appr.date		Ref. No.	
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Title										
Status	<input type="checkbox"/> under approval; <input type="checkbox"/> approved (approval No.: )									
Appr.date										
Ref.No.										
<input type="checkbox"/>	During the verification of the current MP no need for a TDfrMP or TDfMM has been identified. The monitoring plan is in accordance with the approved methodology applied by the PA									
<input type="checkbox"/>	An approval of the following TDfrMP or TDfMM is to be requested from the EB for the current MP as appendix 1 of the project standard does not apply. Please refer to the related PRC report submitted along with this issuance request for further details w.r.t. the assessment of the PRC.									
	1	Issue:								
	2	Issue:								
<input type="checkbox"/>	The following TDfrMP or TDfMM for which appendix 1 of the PS is applicable have been applied:									
	1	Issue:								
	2	Issue:								

**E.4.2. Corrections**

It has been checked whether any corrections to project information or parameters fixed at validation have been approved during this monitoring period or submitted with this monitoring report. The result is summarized in the table below.

<input checked="" type="checkbox"/>	During the verification of the current MP no need for corrections has been identified.			
<input checked="" type="checkbox"/>	The following corrections have been applied:			
	1	<table border="1"> <tr> <td>Issue:</td> <td>Change the project activity name to reflect the proposed change in the installed capacity. Actual name: 30MW Solar PV – Monte Plata Proposed new name: 60MW Solar PV – Monte Plat</td> </tr> </table>	Issue:	Change the project activity name to reflect the proposed change in the installed capacity. Actual name: 30MW Solar PV – Monte Plata Proposed new name: 60MW Solar PV – Monte Plat
Issue:	Change the project activity name to reflect the proposed change in the installed capacity. Actual name: 30MW Solar PV – Monte Plata Proposed new name: 60MW Solar PV – Monte Plat			
	2	Issue:		
	The PDD has been revised accordingly:			

	(New) version No.: version 6 Revision date: 24/07/2018
	It is confirmed that the updated / corrected information is an accurate reflection of the actual project information and that the corrected parameters are in accordance with the applied methodology and the monitoring plan.
	<input checked="" type="checkbox"/> A related post registration change has been submitted prior to the issuance request. The approval has been received on 29/11/2018 via approval number PRC-8530-001.  <input type="checkbox"/> A related post registration change is submitted along with this issuance request. Please refer to the related PRC report submitted along with this issuance request for further details w.r.t. the assessment of the PRC.

**E.4.3. Change to the start date of the crediting period of the project activity**

<input type="checkbox"/>	N/A - as this is not the first verification within the crediting period
<input type="checkbox"/>	The PPs do not intend to change the start date of the crediting period.
<input type="checkbox"/>	As the change in the start date was below the related time period as indicated in PS § 234 and § 235 no prior approval was required but only a notification. This notification has been submitted by the PP without involvement of the DOE. The change and new start date has been checked from the related UNFCCC project webpage.
<input type="checkbox"/>	The PPs intend to change the start date of the crediting period. As the intended change in start date beyond the related time period as indicated in PS § 236 and as per §237 prior approval by the Board is required. For detailed assessment of the change please refer to related PRC validation report. As per assessment in this report the DOE confirms that the change to the start date of the crediting period are in line with the related requirements of the VVS and PS.
<input checked="" type="checkbox"/>	The approval to change the start date of the crediting period has been received on 29/11/2018 via approval number <b>PRC-8530-001</b>

**E.4.4. Inclusion of a monitoring plan**

<input checked="" type="checkbox"/>	N/A - as this monitoring plan was part of the registered PDD
<input type="checkbox"/>	In line with PS § 238 and §78 the PP has forwarded a monitoring plan to the DOE for validation. No prior approval of the monitoring plan was required as the PP in line with PS § 78 wished to submit the monitoring plan together with the request for issuance for the first monitoring period. Please refer to the related PRC report submitted along with this issuance request for further details w.r.t. the assessment of the PRC.
<input type="checkbox"/>	In line with PS § 238 and §78 the PP submitted a monitoring plan prior to the submission of the request for issuance for validation to the DOE. A DOE has assessed the monitoring plan in line with related VVS requirements and submitted a related PRC report for prior approval. The approval has been received on DD/MM/YYYY via approval number PRC-XXXX-00Z.

**E.4.5. Permanent changes from registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other applied standards or tools**

It has been checked whether any permanent changes from the registered monitoring plan (PCfrMP) or applied methodologies (PCfMM) including standardized baselines (PCfSB) have been approved prior or during this monitoring period or submitted with this monitoring report. The result is summarized in the table below.

<input checked="" type="checkbox"/>	No PCfrMP, PCfMM or PCfSB have been submitted to the UNFCCC prior to the current monitoring period		
<input type="checkbox"/>	The following PCfrMP, PCfMM or PCfSB have been approved or are under approval by the UNFCCC		
	1	Title	
		Status	<input type="checkbox"/> under approval; <input type="checkbox"/> approved
		Appr.date	
		Ref. No.	
	2	Title	
		Status	<input type="checkbox"/> under approval; <input type="checkbox"/> approved
		Appr.date	
		Ref.No.	
<input type="checkbox"/>	During the verification of the current MP no need for a PCfrMP, PCfMM or PCfSB has been identified. The monitoring plan is in accordance with the approved methodology applied by the PA		
<input type="checkbox"/>	An approval of the following PCfrMP, PCfMM or PCfSB is to be requested from the EB for the current MP as appendix 1 of the project standard does not apply.		
	1	Issue:	
	2	Issue:	
<input type="checkbox"/>	The following PCfrMP, PCfMM or PCfSB for which appendix 1 of the PS is applicable have been applied:		
	1	Issue:	
	2	Issue:	

#### E.4.6. Changes to the project design

It has been checked whether any changes to the project design (CoPD) have been approved prior or during this monitoring period or submitted with this monitoring report. The result is summarized in the table below.

<input type="checkbox"/>	No CoPD has been submitted to the UNFCCC prior to the current monitoring period		
<input checked="" type="checkbox"/>	The following CoPD have been approved or are under approval by the UNFCCC		
	1	Title	Proposed change in the installed capacity from 30 MW to 60 MW.
		Status	<input type="checkbox"/> under approval; <input checked="" type="checkbox"/> approved
		Appr.date	2018/11/29
		Ref. No.	PRC-8530-001
	2	Title	
		Status	<input type="checkbox"/> under approval; <input type="checkbox"/> approved
		Appr.date	
		Ref.No.	
<input checked="" type="checkbox"/>	During the verification of the current MP no need for a CoPD has been identified. The monitoring plan is in accordance with the approved methodology applied by the PA		
<input type="checkbox"/>	An approval of the following CoPD.is to be requested from the EB for the current MP as appendix 1 of the project standard does not apply.		
	1	Issue:	

	2	Issue:	
<input type="checkbox"/>	The following CoPD for which appendix 1 of the PS is applicable have been applied:		
	1	Issue:	
	2	Issue:	

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

<input checked="" type="checkbox"/>	N/A - as this is no A/R project activity
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**E.5. Compliance of the registered monitoring plan with the methodology including applicable tools and standardized baselines**

<b>Means of verification</b>	By means of comparison of the MR with (i) the applied CDM methodology (ii) all applicable CDM Meth tools and (iii) if applicable, a standardized baseline the verification team has checked whether the MP is in compliance with the MP related requirements of the applied methodology/tools/SB. The following sources of information have been used in this context: <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /ACM02/</li> <li>• /TA/</li> <li>• /unfccc/</li> </ul>			
<b>Findings</b>	<input checked="" type="checkbox"/>	The MP is completely in accordance with the approved methodology applied by the CDM project (last registered/approved version of the PDD)		
	<input checked="" type="checkbox"/>	The breakdown of MP accordance of the referenced tools is as follows:		
		1	Title (of the tool)	Tool to calculate the emission factor for an electricity system
		Version		02.2.1
		MP compliance		<input checked="" type="checkbox"/> full compliance <input type="checkbox"/> findings have been raised <input type="checkbox"/> N/A (for MP)
		2	Title (of the tool)	Tool for the demonstration and assessment of additionality
		Version		6.1
	<input type="checkbox"/>	The breakdown of MP accordance of the applicable SB is as follows:		
		1	Title (of the SB)	Name of SB
		Version		
<input type="checkbox"/>	MP compliance			
	In this context the following CARs, CLs, FARs have been raised:			
<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.		
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.		
	-			

**E.6. Compliance of monitoring activities with the registered monitoring plan****E.6.1. Data and parameters fixed ex ante or at renewal of crediting period**

<b>Means of verification</b>	<p>By means of comparison of the MR and the ER calculation with the latest version of the registered PDD the verification team has checked whether all parameters fixed ex-ante or at renewal of the crediting period have been applied correctly. Further it has been checked whether the GWP for the respective period have been correctly applied.</p> <p>The following list of ex-ante fixed parameters have been applied for the calculation of the EF:</p> <p>EG<sub>m,y</sub> - Net energy delivered to the grid by power unit "m" during year "y"  EF<sub>CO2,i,y</sub> - Emission factor of the fossil fuel type "i"  NCV - The NCV refers to the energy content of these fossil fuels  FC<sub>i,m,y</sub> - Amount of fossil fuel type "i" used in power unit "m" during year "y"  Density of fuels -The density expresses the concentration of mass in a determined volume  EF<sub>CM</sub> - Combined Margin Emission Factor of the Dominican Republic National Grid  EF<sub>OM</sub> - Operating Margin Emission Factor of the Dominican Republic National Grid  EF<sub>BM</sub> - Build Margin Emission Factor of the Dominican Republic National Grid</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /XLS/</li> <li>• /PDD/</li> <li>• /PS/</li> <li>• /VVS/</li> <li>• /unfccc/</li> </ul>						
<b>Findings</b>	<table border="1"> <tr> <td data-bbox="430 1220 518 1310"><input checked="" type="checkbox"/></td><td data-bbox="518 1220 1436 1310">The MR and the ER calculation have considered the parameters fixed ex-ante or at the renewal of the crediting period correctly, no deviations have been observed.</td></tr> <tr> <td data-bbox="430 1310 518 1467"><input type="checkbox"/></td><td data-bbox="518 1310 1436 1467">The following deviations from the parameters fixed ex-ante or at renewal of crediting period have been identified in the course of this verification: - N/A</td></tr> <tr> <td data-bbox="430 1467 518 1534"><input type="checkbox"/></td><td data-bbox="518 1467 1436 1534">In this context the following CARs, CLs, FARs have been raised:</td></tr> </table>	<input checked="" type="checkbox"/>	The MR and the ER calculation have considered the parameters fixed ex-ante or at the renewal of the crediting period correctly, no deviations have been observed.	<input type="checkbox"/>	The following deviations from the parameters fixed ex-ante or at renewal of crediting period have been identified in the course of this verification: - N/A	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:
<input checked="" type="checkbox"/>	The MR and the ER calculation have considered the parameters fixed ex-ante or at the renewal of the crediting period correctly, no deviations have been observed.						
<input type="checkbox"/>	The following deviations from the parameters fixed ex-ante or at renewal of crediting period have been identified in the course of this verification: - N/A						
<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:						
<b>Conclusion</b>	<table border="1"> <tr> <td data-bbox="430 1534 518 1601"><input checked="" type="checkbox"/></td><td data-bbox="518 1534 1436 1601">No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.</td></tr> <tr> <td data-bbox="430 1601 518 1691"><input type="checkbox"/></td><td data-bbox="518 1601 1436 1691">The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.</td></tr> <tr> <td data-bbox="430 1691 518 1787"></td><td data-bbox="518 1691 1436 1787">The only fixed parameter is the grid emission factor EF<sub>grid</sub>. The value is consistent with the registered PDD and applied correctly during this monitoring period for the ER calculation.</td></tr> </table>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.		The only fixed parameter is the grid emission factor EF <sub>grid</sub> . The value is consistent with the registered PDD and applied correctly during this monitoring period for the ER calculation.
<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.						
<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.						
	The only fixed parameter is the grid emission factor EF <sub>grid</sub> . The value is consistent with the registered PDD and applied correctly during this monitoring period for the ER calculation.						

**E.6.2. Data and parameters monitored**

<b>Means of verification</b>	<p>During the verification all relevant monitoring parameters (as listed in chapter B.7.1 of the PDD) have been verified with regard to the</p> <ul style="list-style-type: none"> <li>(i) appropriateness of the applied measurement / determination method,</li> <li>(ii) the correctness of the values applied for ER calculation,</li> <li>(iii) the accuracy, and applied QA/QC measures.</li> </ul> <p>The results as well as the verification procedure are described parameter-wise in the project specific verification checklist (Appendix 5).</p>
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<b>Findings</b>	For details please refer to appendix 5	
<b>Conclusion</b>	<input type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input checked="" type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
	<p><b>CAR 03:</b> <i>The following information shall be corrected in the updated MR: Section D.2.: Information regarding the measurement equipment such as class, type, model, serial number and manufacturer is missing.</i></p> <p><b>CAR 04:</b> <i>The net energy data of all months does not correspond to the data observed during on site visit.</i></p> <p>After corrections were done, it can be concluded that: The Meter information is in line with manufacturer data sheet, The mentioned national requirement in the MR (Calibration at least once every 2 years) is in line with actual applicable regulation to the project in the Dominican Republic.</p> <p>Information of energy data in MR now is consistent with the data in the ER spread sheet. Also the electricity data from the sales receipts versus the Monthly report (Electronic JRC measurement report) does not show any discrepancies.</p> <p>it can be confirmed that all monitoring parameters have been measured / determined without material misstatements and in line with the registered PDD, all applicable standards and relevant requirements.</p>	

### E.6.3. Implementation of sampling plan

<b>Means of verification</b>	<p>The verification team has been checked whether the PPs have applied a sampling approach to determine the monitored values. Further it has been checked whether the PPs have correctly applied the implemented sampling plan including</p> <ul style="list-style-type: none"> <li>(i) description of the implemented sampling design</li> <li>(ii) collected data</li> <li>(iii) analysis of collected data</li> <li>(iv) demonstration on whether the required confidence/precision has been met.</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /XLS/</li> <li>• /PDD/.</li> </ul>			
<b>Findings</b>	<input checked="" type="checkbox"/>	The PPs have not applied sampling approaches for the parameters monitored.		
	<input type="checkbox"/>	The PPs have applied sampling approaches for the following parameters monitored.		
		1	Parameter:	
			Name:	
			Description on how the sampling efforts and survey comply with the validated sampling plan:	
		2	Parameter:	
		Name:		
		Description on how the sampling efforts and survey comply with the validated sampling plan:		
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:		



<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.

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

<b>Means of verification</b>		<p>During the verification the relevant monitoring equipment has been checked whether the calibration requirements have been met; especially if the calibration frequency is in line with the requirements of the validated PDD and/or the applicable calibration standards.</p> <p>The results as well as the verification procedure are described equipment-wise in the project specific verification checklist (Appendix 6).</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /XLS/</li> <li>• /CAL/.</li> </ul>
<b>Findings</b>	<input checked="" type="checkbox"/>	Based on the details listed in appendix 6 the verification team can confirm that all installed monitoring equipment has been duly calibrated for this entire monitoring period.
	<input type="checkbox"/>	<p>Based on the assessment and information as per appendix 6 delay(s) in calibration have been identified. The PP has applied the maximum permissible error of the instrument to the measured values taken during the period between the scheduled date of calibration and the actual date of calibration.</p> <p>From the related calibration certificates and emission reduction calculation the verification team confirms that the maximum permissible error has been applied in a conservative manner so that the adjusted measured values due to the delayed calibration result in fewer claimed emission reductions.</p> <p>For details please refer to appendix 6</p>
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:
<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
		<p>The energy data used for the ER calculation is considered correct.</p> <p>Calibration is traceable and in full compliance with the registered monitoring plan.</p>

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

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

<b>Means of verification</b>	<p>During the verification the calculation of baseline GHG emissions has been checked. In detail the following has been verified:</p> <ul style="list-style-type: none"> <li>• <i>Transparency:</i> It has been checked whether the calculation of baseline emissions is fully traceable and, where used, the Excel calculation provides all calculation formulae.</li> <li>• <i>Parameter consistency:</i> It has been checked whether all internal and external parameters and data used for the calculation are applied consistently in the monitoring report and the calculation spreadsheet.</li> <li>• <i>Correctness:</i> It has been checked whether the applied formulae and methods for calculating baseline emissions are in accordance with the monitoring plan and the approved methodology.</li> <li>• <i>Completeness:</i> It has been checked whether all calculations are complete and without omissions.</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /XLS/</li> </ul>
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<b>Findings</b>	<input checked="" type="checkbox"/>	<p>The calculation of the baseline emissions was found to be fully compliant with the above stated principles.</p> <p>The calculations of baseline GHG emissions or baseline net GHG removals have been carried out in accordance with the formulae and methods described in the registered monitoring plan, the applied methodology and, where applicable, the applied standardized baseline. Any assumptions used in emission or removal calculations have been justified. Appropriate emission factors, IPCC default values, GWPs and other reference values have been correctly applied.</p> <p>No errors, miscalculations, omissions, misstatements or incomplete information has been identified.</p>
	<input type="checkbox"/>	The verification team has identified mistakes in the baseline emissions calculation or the underlying calculation approaches.
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:
<b>Conclusion</b>	<input type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input checked="" type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
		<p><b>CAR 05:</b> The following information shall be corrected in the updated PDD:</p> <ol style="list-style-type: none"> <li>Section E.1: detailed calculation of the EF is not necessary as the EF was calculated ex-ante in the registered PDD.</li> <li>Information regarding monthly energy generation, total amount of energy generated in the monitoring period and substitution of actual values in the formula to calculate BE are missing.</li> </ol> <p>Where corrections were required a revised baseline emissions calculation was prepared by the PPs and presented to the verification team. All raised issues were addressed appropriately so that it can be confirmed that the baseline calculation is overall correct.</p>

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

<b>Means of verification</b>		<p>During the verification the calculation of project GHG emissions has been checked. In detail the following has been verified:</p> <ul style="list-style-type: none"> <li>Transparency: It has been checked whether the calculation of project emissions is fully traceable and, where used, the Excel calculation provides all calculation formulae.</li> <li>Parameter consistency: It has been checked whether all internal and external parameters and data used for the calculation are applied consistently in the monitoring report and the calculation spreadsheet.</li> <li>Correctness: It has been checked whether the applied formulae and methods for calculating project emissions are in accordance with the monitoring plan and the approved methodology.</li> <li>Completeness: It has been checked whether all calculations are complete and without omissions.</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>/MR/</li> <li>/XLS/</li> <li>/SCADA/</li> <li>/PDD/</li> </ul>
<b>Findings</b>	<input checked="" type="checkbox"/>	<p>As per revised PDD the project doesn't consider any project emissions</p> <p>The consideration of project GHG emissions equals zero have been carried out in accordance with the formulae and methods described in the registered monitoring plan, the applied methodology and, where applicable.</p> <p>No errors, miscalculations, omissions, misstatements or incomplete information have been identified.</p>
	<input type="checkbox"/>	The verification team has identified mistakes in the project emissions calculation or the underlying calculation approaches.
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:

<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.

**E.8.3. Calculation of leakage GHG emissions**

<b>Means of verification</b>	<p>During the verification it has been checked whether leakage emissions have to be considered and, in cases where leakage emissions have to be calculated, the respective calculation of leakage GHG emissions has been checked. In such cases the same verification principles have been considered as for the baseline and project emissions calculation. Please refer to E.8.1 and E.8.2.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /XLS/.</li> </ul>	
<b>Findings</b>	<input checked="" type="checkbox"/>	No leakage emissions were to be considered (LE = 0).
	<input type="checkbox"/>	<p>The calculation of the leakage emissions was found to be fully compliant with the above stated principles (see 8.1 and 8.2).</p> <p>The calculations of leakage GHG emissions have been carried out in accordance with the formulae and methods described in the registered monitoring plan, the applied methodology and, where applicable, the applied standardized baseline. Any assumptions used in leakage emissions calculations have been justified. Where applicable, appropriate emission factors, IPCC default values, GWPs and other reference values have been correctly applied.</p> <p>No errors, miscalculations, omissions, misstatements or incomplete information have been identified.</p>
	<input type="checkbox"/>	The verification team has identified mistakes in the project emissions calculation or the underlying calculation approaches.
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:
<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.

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

<b>Means of verification</b>	<p>The verification team has checked if the MR includes a summary table of the emission reductions calculation specifying separately</p> <ul style="list-style-type: none"> <li>- Total baseline emissions,</li> <li>- Total project emissions,</li> <li>- Total leakage,</li> <li>- Total emission reductions.</li> </ul> <p>It has been assessed whether the values are correct or need to be revised as a consequence of issues identified above.</p>	
<b>Findings</b>	<input checked="" type="checkbox"/>	Section E.4 of the MR includes in a summary table of the emission reductions calculation.
	<input checked="" type="checkbox"/>	The summary table specified the total baseline, project and leakage emissions as well as the total emission reductions separately.
	<input checked="" type="checkbox"/>	The values as specified in the ER summary table are correct; no issues have been identified during the verification which requires changes in the ER calculation.
	<input type="checkbox"/>	During the verification issues with impact on the ER calculation have been identified.
		In this context the following CARs, CLs, FARs have been raised:

	<input type="checkbox"/>	
<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
		It is concluded that the GHG emission reductions are calculated correctly and in line the registered PDD and applicable methodology and tool

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

<b>Means of verification</b>	The verification team has checked if the MR includes a comparison of actual values of the monitoring period with the estimations in the registered PDD. It has further checked which of the below listed cases is applicable for the calculated ER of the current monitoring period.	
<b>Findings</b>	<input checked="" type="checkbox"/>	Case 1: The ex-ante estimated value was found to be proportionally higher than the ex-post determined value. No further action is deemed required.
	<input type="checkbox"/>	Case 2: The ex-ante estimated value fits very good to the actually monitored value. No further justification is deemed required.
	<input type="checkbox"/>	Case 3: The ex-ante estimated value was found to be proportionally lower than the ex-post determined value.
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:
<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
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#### E.8.6. Remarks on difference from estimated value in registered PDD

<b>Means of verification</b>	On the basis of the above comparison of actual values of the monitoring period with the estimations in the registered PDD the verification team has checked whether (in case 3) an appropriate explanation is included in the MR.	
<b>Findings</b>	<input checked="" type="checkbox"/>	No further justification or explanation is deemed required as actual emissions of this MP do not exceed significantly the ex-ante calculated emission reductions (applicable for case 1 and 2).
	<input type="checkbox"/>	For case 3: The PP has provided a related justification in the MR. The reasons for the increase are as follows: - N/A
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised:
<b>Conclusion</b>	<input checked="" type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.

#### E.8.7. Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

<b>Means of verification</b>	The verification team has checked chapter E.7 of the MR and the emission reduction calculation sheet /XLS/.	
<b>Findings</b>	<input type="checkbox"/>	The MR in section E.7 includes a summary table of the ER breakdown
		a) ER up to 2012-12-31 and
		b) ER from 2013-01-01 onwards

	<input checked="" type="checkbox"/> The breakdown of the ERs during the first commitment period and from 2013-01-01 onwards is as follows: <input type="checkbox"/> The ER have completely been generated during the first commitment period <input checked="" type="checkbox"/> The ERs have completely been generated from 2013-01-01 onwards, <input type="checkbox"/> The ERs have partly been generated during the first commitment period and partly from 2013-01-01 onwards. <input checked="" type="checkbox"/> The breakdown of the ERs is correct, considering the applicable guidance.							
	<table border="1"> <thead> <tr> <th></th> <th>until 2012-12-31 <sup>1)</sup></th> <th>from 2013-01-01 <sup>1)</sup></th> <th>Sum</th> </tr> </thead> <tbody> <tr> <td>Emission reductions [tCO<sub>2e</sub>]</td> <td>0</td> <td>15,209</td> <td>15,209</td> </tr> </tbody> </table> <p><sup>1)</sup> Both days included</p>		until 2012-12-31 <sup>1)</sup>	from 2013-01-01 <sup>1)</sup>	Sum	Emission reductions [tCO <sub>2e</sub> ]	0	15,209
	until 2012-12-31 <sup>1)</sup>	from 2013-01-01 <sup>1)</sup>	Sum					
Emission reductions [tCO <sub>2e</sub> ]	0	15,209	15,209					
<b>Conclusion</b>	<input checked="" type="checkbox"/> No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.							
	<input checked="" type="checkbox"/> The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.							
	<p>The data provided in the MR is correct as well as the related breakdown. The pro-rata approach was correctly applied to the calculations of GHG emission reductions or net anthropogenic GHG removals in accordance with the project standard, as the monitoring period starts after 31 December 2012 and ends anytime thereafter.</p>							

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

<b>Means of verification</b>	<input checked="" type="checkbox"/> N/A – as the PP has not monitored the sustainable development co-benefits of the registered CDM project activity or not requested the DOE to verify them.
	<input type="checkbox"/> The project participants have monitored the sustainable development co-benefits of the registered CDM project activity, and requested the DOE to verify them. The following sources of information have been used in this context: <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /PDD/</li> <li>• /DSD/</li> <li>• /unfccc/.</li> </ul>
<b>Findings</b>	<input checked="" type="checkbox"/> N/A – as the PP has not monitored the sustainable development co-benefits of the registered CDM project activity or not requested the DOE to verify them.
	<input type="checkbox"/> Therefore, the DOE has assessed and confirms that: (a) The monitoring has been carried out in accordance with the document for monitoring sustainable development co-benefits, if such document was developed and published on the UNFCCC CDM website in accordance with the “CDM project standard for project activities”; (b) The reported monitoring results correspond to the sustainable development co-benefits of the project activity as observed by the DOE.
	<input type="checkbox"/> In this context the following CARs, CLs, FARs have been raised:
<b>Conclusion</b>	<input type="checkbox"/> No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.
	<input type="checkbox"/> The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.
	<input checked="" type="checkbox"/> N/A – as the PP has not monitored the sustainable development co-benefits of the registered CDM project activity or not requested the DOE to verify them.

## E.10. Global stakeholder consultation

<b>Means of verification</b>	<p>In accordance with the PCP the DOE has submitted the initial version of the monitoring report provided by the PP for this monitoring period to be published on the UNFCCC webpage.</p> <p>The monitoring report has been published for the period</p> <p>DD/MM/20YY- to DD/MM/20YY.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MR/</li> <li>• /unfccc/.</li> </ul>		
<b>Findings</b>	<input checked="" type="checkbox"/>	No comments have been received on the published monitoring report for this monitoring period.	
	<input type="checkbox"/>	Comments have been received and the DOE has concluded that comments are related to issues outside the CDM rules and requirements. Please refer to the list provided under Conclusion of this Section below for related information.	
	<input type="checkbox"/>	<p>Comments have been received.</p> <p>The DOE has</p> <ul style="list-style-type: none"> <li>- requested further information from the submitters of the comments</li> <li>- informed the project participants of the comments received, and requested their feedback within a specified timeframe,</li> <li>- considered the input received and has assessed whether such comments are relevant to the CDM project activity,</li> <li>- acknowledged receipt of all submitted comments on the MR of the proposed CDM project activity,</li> <li>- assessed whether the comments are related to the CDM rules and requirements (if so related findings have been raised as per below),</li> <li>- used all possible means to determine the authenticity of the name and contact details of the individual or organization on whose behalf the comments have been submitted,</li> <li>- contacted the secretariat to make them publicly available (if only addressed to the DOE),</li> <li>- determined whether authentic and relevant comments in the global stakeholder consultation were taken into due account in the PDD of the proposed CDM project activity.</li> </ul>	
	<input type="checkbox"/>	In this context the following CARs, CLs, FARs have been raised, i.e. as the DOE concludes that the comments are related to the CDM rules and requirements:	
<b>Conclusion</b>	<input type="checkbox"/>	No CARs/CLs/FARs have been raised in this context. No correction was required. The project is in line with the respective requirements.	
	<input type="checkbox"/>	The raised CARs/CLs/FARs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 4.	
	<input checked="" type="checkbox"/>	N/A – as the PP has not monitored the sustainable development co-benefits of the registered CDM project activity or not requested the DOE to verify them.	
	As the DOE has concluded that comments are related to issues outside the CDM rules and requirements the comments and information gathered are listed as follows:		
	<b>Nbr.</b>	<b>Original comment received</b>	<b>Feedback by the PP</b>
	1		
	2		
	3		
	4		

**SECTION F. Internal quality control**

Before the submission of the final verification report a technical review of the whole verification procedure was carried out. The technical reviewers are competent GHG auditors being appointed for the scope this project falls under. The technical reviewers are 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 verification opinion and the topic specific assessments as prepared by the verification team leader may have been confirmed or revised. Furthermore reporting improvements might have been achieved.

After the successful technical review an overall (esp. procedural) assessment of the complete verification has been carried out by a senior assessor located in the accredited premises of TÜV NORD.

After this step the submission for requesting for issuance is conducted.

**SECTION G. Verification opinion**

Foundation myclimate – The Climate Protection Partnership has commissioned the TÜV NORD JI/CDM Certification Program to carry out the 1<sup>st</sup> periodic verification of the project: “60MW Solar PV - Monte Plata”, with regard to the relevant requirements for CDM project activities. The project reduces GHG emissions due to the generation of solar energy feed into the national grid which displaces energy from fossil fuels. This verification covers the period from 31/05/2015 to 31/12/2016 (including both days).

As a result of this verification, the verifier confirms that:

- all operations of the project are implemented and installed as planned and described in the validated project design document,
- the monitoring plan is in accordance with the applied approved CDM methodology,
- the installed equipment essential for measuring parameters required for calculating emission reductions are calibrated appropriately,
- the monitoring system is in place and functional. The project has generated GHG emission reductions,
- the GHG emission reductions are calculated without material misstatements in a conservative and appropriate manner.

TÜV NORD JI/CDM CP further confirms that the project has achieved emission reductions in the above mentioned reporting period as stated on the title page.

**SECTION H. Certification statement**

As a duly accredited DOE, TÜV NORD CERT confirms that the project:

“60MW Solar PV - Monte Plata”

registered under

UNFCCC-No. : 8530

has achieved emission reductions in accordance with all applicable requirements for registered CDM project activities during the current monitoring period

MP-No.: 1<sup>st</sup>  
from: 31/05/2015  
to: 31/12/2016

(including both days) as follows:

Queretaro, 09.07.2019



Oliver Quireza  
Team leader



## Appendix 1. Abbreviations

Abbreviations	Full texts
CLZ	Corrective Action / Clarification Action
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CO <sub>2</sub>	Carbon dioxide
CO <sub>2eq</sub>	Carbon dioxide equivalent
CL	Clarification Request
DVerR	Draft Verification Report
ER	Emission Reduction
ERPA	Emission Reduction Purchase Agreement
FAR	Forward Action Request
GHG	Greenhouse gas(es)
IM	Interview Memo
MP	Monitoring Plan
MR	Monitoring Report
OC	Coordinating Organism of the National Interconnected Electricity System of the Dominican Republic ( <i>“Organismo Coordinador del Sistema Electrico Nacional Interconectado de la Republica Dominicana”</i> )
PA	Project Activity
PDD	Project Design Document
PP	Project Participant
QA/QC	Quality Assurance / Quality Control
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard
VT	Verification Team
WEC	Wind Energy Converter
XLS	Emission Reduction Calculation Spread Sheet

## Appendix 2. Competence of team members and technical reviewers



### Statement of Competence

Appointment and authorization according to the procedures of the TÜV NORD JICDM Certification Program

**Mr. Oliver Quireza Campos**

SCHEME	STATUS	VALID UNTIL
CDM	Lead Assessor (Validation, Verification)	2018-05-28
VCS / ISO 14064-2	Lead Assessor	2018-05-28

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.1	Thermal energy generation
1.2	Renewables
13.1	Solid waste and wastewater
13.2	Manure

337 - Rev. 4, Date: 2015-07-07

801-VA060-F20.doc

801-VA060-F20 rev3 / 2010-10-05

082-801-VA060-F20\_2015\_07\_10\_1017.doc

801-VA060-F20 rev3 / 2010-10-05



### Statement of Competence

Appointment and authorization according to the procedures of the TÜV NORD JICDM Certification Program

**Mr. Kunal Rami**

SCHEME	STATUS	VALID UNTIL
CDM	Senior Assessor (Validation, Verification) Technical Reviewer	2020-03-26
VCS / ISO 14064-2	Senior Assessor Technical Reviewer	2020-03-26

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.2	Renewables
2.1	Energy distribution
3.1	Energy demand
6.1	Construction
7.1	Transport
13.1	Solid waste and wastewater

224 - Rev. 8, Date: 2018-08-31

224\_801-VA060-F20\_2018-08-31\_rev8.doc

801-VA060-F20 rev8 / 2013-10-28

## Appendix 3. Documents reviewed or referenced

No	Author	Reference	Title	References to the document	Provider
1	UNFCCC	<b>/ACM0002/</b>	Consolidated baseline methodology for grid-connected electricity generation from renewable sources	<a href="http://cdm.unfccc.int/methodologies/DB/EY2CL7RTEHRC9V6YQHLAR6MJ6VEU83">http://cdm.unfccc.int/methodologies/DB/EY2CL7RTEHRC9V6YQHLAR6MJ6VEU83</a>	Other
2	DOE	<b>/CPM/</b>	TÜV NORD JI / CDM CP Manual (incl. CP procedures and forms)		Other
3	PP	<b>/DSD/</b>	Documents for monitoring sustainable development co-benefits		Other
4	UNFCCC	<b>/GOT/</b>	Glossary "CDM terms" (version 09.1)	<a href="https://cdm.unfccc.int/filestorage/e/x/t/extfile-20170831165430180-Glos_CDMv9_1.pdf/Glos_CDMv9_1.pdf?t=THR8cDB1cjhjfDA3nY9J2NxQKB7POsLRQrM-">https://cdm.unfccc.int/filestorage/e/x/t/extfile-20170831165430180-Glos_CDMv9_1.pdf/Glos_CDMv9_1.pdf?t=THR8cDB1cjhjfDA3nY9J2NxQKB7POsLRQrM-</a>	Other
5	IPCC	<b>/IPCC/</b>	1. 1996 IPCC Guidelines for National Greenhouse Gas Inventories: work book 2. 2006 IPCC Guidelines for National Greenhouse Gas Inventories: work book	<a href="http://www.ipcc-nggip.iges.or.jp">www.ipcc-nggip.iges.or.jp</a>	Other
6	UNFCCC	<b>/KPI/</b>	Kyoto Protocol (1997)	<a href="http://unfccc.int/kyoto_protocol/items/2830.php">http://unfccc.int/kyoto_protocol/items/2830.php</a>	Other
7	UNFCCC	<b>/MA/</b>	Decision 3/CMP. 1 (Marrakesh – Accords)	<a href="http://cdm.unfccc.int/Reference/COPMOP/index.html">http://cdm.unfccc.int/Reference/COPMOP/index.html</a>	Other
8	PP	<b>/MR/</b>	Monitoring Report – 60MW Solar PV - Monte Plata Project, versions: -version 1, 22/05/2017 -version 2.0, 07/12/2018 -version 2.1, 10/12/2018 -version 3.0, 04/01/2019 -version 4.0, 21/02/2019		Other
10	UNFCCC	<b>/MRT/</b>	Monitoring Report Form (CDM-MR-FORM), Version 6.0	<a href="https://cdm.unfccc.int/Reference/PDDs_Forms/index.html">https://cdm.unfccc.int/Reference/PDDs_Forms/index.html</a>	Other
11	UNFCCC	<b>/PDD/</b>	Revised Project Design Document for CDM project: "60MW Solar PV - Monte Plata" version 6, dated 2018-07-24		Other
12	UNFCCC	<b>/PS/</b>	CDM Project Standard (Version 1.0)	<a href="http://cdm.unfccc.int/Reference/">http://cdm.unfccc.int/Reference/</a>	Other

No .	Author	Reference	Title			References to the document	Provider
						<a href="#">Standards/index.html</a>	
13	UNFCCC	<b>/SAMPLE/</b>	“Guidelines for Sampling and Surveys for CDM Project Activities and Programme Activities” (Version 04.0) “Standard for Sampling and Surveys for CDM Project Activities and Programme Activities” (version 7.0)			<a href="https://cdm.unfccc.int/Reference/Guidclarif/index.html">https://cdm.unfccc.int/Reference/Guidclarif/index.html</a>  <a href="http://cdm.unfccc.int/Reference/Standards/index.html">http://cdm.unfccc.int/Reference/Standards/index.html</a>	Other
14	UNFCCC	<b>/TOOL/</b>	Rel.	Name	Ver.	<a href="http://cdm.unfccc.int/Reference/tools/index.html">http://cdm.unfccc.int/Reference/tools/index.html</a>	Other
			<input type="checkbox"/>	Tool to calculate project or leakage CO <sub>2</sub> emissions from fossil fuel combustion	1		
			<input type="checkbox"/>	Emissions from solid waste disposal sites	7		
			<input type="checkbox"/>	Tool to calculate baseline, project and/or leakage emissions from electricity consumption	1		
			<input type="checkbox"/>	Project emissions from flaring Version	2.0.0		
			<input checked="" type="checkbox"/>	Tool to calculate the emission factor for an electricity system	2.2.1		
			<input type="checkbox"/>	Tool to determine the mass flow of a greenhouse gas in a gaseous stream	2.0.0		
			<input type="checkbox"/>	Tool to determine the baseline efficiency of thermal or electric energy generation systems	1		
			<input type="checkbox"/>	Tool to determine the remaining lifetime of equipment	1		
			<input type="checkbox"/>	Project and leakage emissions from transportation of freight	1.1.0		
			<input type="checkbox"/>	Project and leakage emissions from composting	1		
			<input type="checkbox"/>	Project and leakage emissions from anaerobic digesters	1		
			<input type="checkbox"/>	Upstream leakage emissions associated with fossil fuel use	2.0		
			<input type="checkbox"/>	Project and leakage emissions from biomass	2		
			<input type="checkbox"/>	Leakage in biomass small-scale project activities	4.0		
15	PP	<b>/VAL/</b>	-Validation Report for CDM project “30MW Solar PV - Monte Plata”, submitted by RINA, version 1.4 dated 2012-11-26 -Validation opinion for project “30MW Solar PV - Monte Plata”, by TNC, 28/07/2018, version 1.				Other

No	Author	Reference	Title	References to the document	Provider
.			-PRC Approval: PRC-8530-001 by UNFCCC, from 29/11/2018		
17	UNFCCC	<b>/VVS/</b>	CDM Validation and Verification Standard (Version 02.0)	<a href="http://cdm.unfccc.int/Reference/Standards/index.html">http://cdm.unfccc.int/Reference/Standards/index.html</a>	Other
28	PP	<b>/SCADA/</b>	Screenshots of the different SCADA system functions including daily and monthly Energy generation including start day of measurement		PP
33	Schneider Electric	<b>/METER/</b>	<ul style="list-style-type: none"> <li>Technical Data sheet ION 8650 by Schneider, June 2011</li> </ul>		DOE
34	OC	<b>/START/</b>	<ol style="list-style-type: none"> <li>Certificate of fulfilment of Connection Code Num. OC-000980 dated on 2016/08/12.</li> <li>Certificate of start of Commercial Operation (expected start date 20/08/2016) Num. OC-000997 dated on 2016/08/15.</li> </ol>		PP
16	GES HUAWEI Janitza	<b>/TECH/</b>	<ol style="list-style-type: none"> <li>Technical Data of the PV Module with Multi cell by GES</li> <li>Technical Data of String Inverter (SUN2000-33KTL) <ul style="list-style-type: none"> <li>Power Analyser UMG 604 / UMG 605 by Janitza.</li> </ul> </li> </ol>		PP
17	PP	<b>/PRO/</b>	<ol style="list-style-type: none"> <li>Procedure to collect data from commercial meters code ADM-001 by Soventix, version 01, 2016/08/23.</li> <li>Procedure to create acces to energy meters code ADM-002 by Soventix, version 01, 2016/08/23.</li> <li>O&amp;M Manual by Soventix, Rev. 2017/04/04.</li> </ol> <p>Master List of Procedures version 01, 2017/03/29.</p>		PP
18	OC	<b>/CC/</b>	Calibration certificate issued by OC on 2016/06/15 (ID connection point: 1445-WMPS0F-T01).		PP
19	PP / OC	<b>/DATA/</b>	<ol style="list-style-type: none"> <li>Raw data downloaded directly from the meters (load profile).</li> <li>Monthly Measures Reports per Meter by PP (Monitoring data Control)-“ <i>Electronic JRC Measurement Report</i>”</li> </ol>		PP

No	Author	Reference	Title	References to the document	Provider
			3. Monthly Economic transactions and its Report by OC.		
20	PP	/INVOICE/	Monthly invoices issued by the Electronic JRC covering the monitoring period		PP
21	MIMARENA	/EL/	<p>1. Environmental License Num. 0187-11 given by MIMARENA to Electronic J.R.C., S.R.L. for the project Monte Plata Energia Solar 30MW dated on 2011/03/29 Valid for 5 years (valid till 2016/03/28)</p> <p>2. Modified Environmental License Num. 0187-11 given by MIMARENA to Electronic J.R.C., S.R.L. for the project Monte Plata Energia Solar from 30MW to 59.8 MW dated on 2013/07/17 Valid for 3 years (valid till 2016/07/16)Renewed</p> <p>Environmental License Num. 0187-11 given by MIMARENA to Electronic J.R.C., S.R.L. for the project Monte Plata Energia Solar from 60 MW MW dated on 2016/01/20 Valid for 5 years (valid till 2021/01/19)</p>		PP
22	PP	/LAY OUT/	<p>1. Lay out of the project activity issued by Electronic JRC SRL, version 1, 2015/11/20.</p> <p>2. Localization Lay Out of the project activity by Electronic JRC SRL, version 1, 2015/11/20.</p> <ul style="list-style-type: none"> <li>• Cadastral Lay out showing the project coordinates by Electronic JRC SRL, version 1, 2015/11/20</li> </ul>		PP
23	PP	/XLS/	ER Calculation Spread Sheet versions: Ver 1 from 22/05/2017 Ver 2 from 07/07/2017		PP
25	Governm ent	/LAW/	<ul style="list-style-type: none"> <li>• General Electricity No. Law 125-01 and its Regulation, 2012.</li> </ul>		PP
26	OC	/Uni/	<p>1. Single line diagram including cells and metering equipment by OC, version 03, 2017/05/31.</p> <ul style="list-style-type: none"> <li>• Diagram Measurement System, issued by ENNOVA, December 2015</li> </ul>	<a href="http://www.oc.org.do/SENI/Seni/DiagramaUnifilar.aspx">http://www.oc.org.do/SENI/Seni/DiagramaUnifilar.aspx</a>	PP

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

Table 3. Remaining FAR from validation and/or previous verifications

N/A

Table 4. CL from this verification

N/A

Table 5. CAR from this verification

<b>CAR ID</b>	01	<b>Section no.</b>	A	<b>Date:</b> 2017/07/06
<b>Description of CAR</b>				
The following information shall be corrected in the updated PDD:				
<ol style="list-style-type: none"> <li>1. Front page: Monitoring period shall be updated according to approved PRC. Please check also A.5.</li> <li>2. Front page: GHG reported up to 31/Dec/2012 shall be reported as "0".</li> <li>3. Section A.1: Please use the same base to describe the total installed capacity to avoid misunderstandings.</li> <li>4. Section A.4: The version of the applied methodology and tools are incorrect.</li> <li>5. Please erase last attachment related to instructions for filling out the MR</li> </ol>				
<b>Project participant response (1<sup>st</sup> round)</b>				
<i>The corrections were done in each of the point requested.</i>				
<b>Documentation provided by project participant (1<sup>st</sup> round)</b>				<b>Date:</b>
MR version 2				
<b>DOE assessment (1<sup>st</sup> round)</b>				<b>Date:</b>
<i>Corrections were done in the MR. Information is now accurate.</i>				
<b>Conclusion</b> <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		

<b>CAR ID</b>	02	<b>Section no.</b>	B	<b>Date:</b> 2017/07/06
<b>Description of CAR</b>				
<i>The following information shall be corrected in the updated PDD:</i>				
<ol style="list-style-type: none"> <li>1. <i>Section B.1. information regarding the actual status of the project activity such as the status of implementation of the actual phase, the status of the capacity addition, estimated timelines, etc. is missing.</i></li> <li>2. <i>Section B.2: information regarding approved PRC such as Correction (B.2.2) and Changes to the start date of crediting period (B.2.3) is missing.</i></li> <li>3. <i>Section B.2.5: information regarding updated tools is incorrect. Furthermore short and concise information regarding the approved PRC shall be included.</i></li> </ol>				
<b>Project participant response (1<sup>st</sup> round)</b>				
<ol style="list-style-type: none"> <li>1. <i>Information concerning the current status of the project is included in section B.1</i></li> <li>2. <i>Sections B.2.2 and B.2.3 were completed with the new information of the project.</i></li> <li>3. <i>Information included in the PRC is described in the section B.2</i></li> </ol>				

<b>Documentation provided by project participant (1<sup>st</sup> round)</b>		<b>Date:</b> 29/07/2017
MR version 2		
<b>DOE assessment (1<sup>st</sup> round)</b>		<b>Date:</b> 22/01/2019
Information in section B has been improved, nonetheless the following information is missing: <ul style="list-style-type: none"> <li>- Current status of the project regarding the 2 phases implementation</li> <li>- Line diagrams showing all relevant monitoring points</li> <li>- Section is not updated as per current situation (wording has to be changed)</li> </ul>		
<b>Project participant response (2<sup>nd</sup> round)</b>		
In section B of the Monitoring Report is included information about <ul style="list-style-type: none"> <li>- Current status of the power plant and phase 2.</li> <li>- Diagrams have been included in section B and C</li> <li>- Wording has been updated with the current situation.</li> </ul>		
<b>Documentation provided by project participant (2<sup>nd</sup> round)</b>		<b>Date:</b> 25/01/2019
MR version 4		
<b>DOE assessment (2<sup>nd</sup> round)</b>		<b>Date:</b> 31/01/2019
The current implementation status has been described in line with the actual situation of the project observed during the site visit. Line diagram has been included in section C (Figure 3) and it is in line with the technical information of the equipment.		
<b>Conclusion</b> Tick the appropriate checkbox	<input type="checkbox"/> Additional action should be taken (finding remains open) <input checked="" type="checkbox"/> The finding is closed	

<b>CAR ID</b>	03	<b>Section no.</b>	D	<b>Date:</b> 2017/07/06
<b>Description of CAR</b>				
The following information shall be corrected in the updated MR:  Section D.2.: Information regarding the measurement equipment such as class, type, model, serial number and manufacturer is missing.				
<b>Project participant response (1<sup>st</sup> round)</b>				
Information of the measurement equipment was included in parameter $EG_{facility,y}$				
<b>Documentation provided by project participant (1<sup>st</sup> round)</b>				<b>Date:</b> 29/07/2017
MR version 2				
<b>DOE assessment (1<sup>st</sup> round)</b>				<b>Date:</b> 22/01/2019
Information about the measurement equipment was included in section D.2 of the MR. Nonetheless information regarding the national requirement is missing in section QA/AC				
<b>Project participant response (2<sup>nd</sup> round)</b>				
Information about national requirement of the measurement equipment is included in section QA/AC for parameter $EG_{facility,y}$				
<b>Documentation provided by project participant ((2<sup>nd</sup> round)</b>				<b>Date:</b> 25/01/2019
MR version 42				
<b>DOE assessment (2<sup>nd</sup> round)</b>				<b>Date:</b> 31/01/2019
The mentioned national requirement in the MR (Calibration at least once every 2 years) is in line with actual applicable regulation to the project in the Dominican Republic.				
<b>Conclusion</b> Tick the appropriate checkbox	<input type="checkbox"/> Additional action should be taken (finding remains open) <input checked="" type="checkbox"/> The finding is closed			

<b>CAR ID</b>	04	<b>Section no.</b>	D.2	<b>Date:</b> 2017/07/06
<b>Description of CAR</b>				
The net energy data of all months in MR does not correspond to the data observed during on site visit in ER spread sheet.				



<b>Project participant response (1<sup>st</sup> round)</b>	
<i>The net energy data was corrected and now match between the excel of emission reduction and the information of the monitoring system.</i>	
<b>Documentation provided by project participant (1<sup>st</sup> round)</b>	<b>Date:</b> 29/07/2016
MR version 2	
<b>DOE assessment (1<sup>st</sup> round)</b>	<b>Date:</b> 29/07/2016
Information of energy data in MR now is consistent with the data in the ER spread sheet. Also the electricity data from the sales receipts versus the Monthly report ( Electronic JRC measurements report) does not show any discrepancies.	
<b>Conclusion</b> <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

<b>CAR ID</b>	05	<b>Section no.</b>	E	<b>Date:</b> 2017/07/06
<b>Description of CAR</b>				
The following information shall be corrected in the updated PDD:				
<ol style="list-style-type: none"> <li>1. Section E.1: detailed calculation of the EF is not necessary as the EF was calculated ex-ante in the registered PDD.</li> <li>2. Information regarding monthly energy generation, total amount of energy generated in the monitoring period and substitution of actual values in the formula to calculate BE are missing.</li> </ol>				
<b>Project participant response (1<sup>st</sup> round)</b>				
<ol style="list-style-type: none"> <li>1. <i>Information of EF calculated ex-ante is included in the MR.</i></li> <li>2. <i>The monthly generation of energy and the substitution of actual values in the formula are included are included in section E.1</i></li> </ol>				
<b>Documentation provided by project participant (1<sup>st</sup> round)</b>				<b>Date:</b> 29/07/2017
MR version 2				
<b>DOE assessment (1<sup>st</sup> round)</b>				<b>Date:</b> 22/01/2019
Required information was included in the new version of the MR, nonetheless the following has to be clarified:				
<ol style="list-style-type: none"> <li>1. As per UNFCCC interface the start date of MP is 01.06.2015, the electricity generated from that period has to be reported, if it is 0 it has to be indicated too in section E1.</li> <li>2. The statement regarding the consideration of leakage and PE as zero for this monitoring period has to be explained.</li> </ol>				
<b>Project participant response (2<sup>nd</sup> round)</b>				

1. The electricity generated is reported since 31 May 2015 in section E1 of the Monitoring Report.
2. The next statement about the consideration of leakage and PE as zero is included in section E.1 of the Monitoring Report.

According the methodology the potential sources of project emissions are fossil fuel combustion, emissions of non-condensable gases from operation of geothermal power plants and emission from water reservoirs of hydro power plants. None of these sources has been produced in the project during the monitoring period reported, the solar PV power plant has generated electricity by harnessing solar radiation through photovoltaic panels.

Concerning the leakage, according the methodology, it has not been considered. The main emissions potentially giving rise to leakage in the context of electric sector projects are emissions arising due to activities such as power plant construction and upstream emissions from fossil fuel use (e.g. extraction, processing and transport). These emissions sources are neglected,

Therefore as stated in the PDD registered, a Solar PV power plant project has no emissions that could be accounted, For the project, there are no leakage emissions or any other emissions source that could be accounted, so the total project emissions in the year "y" is zero, i.e.  $PE_y = 0$ .

<b>Documentation provided by project participant (1<sup>st</sup> round)</b>		<b>Date:</b> 25/01/2019
MR version 4		
<b>DOE assessment (1<sup>st</sup> round)</b>		<b>Date:</b> 31/01/2019
<ol style="list-style-type: none"> <li>1. The electricity date from the beginning of the MP has been included correctly.</li> <li>2. The statement regarding the consideration of leakage and PE as zero is in line the applicable methodology and registered PDD and also is inline with actual situation observed during the site visit as no equipment using fossil fuels was observed.</li> </ol>		
<b>Conclusion</b> <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

**Table 6. FAR from this verification**

N/A

## Appendix 5. Monitored Parameters

**Table A-5:** Periodic Verification Checklist – Monitored Parameters

Checklist Item (incl. guidance for the verification team)	Reference	Verification Team Comments (Means and results of assessment)	Draft Concl.	Final Concl.
<b>A. EG<sub>Facility,y</sub></b>		Quantity of net electricity generation supplied to the grid in year y by the project plant/unit that has been added under the project activity		
<p><b>a) Measurement / Determination method (VVS, §§ 360-364)</b>  Describe how the monitoring parameter was measured / determined. Focus primarily on the original data level (ODL) but also describe the applied data aggregation trails (from ODL to data aggregation level zero (DAL0)). Check if relevant equipment has been exchanged and if in cases of failures / downtimes of standard equipment other measurement / determination methods have been used. Furthermore, verify the frequency of measurements as per the requirements. Assess whether the measurement / determination method is in line with the registered monitoring plan of the PDD and the applied methodology.</p>	<p>/IM01/  /PDD/  /ACM02/  /METER/  /SCADA/</p>	<p><i>Description:</i>  The project uses an ION 8650 by Schneider bidirectional main (serial number: MW-1408A774-01) and back-up (serial number: MW-1507A002-02) electricity meters installed in the substation located at the project site, which continuously measure the net electricity delivered to the grid.  Data from the meters can be seen and recorded by using a software ION setup.  According to the register PDD the meter should be periodically calibrated in order to ensure maximum error of +-0.2% following national requirements or manufacturer specifications.  The monitoring procedure is described in detail in Appendix 9 of the PDD.  The verification team has checked the General Electricity No. Law 125-01 on its article 342 where is stated that the authority shall check the meters every 2 years. Furthermore, on the same law on the article 299 is stated the accuracy class of the meters which shall be 0.2. The accuracy class of all meters is 0.2 which is in accordance with the PDD and the applied Law.  Calibrations were performed for all meters. The electricity data from the meters is gathered internally in a spread sheet (monitoring data control, in MR referred as “Electronic JRC Measurement Report”) as</p>	<p>CAR-03  CAR-04</p>	OK

		<p>per Appendix 9 of the PDD. This data is cross checked against the sales receipts, which, for the invoicing process take the electricity data from the Economic Transactions Report of the OC (Coordinating Organism of the National Interconnected Electrical System of the Dominican Republic). In case differences are identified between the sales information and the monitoring data control they should be reported and clarified. During this Monitoring Period no discrepancies were found.</p> <p><i>Verifier's action:</i></p> <ol style="list-style-type: none"> <li>1) The verifier physically confirms the existence of both, main and back-up meters, checked the respective serial numbers and the correct functioning of both meters.</li> <li>2) The auditor reviewed the manufacturer's specifications and user's guide.</li> <li>3) Access was granted to the substation, project site where the PVs are installed and also the SCADA showing the plant functioning and monitored parameters (ION set up). Among others, the verifier could see the following information displayed: <ul style="list-style-type: none"> <li>• Energy meters display, main and back-up with the same lay-out as those in the substation</li> <li>• Raw Data from ION Set Up for every day of the monitored months.</li> </ul> </li> <li>4) The electricity generation data from the meters (taken from the spread sheets "Reporte de Medidias de JRC")<sup>/DATA/</sup> used for the ER calculation was cross checked against the sales receipts as well as the National Grid monthly report (NMR) provided by the OC. The electricity data can be analysed and totalized to check the whole monitoring period or by month. No differences were found in the monitoring period.</li> <li>5) Calibration certificates were reviewed.</li> </ol>								
		<table border="1"> <tr> <td data-bbox="1046 1407 1106 1430"><input checked="" type="checkbox"/></td> <td data-bbox="1106 1407 1856 1430">In this context the following findings have been raised:</td> </tr> <tr> <td data-bbox="1046 1430 1106 1452"><input checked="" type="checkbox"/></td> <td data-bbox="1106 1430 1856 1452"><input checked="" type="checkbox"/> <b>CAR 03:</b> The following information shall be corrected in the updated MR: Section D.2.: Information regarding</td> </tr> <tr> <td data-bbox="1046 1452 1106 1474"><input checked="" type="checkbox"/></td> <td data-bbox="1106 1452 1856 1474"></td> </tr> </table>	<input checked="" type="checkbox"/>	In this context the following findings have been raised:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <b>CAR 03:</b> The following information shall be corrected in the updated MR: Section D.2.: Information regarding	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>	In this context the following findings have been raised:									
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <b>CAR 03:</b> The following information shall be corrected in the updated MR: Section D.2.: Information regarding									
<input checked="" type="checkbox"/>										

			the measurement equipment such as class, type, model, serial number and manufacturer is missing.		
		<input checked="" type="checkbox"/>	<b>CAR 04:</b> The net energy data of all months does not correspond to the data observed during on site visit		
<b>b) Accuracy, correctness and QA/QC Procedure (VVS, §§ 365-371)</b> <i>In case of measured (or estimated) values, check whether the accuracy of equipment used for monitoring is controlled and calibrated in accordance with the monitoring plan or if significant inaccuracies occur; in this case, make sure that the most conservative assumptions theoretically possible have been made for calculating ERs.</i> <i>Describe whether all applicable QA/QC procedures are met. Assess further if the calibration of the monitoring equipment has been carried out in line with the latest EB guidance.</i> <i>Include calibration dates and information in validity of the installed monitoring equipment in the table in Appendix 6.</i>	/CAL/ /MR/ /XLS/ /SCADA/	<input checked="" type="checkbox"/>	It is confirmed that the accuracy of the equipment used for monitoring is controlled and calibrated in accordance with the monitoring plan	OK	OK
		<input checked="" type="checkbox"/>	For details regarding the accuracy and calibration details please refer to Appendix 6		
		<input type="checkbox"/>	No delayed calibration has occurred		
		<input checked="" type="checkbox"/>	As per the initial assessment the monitored value is deemed to be correct.		
		<input checked="" type="checkbox"/>	Based on calibration certificates checked it can be confirmed that the monitoring equipment has been duly calibrated for this entire monitoring period.		
		<input type="checkbox"/> <input type="checkbox"/>	Based on calibration certificates checked a delay in calibration has been identified for the following period:  Start date of delay  End date of delay:  For both meters, the main and backup		
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A delay in calibration has been identified, the PP applied related actions and therefore the DOE can confirm that the:		
		<input type="checkbox"/>	The maximum permissible error of the instrument has been applied to the values during the period between scheduled date of calibration and the actual date of calibration		
		<input type="checkbox"/>	The result of the delayed calibration did not identify an error beyond the maximum permissible error of the instrument		
		<input type="checkbox"/>	The error as identified during the delayed calibration has been applied as the error is beyond the maximum permissible error of the instrument		
		<input type="checkbox"/>	The error has been applied in a conservative manner, such that the adjusted measured values of the delayed		

				calibration shall result in fewer claimed GHG emission reductions or net anthropogenic GHG removals		
			<input type="checkbox"/>	The error has been applied all measured values taken during the period between the scheduled date of calibration and the actual date of calibration.		
		<input type="checkbox"/>	In this context the following findings have been raised:			
			<input type="checkbox"/>	N/A		

## Appendix 6. Calibration dates and validity of installed monitoring equipment

**Table A-6:** Periodic Verification Checklist – Calibration details

Monitoring equipment	Related monitoring parameter as per applicable registered monitoring plan	Serial number	Type	Accuracy or accuracy class	Previous calibration (last calibration before start of this monitoring period)	Calibration date(s) during this monitoring period	Validity of calibration(s)	Delay in calibration: yes/no	Period of delayed calibration
Main electricity meter	EG <sub>Facility,y</sub>	MW-1408A774-01	Schneider Electric ION 8650	0.2	03/09/2014	15/06/2016	14/06/2018	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	N/A
Back-up electricity meter	EG <sub>Facility,y</sub>	MW-1507A002-02	Schneider Electric ION 8650	0.2	06/07/2015	15/06/2016	14/06/2018	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	N/A

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**Document information**

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	31 October 2017	Revision to align with the requirements of the “CDM validation and verification standard for project activities” (version 01.0).
01.0	23 March 2015	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Issuance Keywords: project activities, verifying and certifying		