



VERIFICATION REPORT

LARIMAR WIND FARM PROJECT



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Project title	Larimar Wind Farm Project
Project ID	1644
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Client	Empresa Generadora de Electricidad Haina S.A (EGE Haina)

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Summary:

“Larimar Wind Farm Project” is a project activity that consists in the implementation and operation of two wind power plants in Dominican Republic. The plants supply clean electricity to the Dominican Republic National Interconnected System (SENI).

The wind power plants comprehend Larimar I, which has 15 wind turbines with 3.3 MW each totalizing 49.5 MW, and Larimar II, which has 14 wind turbines with 3.45 MW each totalizing 48.3 MW. The total installed capacity of the project activity is equal to 97.8 MW.

The project applies the CDM approved methodology ACM0002 – Grid-connected electricity generation from renewable sources – version 17.0.

The project activity reduces the GHG emissions through dispatching GHG-free electricity to the National Interconnected System of Dominican Republic.

The start date of the project and the crediting period was 01/08/2016, which corresponds to the Electricity Purchase Contract Start date signed between EGE Haina and Corporación Dominicana de Empresas Eléctricas Estatales (CDEEE) ^{/09-1/}. It is important to point out that the operation start date of the 1st turbine in the Larimar I Wind Power Plant was on 22/07/2016^{/09-2/} and Larimar II Wind Power plant on 11/10/2018^{/09-3/}.

Scope of verification

EGE Haina S.A. has contracted Verifit to conduct the 3rd verification of the project “Larimar Wind Farm Project” for the monitoring period from 01/01/2022 to 31/12/2023 (both days included).

The scope of the verification is to establish/verify that:

- the currently valid MR template was used and correctly filled up;
- the project activity has been implemented and operated as per the updated PD, dated 29/05/2020, version 3.1 and that all physical features (technology and monitoring equipment) of the project are in place;
- the monitoring report and other supporting documents provided are complete in accordance with the latest applicable version of the completeness checklist for requests for issuance of VCUs, verifiable, and in accordance with applicable requirements of the Verified Carbon Standard Version 4.7;
- the actual monitoring systems and procedures have been compared with the monitoring systems and procedures described in the monitoring plan and approved methodology. As result of this comparison a finding has been raised. Refer to CAR 03;
- the data are recorded and stored as per the monitoring methodology.

This project does not refer to a grouped project and therefore, there are no new instances to be included at the present monitoring period.

Conclusion

Verifit has performed the verification of the VCS project “Larimar Wind Farm Project”, with VCS Project ID 1644, for the monitoring period from 01/01/2022 to 31/12/2023 (both days included).

During the present VCS verification, 13 CLs and 03 CARs were raised and successfully closed.

The verification team has confirmed the implementation of the project as per description in the VCS-PD, the monitoring plan of the PD and the application of the monitoring methodology (ACM0002 v.17.0). In addition, it was confirmed that the monitoring system is in place and the emission reductions are calculated without material misstatements.

The verified emission reductions amount to **441,100 tCO₂e** in the above-mentioned monitoring period.

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1 INTRODUCTION

1.1 Objective

EGE Haina S.A. has contracted Verifit to conduct the 3rd verification of the project “Larimar Wind Farm Project” for the monitoring period from 01/01/2022 to 31/12/2023 (both days included) according to the requirements of the Verified Carbon Standard Version 4.7.

1.2 Scope and Criteria

The scope of the verification is to establish/verify that:

- the project activity has been implemented and operated as per the updated PD^{/3/} and that all physical features (technology, project equipment and monitoring and metering equipment) of the project are in place;
- the monitoring report and other supporting documents provided are complete in accordance with the latest applicable version of the completeness checklist for requests for issuance of VCUs, verifiable, and in accordance with applicable VCS Version 4.7 requirements;
- the actual monitoring systems and procedures comply with the monitoring systems and procedures described in the monitoring plan and the approved methodology;
- the data are recorded and stored as per the monitoring methodology.

The verification of this monitoring period is based on the registered VCS-PD, MR and GHG emission reduction calculation spreadsheet and supporting documents.

1.3 Level of Assurance

The verification of this monitoring period has achieved a reasonable level of assurance.

1.4 Summary Description of the Project

“Larimar Wind Farm Project” is a project activity that consists in the implementation and operation of two wind power plants in Dominican Republic. The plants supply clean electricity to the Dominican Republic National Interconnected System (SENI).

The project consists in the installation of 15 wind turbines with 3.3 MW each totalizing 49.5 MW for Larimar I and 14 wind turbines with 3.45 MW each totalizing 48.3 MW for Larimar II. The total installed capacity of the project activity is equal to 97.8 MW. The power factor is estimated in 47.4%^{/08-1/} for Larimar I and 35.5% for Larimar II ^{/08-2/}.

The plant will be interconnected to the National System through Los Cocos Substation^{/12/} located 5 km distant.

The expected lifetime of wind turbines is 20 years^{/11/}.

The characteristics of the installed wind turbines are as follows^{/08/}:

Table 1: Technical description of the wind turbines from Larimar I

Characteristic	Unit	value
Model	-	Vestas V112-3.3MW
Nominal power	MW	3.3
Wind class	-	IEC 2A/ IEC 3A
Rated wind speed	m/s	11.4
Operating wind range	m/s	3-25
Blade length	m	54.65
Generator type	-	Siemens - Induction Generator

Table 2: Technical description of the wind turbines from Larimar II

Characteristic	Unit	value
Model	-	Vestas V117-3.45MW
Nominal power	MW	3.45
Wind class	-	IEC S
Rated wind speed	m/s	11.4
Operating wind range	m/s	3-25
Blade length	m	57.15
Generator type	-	Siemens - Three phase Induction Generator with squirrel cage rotor

The project activity achieves GHG emission reduction through replacing the carbon intensive electricity from the national grid by renewable electricity generated by the wind power plant.

The project is listed at VCS and can be accessed by the following link:
<https://registry.verra.org/app/projectDetail/VCS/1644>.

Some of the characteristics of the project activity are described below:

- Project proponent and other entities involved in the project: the project proponent and also the project owner is Empresa Generadora de Electricidad Haina S.A- EGE Haina. MGM Innova Consulting is involved in the PA as consultant.

- Project Category: renewable energy single bundle project activity
- Methodology: ACM0002 – Grid-connected electricity generation from renewable sources – version 17.0
- Project Start Date: 01/08/2016 ^{/09-1/} determined by the Power Purchase Agreement signature: trial period operation started on 03/05/2016. The first wind turbine was connected to the national system on 23/05/2016.
- Crediting Period: from 01/08/2016 to 31/07/2026 – 10 years – renewable. However, the information was not clear in the MR and a CL has been raised. Refer to CL 01.
- Project scale and Estimated GHG emission reductions: the PA is defined as a Project (< 300,000 tCO₂e/y).
- Project Location: Both Wind Power Plants are located in Enriquillo Municipality, Barahona Dominican Republic. Coordinates the plant is presented below (Coordinates_UTM (North)-WGS84 zone 19)^{/19/}. The values were duly checked at the environmental licenses^{/13-1 and 13-2/}

UTM Coordinates Wind turbines Larimar I		
Aero ID	X (Easting)	Y (Northing)
LM01	19Q259392.98	1983946.15
LM02	19Q259853.00	1983884.00
LM03	19Q260154.98	1983758.17
LM04	19Q260481.98	1983647.18
LM05	19Q260845.98	1983520.19
LM06	19Q260923.38	1983515.19
LM07	19Q261015.68	1982926.20
LM08	19Q261069.58	1982633.20
LM09	19Q260972.08	1982305.20
LM10	19Q261003.18	1981986.20
LM11	19Q261050.48	1981708.20
LM12	19Q261133.98	1981422.20
LM13	19Q261166.38	1981122.20
LM14	19Q261230.78	1980844.20
LM15	19Q261187.18	1980554.20

UTM Coordinates Wind turbines Larimar II		
Aero ID	X (Easting)	Y (Northing)
LMII01	19Q264208	1981174
LMII02	19Q264069	1981382
LMII03	19Q263896	1981562
LMII04	19Q263736	1981754
LMII05	19Q263593	1981960
LMII06	19Q263466	1982174
LMII07	19Q263366	1982404
LMII08	19Q263167	1981151
LMII09	19Q262984	1981321
LMII10	19Q262807	1981502
LMII11	19Q262635	1981689
LMII12	19Q262622	1981956
LMII13	19Q262124	1982155
LMII14	19Q262133	1982405

- Conditions prior to project initiation: The project is a greenfield wind power plant and prior to the project installation the electricity would be generated by Power Plants connected to the National Grid.
- Project compliance with applicable laws, statutes and other regulatory frameworks: The project currently operating as per registered VCS-PD^{/03/}. The compliance with the applicable laws and regulations can be evidenced through Environmental Licenses issued by Ministry of Environment and Natural Resources (MIMARENA) on 25/06/2020^{/13-1/} for Larimar I and 17/03/2022^{/13-2/} for Larimar II.
- Ownership and other programs: Empresa Generadora de Electricidad Haina, S.A. is the project owner. The ownership is confirmed through Larimar Concession Decree^{/10/}. In addition, the GHG emission reductions generated by the project have not been included in any emissions trading program or any other mechanism that includes GHG allowance trading. Moreover, the project has not received nor sought any other form of environmental credit, and neither has become eligible to do so since validation or previous verification. Finally, the project has not participated nor been rejected under any other GHG programs.

- Eligibility criteria for grouped projects: this project does not correspond to grouped project, thus this section is not applicable.
- Leakage management for AFOLU projects: this project is not an AFOLU project, thus, the leakage management is not applicable. The applied methodology does not make reference to AFOLU projects.
- Commercially sensitive information: the commercial information has not been excluded from the documents made public by the PP.
- Sustainable development Goals: three SDGs (7, 8 and 13) have been defined in the MR as required by VCS.
- SDG Indicator 7.2.1: Renewable energy share in the total final energy consumption. It refers to the amount of renewable energy dispatched to the grid (refer to Parameter $EG_{\text{facility},y}$ in section 4.3 below);
- SDG Indicator 8.5.2: Total number of jobs created by the project (employment rate);
- SDG Indicator 8.8.1: Number of hours of training on health and safety at work (to avoid fatal and non-fatal occupational injuries);
- SDG Indicator 13.2: Tonnes of greenhouse gas emissions avoided or removed. It refers to the amount of Emission Reductions achieved during this monitoring period (refer to total ERs achieved stated in section 5 below).

The project activity corresponds to the installation of two Greenfield wind power plants in Dominican Republic. The project description is complete, accurate and reflect the information stated in the evidence provided.

2 VERIFICATION PROCESS

2.1 Method and Criteria

The verification process is conducted as per internal MSG and P-04 and in accordance with criteria laid down by VCS. It includes the following steps:

- contract with PP for the scope and appointment of verification team and technical review team;
- completeness check of Monitoring Report;
- desk review of Monitoring Report and corresponding ER sheet by verification team and planning of onsite audit (including sampling approach to be applied);
- virtual inspection by verification team;
- follow up activities e.g., interviews;
- reporting and closure of findings (CARs/CLs/FARs) and preparation of draft verification report;

- independent technical review of the draft verification report and final/revised documentation (e.g., Monitoring Report, corresponding ER sheet and evidences);
- reporting and closure of TR comments/findings (CARs/CLs/FARs) and final approval for the decision made;
- issuance of final verification report to contracted PP (or authorized representatives).

2.2 Document Review

A desk review was conducted by the verification team that included:

- a review of the data and information presented to verify its completeness;
- a review of the registered monitoring plan, the monitoring methodology including applicable tool(s) and, where applicable, the applied standardized baseline, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures;
- an evaluation of data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions;
- supporting documents.

A complete list of documents/evidences reviewed is included as Appendix II.

2.3 Interviews

#	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1	Rodriguez	Valeria	EGE Haina	15/08/2024	Project description, operations, competence, legal documents, Stakeholder communication Information of monitoring data to stakeholders Ongoing communication procedures	Marcelo Sebben Camila Kamimura
2	Santos	Antonio	EGE Haina	15/08/2024	Site visit, technical description,	Marcelo Sebben

#	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
					technical information and Substation site visit	Camila Kamimura
3	Gil	Wilson	EGE Haina	15/08/2024	Extraction of generation raw data and cross-check measures, arrangement calculations	Marcelo Sebben Camila Kamimura
4	Gomez	Juan	EGE Haina	15/08/2024	ER calculations Data aggregation	Marcelo Sebben Camila Kamimura
5	Vallejo	Alexander	EGE Haina	15/08/2024	Extraction of generation raw data and cross-check, technical information	Marcelo Sebben Camila Kamimura
6	Inchaustegui	Marino	EGE Haina	15/08/2024	SDG Environmental permits Environmental periodic monitoring	Marcelo Sebben Camila Kamimura
7	Correa	Juliana	MGM Innova (consultant)	15/08/2024	MR description ER calculations	Marcelo Sebben Camila Kamimura

The objective of the above interviews was to understand the implementation and operation of the project activity, calculation of emission reductions as well as the control of meters responsible for measuring the parameters.

Moreover, the interviews clarified the social and environmental monitoring carried out due to the project activity and their outcome, interaction of project activity with stakeholders and procedure of continuous communication with community.

The interviews carried out as well as each topic addressed are detailed in table above.

The verification team concluded that the interviews carried out provided a good understanding of the project activity operation as well as their results in GHG emission reductions achieved and social/environmental monitoring.

2.4 Site Visits

Duration of virtual audit: 15/08/2024				
#	Activity performed	Site location	Date	Team member
1	Opening Meeting: Introduction, scope and objective of work, roles and responsibilities of audit team, resources required, and timetable of the onsite audit including venue for closing meeting and any concerns of the PP.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
2	Implementation and operation of project activity (project boundary, project location, technology, project equipment, monitoring and metering equipment) as per registered PD/previous verification. Maintenance. Change in the project.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
3	- Ownership and right to declare GHG Reductions or Removals.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
4	- Management and monitoring procedures followed at the project site.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
5	Plant inspection (Larimar I and II power plants and Substation Los Cocos): implementation and operation of project activity, technology/equipment, and measuring instruments. - Interview of those responsible .	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
6	Operational and management system: Documentation, assignment of responsibilities, qualification and training, data recording and archiving, internal auditing and review of management and emergency procedures.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura

Duration of virtual audit: 15/08/2024				
#	Activity performed	Site location	Date	Team member
7	Monitoring Plan. Feasibility and compliance with PDD monitoring procedures: - Monitored parameters; - QA/QC procedures; - Data recording and storage Procedures; - Monitoring plan implementation, qualification and training responsibilities; - Stakeholder Ongoing Communication; - Communication to stakeholders about the monitoring results; - Environmental licenses, monitoring of environmental activities.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
8	- Download generation data. - Download cross-check data.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
9	Verifying evidence of the SDGs.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
10	Review of monitored data and relevant documents in accordance with the recorded monitoring plan and the monitoring methodology applied.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
11	Review of ER calculations according to the applied methodology and relevant tools.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
12	Evidence gathering.	Video call	15/08/2024	Marcelo Sebben Camila Kamimura
13	<i>Closing meeting: Presentation of the audit results to the client and agreement on the issues raised and agreement on the deadlines.</i>	Video call	15/08/2024	Marcelo Sebben Camila Kamimura

The on-site inspection was not conducted during this verification process. The alternative means of conducting an audit process have been considered in accordance with VCS

Standard and requirements^{/24/}. The information about the version of VCS Standard was correctly included in the front page of MR.

Instead, the VVB used other standard auditing techniques for verification, as follows:

- Confirmation from PP that no changes occurred in the installed technology, monitoring plan, measuring equipment, obtained from interview with PPs.
- Current pictures of main equipment^{/18/} with geographical coordinates identification.
- Document review.
- Connection test prior to the audit process in order to evaluate the Technology Information Communication.
- Track recording in order to evidence the correct project location.
- Real time videoconference overview of wind power plant and installed wind turbines.
- Real time Videoconference with demonstration of installed electricity meters and with directly demonstration of raw data extraction of electricity generation.

These audit techniques used have been considered sufficient and credible by the verification team for the purpose of the present verification.

2.5 Resolution of Findings

The findings may be of following types: CAR – Corrective Action Request, CL – Clarification Request and FAR – Forward Action Request.

During the present verification, 13 CLs and 03 CARs were raised and successfully closed.

The list of findings and their resolution are presented at Appendix IV of this report.

2.5.1 Forward Action Requests

No FAR was raised.

2.6 Eligibility for Validation Activities

Verifit holds the accreditation for verification of the sectoral scope.

3 VALIDATION FINDINGS

3.1 Methodology Deviations

The project activity complies with the applied methodology ACM0002 – Grid-connected electricity generation from renewable sources – version 17.0 and all applicable tools.

No deviations were observed.

3.2 Project Description Deviations

For the present monitoring period, no change is being requested. A VCS-PD typo correction has been requested during the first monitoring period and this correction (EF_{grid} value) has been duly reflected in the currently valid version of the VCS-PD^{/03/}

3.3 New Project Activity Instances in Grouped Projects

Not applied. This project does not correspond to a grouped project.

3.4 Baseline Reassessment

Did the project undergo baseline reassessment during the monitoring period?

☐ Yes

☒ No

4 VERIFICATION FINDINGS

4.1 Project Details

Item	Evidence gathering activities, evidence checked, and assessment conclusion:
Audit history	Empresa Generadora de Electricidad Haina (EGE Haina S.A.) has contracted Verifit to conduct the verification of the project activity "Larimar Wind Farm Project" for the monitoring period from 01/01/2022 to 31/12/2023 (both days included). The Notice of Validation/Verification Services (NOVS) was submitted to Verra on 22/07/2024. Virtual audit took place on 15/08/2024.
Double counting and participation under other GHG programs	The project activity does not participate in any other GHG program. The programs checked can be found in the Appendix II below^{/25/}.
No double claiming with emissions trading programs or binding emission limits	The project reductions are not included in any emissions trading program or binding emission limit. There is no double claiming.

Item	Evidence gathering activities, evidence checked, and assessment conclusion:
No double claiming with other forms of environmental credit	There is no double claiming with any other forms of environmental credit. The project activity has never sought, received, or is planning to receive credit from another GHG-related environmental credit system.
Supply chain (scope 3) emissions double claiming	– the project proponent or authorized representative is not a buyer or seller of a product whose emissions footprint is changed by the project activity. – the project proponent has posted a public statement on its website in accordance with the VCS Program requirements. The post is available at https://www.egehaina.com/Noticias?id=4216
Sustainable development contributions	The activity results in contributions to SDG 7, SDG 13 and SDG 8. The indicators are as follow: – SDG Indicator 7.2.1: Renewable energy share in the total final energy consumption. It refers to the amount of renewable energy dispatched to the grid. – SDG Indicator 13.0: Tonnes of greenhouse gas emissions avoided or removed. It refers to the amount of Emission Reductions achieved during this monitoring period. – SDG Indicator 8.5.2: Total number of jobs created by the project (employment rate). – SDG Indicator 8.8.1: number of hours of training on health and safety at work (to avoid fatal and non-fatal occupational injuries). This information was correctly included in MR, section 1.12.
Additional information relevant to the project	– There is no source of leakage emissions as per the applied methodology; – There is no commercially sensitive information.

4.2 Safeguards and Stakeholder Engagement

4.2.1 Stakeholder Identification

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Stakeholder identification	According to DIA^{/31/}, chapter 6, the stakeholders identified are: Larimar I - Community leaders: City Hall officials, local associations, neighborhood associations, officials from different government entities, members of local cooperatives. Population of Enriquillo Municipality, including: Villa Progreso, Buena Vista, Los Cocos, Las Cuatro Bocas, Los Blancos, urban area of Enriquillo. Larimar II - Community leaders: Municipal Mayor, government officials, members of Neighborhood Boards, schools and cultural clubs. Population near Enriquillo Municipality, including: Parajes Lajabon, La Chorrera, Penalba, Las Cuatro Bocas, La Bija, Juan Isidro, Maria Teresa. This information was correctly included in the MR, section 2.1.1.
Legal or customary tenure/access rights	According to DIA^{/31/} the areas of Larimar I and II were practically uninhabited before the implementation of the project. The title certificates of Larimar I and Larimar II, lease contracts, purchase and sale contract^{/32/} have been checked. Moreover, the VVB has interviewed the project participants in order to confirm information provided. So, it was concluded that the project did not involve forced displacement. This information it was correctly included in the MR, section 2.1.1.
Stakeholder diversity and changes over time	It was observed in the document “Requests from the municipality of Enriquillo 2022 – 2023”^{/27/} that the greatest recognitions are the neighbourhood associations, schools and sports organizations. No changes have been observed overtime.
Expected changes in well-being	Through the local stakeholder consultation performed in validation and on-going communications, the project has a positive impact. The stakeholders expect improvements regarding to the

Item	Evidence gathering activities, evidence checked, and assessment conclusion
	infrastructure works, the possibility of employment, electricity, possible lease of land, medical dispensary and water wells.
Location of stakeholders	According to DIA^{/31/} the areas of Larima I and II were practically uninhabited before the implementation of the project. Villa Progreso, Buena Vista, Los Cocos, Las Cuatro Bocas and Los Blancos, municipality of Enriquillo are areas of influence for the project to Larimar I. Towns of Lajabón, La Chorrera, Peñalba, Las Cuatro Bocas, La Bija, Juan Isidro and María Teresa are areas of influence for the project to Larimar II. Since it was observed purchase-sale and lease contracts^{/32/} for Larimar I and II, it was concluded that the project did not involve forced displacement. This information it was correctly included in the MR, section 2.1.1.
Location of resources	Through the purchase-sale and lease contracts^{/32/} it was observed the details of the land agreements. In the lease of land there are crops in the rented areas. This information was correctly included in the MR, section 2.1.1.

4.2.2 Stakeholder Consultation and Ongoing Communication

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Ongoing consultation	It was presented a Brochure dated in July 2024^{/26/} informing the monitored results and the VVB's visit. The ongoing communication is performed by emails, telephone calls, social networks (WhatsApp). In addition, the stakeholders can go to the substations of the nearest Wind Farm to communicate with the project. The contact is maintained through the Communications and Sustainability Department of EGE HAINA.

Item	Evidence gathering activities, evidence checked, and assessment conclusion
	This information was correctly included in the MR, section 2.1.2.
Date(s) of stakeholder consultation	No formal stakeholder consultation has been performed for this third verification. Despite that several events were performed as donations of supplies ^{/33-1/} , classes and construction of fire station.
Communication of monitored results	The monitored results of the third monitoring period have been made by the Brochure dated in July 2024^{/27/}. And usually is also performed in social networks as Linkedin and Instagram. This information was correctly included in the MR, section 2.1.2.
Consultation records	The records of the stakeholder consultation performed before the construction of the wind farms are recorded in the DIA ^{/31/} . After this phase, the records keeping are responsibility of the Communications and Sustainability Department of EGE Haina and they are achieved digitally by categories. This information was correctly included in the MR, section 2.1.2.
Stakeholder input	The records of the stakeholder consultation performed before the construction of the wind farms are recorded in the DIA^{/31/}. It was performed donations in the period of 2022 and 2023 as observed in the Donations and Sponsorships Committee records^{/33-1/}, other documents were checked regarding the donation process: Regulations of the Donations and Sponsorships Committee^{/33-2/} and Donation and Sponsorship Management^{/33-3/}. This information was correctly included in the MR, section 2.1.2.

4.2.3 Free, Prior, and Informed Consent

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Consent	As observed in the agreements^{/32/} the consent was obtained by the affected interested parties regarding the activities of the project. There are no records of claims or disputes by any party. This information was correctly included in the MR, section 2.1.3.

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Outcome of FPIC discussion	The title certificates of Larimar I and Larimar II, lease contracts, purchase and sale contract^{/32/} have been checked. So, it was concluded that the project did not involve forced displacement. It wasn't observed any records of claims to the project. The rules to carry out the claims are contained in the Wind Farm Rural Claims Procedure^{/33-6/}. This information was correctly included in the MR, section 2.1.3.

4.2.4 Grievance Redress Procedure

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Grievance received and steps taken to resolve the grievance including the outcomes of the resolution	Through the document "Requests from the municipality of Enriquillo 2022 – 2023"^{/27/}, it can be concluded that the project received 29 requests of donation in the period 2022-2023 and 62% of these requests were approved. According to the third MR, section 2.1.4, no complaints were received during monitoring period (2022 – 2023). This information was correctly included in the MR, section 2.1.4.
Grievance redress procedure	According to the third MR, section 2.1.4, the grievance is received through e-mails, telephone calls, social networks (WhatsApp) that follows the flowchart to manage the claims are contained in the flowchart^{/33-4/}. This information was correctly included in the MR, section 2.1.4.

4.2.5 Public Comments

Comments received	Actions taken by the project proponent	Evidence gathering activities, evidence checked, and assessment conclusion
According to the third MR, section 2.1.5, there are no comments regarding to the period of 2022-2023. It was observed that the details of the comments received during the public consultation are contained in the <i>DIA</i> ^{/31/} . This information was correctly included in the MR, section 2.1.5.	No actions were taken since there are no comments regarding the period of 2022-2023.	No evidence was collected since there are no comments regarding the period of 2022-2023.

4.2.6 Risks to Local Stakeholders and the Environment

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Risks to stakeholder participation	The project participants have provided information that there is a Directorate of Communications and Corporate Social Responsibility (CSR) to help communities in several areas. This information was based in the third MR, section 2.2. The verification team concluded that the information is accurate and the risk is low.
Working conditions	The project participants have provided information that the workers received instructions regarding safe working conditions. This information was based in the Sustainability Reports from 2022 and 2023 ^{/28/} and Wind Farm Risk Matrix spreadsheet ^{/29/} . This information was correctly included in the MR, section 2.2.
Safety of women and girls	No gender differentiation has been observed during the site inspections, and neither in the documents provided to the verification team. Therefore, the VVB concludes that there is no risk related to safety of women and girls due to the project activity. In addition, the project proponent has a certification from the Dominican Quality

Item	Evidence gathering activities, evidence checked, and assessment conclusion
	Institute (INDOCAL) ^{/33-5/} regarding to the gender culture promotion and has a Diversity and Inclusion Human Rights Policy.
Safety of minority and marginalized groups, including children	The workers are hired under legal national rules as it could be observed during interviews carried out. Therefore, the project activity does not represent a risk to the safety of minatory and marginalized groups, including children. In addition, the project proponent has a Human Rights Policy Diversity and Inclusion ^{/33-5/} .
Pollutants (air, noise, discharges to water, generation and release of hazardous materials and chemical pesticides and fertilizers	The project participants have provided information that the pollutants are monitored and controlled in accordance with the national rules. This information was based on the section 2.2 of third MR and ICAs from 2022 and 2023 ^{/30/} . The verification team concluded that the information is accurate and the risk is low.

4.2.7 Respect for Human Rights and Equity

4.2.7.1 Labor and Work

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Discrimination and sexual harassment	Based on the Sustainability Reports from 2022 and 2023 ^{/28/} , it can be concluded that the project proponent is committed to eliminate discrimination and sexual harassment mainly through open and safe channel of communication. In addition, there is a Human Rights Policy Diversity and Inclusion ^{/33-5/} that covers this topic.
Management experience	According to the MR, section 2.3.1, management experience is not applicable since there is no new entity involved in the project. This information was correctly included in the MR, section 2.3.1.

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Gender equity in labor and work	During interviews, VVB have not observed any differentiation related to gender. Based on the Sustainability Reports from 2022 and 2023^{/28/}, it can be concluded that the project proponent is committed to gender equity. In addition, there is a Human Rights Policy Diversity and Inclusion^{/33-5/} that covers this topic.
Human trafficking, forced labor, and child labor	Interviews to employees, to the ranchers and to the project developers have been used for assessing this item. Based on the MR, section 2.3.1 and Human Rights Policy Diversity and Inclusion^{/33-5/}, it can be concluded that the project proponent does not condone with such practices.

4.2.7.2 Human Rights

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Human rights	Through the Human Rights Policy Diversity and Inclusion^{/33-5/} it was concluded that the project respects human rights, promoting respect to diversity and equal grow opportunities for their staff and complying with the applicable law. This information was correctly included in the MR, section 2.3.2.

4.2.7.3 Indigenous Peoples and Cultural Heritage

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Preservation and protection of cultural heritage	As per DIA^{/31/} from Larimar I and Larimar II, the population living on the area have mostly Catholic, Evangelic or African cultures. The proprieties where the project activity has been installed are private and are not community areas. Regarding cultural heritage, the DIA^{/31/} reports indicated that there have been no archaeological findings in the project region. It was concluded that there is no indigenous land legally determined in Dominican Republic, so the project does not affect indigenous people.

Item	Evidence gathering activities, evidence checked, and assessment conclusion
	This information was correctly included in the MR, section 2.3.3.

4.2.7.4 Property Rights

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Disputes over rights to territories and resources	The title certificates of Larimar I and Larimar II, lease contracts, purchase and sale contract^{/32/} have been checked. So, it was concluded that the project did not involve disputes over rights to territories and resources. This information it was correctly included in the MR, section 2.3.4.
Respect for property rights	The rules to carry out the claims are contained in the Wind Farm Rural Claims Procedure^{/33-6/}. It was informed in the MR that no claim was received regarding to the project. The VVB concludes that the project proponents have respect for property rights.

4.2.7.5 Benefit Sharing

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Summary of the benefit sharing plan	N/A – there is no benefit sharing since the project does not affect property rights. This information was correctly included in the MR, section 2.3.5.
Benefit sharing during the monitoring period	N/A – there is no benefit sharing since the project does not affect property rights.

4.2.8 Ecosystem Health

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Impacts on biodiversity and ecosystems	Based on ICAs from 2022 and 2023 ^{/30/} that contains Flora and Fauna Management Program, the VVB concluded that the impacts of the project on biodiversity and ecosystem is low.
Soil degradation and soil erosion	Based on ICAs from 2022 and 2023 ^{/30/} , the VVB concluded that there is no soil degradation or soil erosion.
Water consumption and stress	Based on ICAs from 2022 and 2023 ^{/30/} , the VVB concluded that the consumption of water is controlled, and the quantity is low.
Usage of fertilizers	Based on ICAs from 2022 and 2023 ^{/30/} , DIA ^{/31/} and the type of the project it was concluded that there is no usage of fertilizers. This information was correctly included in the MR, section 2.4.

4.2.8.1 Rare, Threatened, and Endangered species

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Species or habitat	Based on ICAs from 2022 and 2023 ^{/30/} , it was concluded that the project did not adversely affect habitats of rare, threatened or endangered species, in this monitoring period. This information it was correctly included in the MR, section 2.4.1.

4.2.8.2 Introduction of Species

Species introduced	Evidence gathering activities, evidence checked, and assessment conclusion
N/A	As per DIA ^{/31/} from Larimar I and Larimar II, no species has been introduced in the project area due to the effects of the project development. This information was correctly included in the MR, section 2.4.2.

Existing invasive species	Evidence gathering activities, evidence checked, and assessment conclusion
<i>Bothriochloa pertusa</i> (Vascular Plants)	This plant has been observed in the area. However, it has not been introduced due to the project activity. No mitigation measures have been observed in the Environmental Impact Declaration ^{/31/} or in the Environmental Compliance reports ^{/30/} .

4.2.8.3 Ecosystem conversion

Item	Evidence gathering activities and evidence checked
Ecosystem conversion	Through the DIA ^{/31/} and ICA ^{/30/} it was concluded that there is no ecosystem conversion due to the project. This information was correctly included in the MR, section 2.4.3.

4.3 Accuracy of Reduction and Removal Calculations

The approved VCS methodology ACM0002 – Grid-connected electricity generation from renewable sources – version 17.0 is applied to the project activity.

GHG emission reduction is calculated as baseline emissions only. No project emissions and leakage are considered for this kind of project.

Baseline emissions are calculated as follows:

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

Where:

BE_y: Baseline emissions in year y (tCO₂/yr);

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

EF_{grid,CM,y}: Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO₂/MWh).

$$EF_{grid,CM,y} = W_{OM} \times EF_{OM} + W_{BM} \times EF_{BM}$$

As the project activity is the installation of a greenfield power plant: EG_{PJ,y} = EG_{facility,y} (quantity of net electricity generation supplied by the project plant/unit to the grid in year y). The EG_{facility,y} comprehends the sum of electricity dispatched by Larimar I and Larimar II.

Moreover, the value of parameter $EF_{grid,CM,y}$ has been fixed ex-ante and it is equal to **0.7173 tCO₂/MWh**, as it can be confirmed in the registered VCS-PD^{/3/}.

The results are as follows for BE calculations:

The BEy calculations are as follows:

$$BE_{2022} = 333,546.01 \text{ MWh} \times 0.7173 \text{ tCO}_2\text{e/MWh} = 239,252 \text{ tCO}_2\text{e}$$

$$BE_{2023} = 281,401.02 \text{ MWh} \times 0.7173 \text{ tCO}_2\text{e/MWh} = 201,848 \text{ tCO}_2\text{e}$$

$$BE_{total} = 441,100 \text{ tCO}_2\text{e}$$

For project emissions, PE = 0 for wind power plants as per VCS-PD and applied methodology.

There are no leakage emissions as per the applied methodology. So: Ly = 0.

Fixed parameters: The following parameter was kept fixed along the crediting period and is being used for calculation of emission reductions:

- **$EF_{grid,CM,y}$** : Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system”. The applied value is **0.7173 tCO₂/MWh** for the whole crediting period.

Monitored parameters: The following parameters were monitored along the monitoring period and are being used for calculation of emission reductions:

- **$EG_{facility,y}$ (Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh/yr))**: the parameter was monitored continuously through two electricity meters per wind power plant (main and backup) in the substation Los Cocos which is the connection point with the National Grid^{/12/}. The meters used are standard and regulated by the OC, which is the National Electric System Coordinator. Their calibration is determined by the National regulations^{/15-4/} to be carried out every two years and are under control PP. The monitored values (meter data)^{/16/} have been compared with the ones provided by OC^{/17/}.

In order to consider the losses between the meter's substation (34.5Kv Lines) and the 138kv bar of the Cocos substation, a mathematical arrangement is automatically carried out and duly validated by the electricity operator (OC-SENI). The verification team observed that the net electricity generated is calculated by measuring the gross electricity in 34.5Kv Lines then accounting the transmission and transformation losses. The net electricity considered is then compared to the public available net electricity exported and the smaller (more conservative) values are used in the ER calculations spreadsheet.

Evidence of raw data download, gross-to-net calculation and cross check information have been duly provided to the verification team and it is confirmed that the electricity values applied in the calculations have been determined in accordance with TOOL05 requirements^{/2-3/}. Moreover, a cross-check has been carried out with official information, which confirms that the electricity measured provided is accurate.

This information was correctly included in the MR, section 4.2.

The applied values are the following (MWh)¹:

○ 2022:

- Larimar I: 193,586.35
- Larimar II: 139,959.66
- TOTAL for 2022: 333,546.01

○ 2023:

- Larimar I: 164,030.73
- Larimar II: 117,370.29
- TOTAL for 2023: 281,401.02

The following meters were used for measuring the parameter

Parameter	Electricity meter type and S/N	Calibration company ^{/21/}	Accuracy class	Calibration dates	Delays
EG _{facility,h,} Larimar I	Main Schneider electric – ION 8650 S/N MW-1507A003-02	OC	0.2	25/02/2020	Yes 25/02/2022 to 31/12/2023
	Backup Schneider electric – ION 8650 S/N MW-1507A004-02	OC	0.2	25/02/2020	Yes 25/02/2022 to 31/12/2023
EG _{facility,h,} Larimar II	Main Schneider electric – ION 8650 S/N MW-1507A001-02	OC	0.2	25/02/2020	Yes 25/02/2022 to 31/12/2023
	Backup Schneider electric – ION 8650 S/N MW-1507A009-02	OC	0.2	25/02/2020	Yes 25/02/2022 to 31/12/2023

For this monitoring period, the information about calibrations of the meters is not clear. Refer to CLs 11, 13 and CAR 03. After clarifications and corrections provided by the PP, CLs 11, 13 and CAR 03 were closed.

It has been observed that calibration delays occurred in the electricity meters responsible for net electricity measurements. For the delayed period, a correction factor of 0.2% (maximum meter error) has been applied. Moreover, the State entity responsible for carrying out the calibration, issued a letter^{/21-2/} stating that taking into account the calibration carried out previously, the line stability and the meters accuracy, the measured values have been duly applied for determining the official electricity generated for commercial purposes. Therefore, the application of this correction factor is deemed conservative.

¹ Values already accounting for the calibration delays.

The spreadsheet calculation has been provided to the verification team and it is considered accurate, and its formulae in accordance with the ones mentioned above and in accordance with applied methodology and VCS-PD.

In order to conclude that, the verification team has compared all hourly Electricity generation provided in the spreadsheets (from both meters and from OC) and found to be correctly reported.

The verification team also concludes that the methods and formulae set out in the project description for calculating baseline emissions, project emissions and leakage have been followed.

4.4 Quality of Evidence to Determine Reductions and Removals

The verification team confirms that:

- The electricity generation was checked directly at the company's system (Schneider Electric System) and cross-checked with official information (OC), as evidence to determine emission reduction. This has been done by comparing values in the calculations spreadsheet with values provided by meters and by OC. This comparison was done on excel.
- The records, data and information provided were found valid for the current verification period. The documents were verified during virtual site visit and when possible, were checked directly from its source. During the virtual call, both data from electricity meters and from OC has been downloaded and directly sent to the verification team by e-mail. The data provided is hourly aggregated. These data were compared to the ones applied in the ER calculations. For the calculations, the data is aggregated monthly. After all findings' resolution, the data used in the Calculations was considered correct.
- The calibration frequency is duly determined by National regulations. For the gaps in calibration observed, conservative correction factor was applied.
- Interviews were performed during virtual site visit with involved personnel and PP's representatives. Their objective was to understand the project activity as well as conclude the correct operation, implementation and monitoring of the same. For details on the objective and outcome of the interviews conducted during the virtual site inspection, please refer to section 2.3 above.
- The GHG emission reduction calculations were checked step by step with PP's representatives;
- The verification team found the quality of the evidence to be at an adequate level to ensure an accurate quantification of the emission reductions.

The verification team concludes that the quantity and quality of data is sufficient and appropriate for determining the GHG reductions during the monitoring period.

4.5 Non-Permanence Risk Analysis

Not applicable.

5 VERIFICATION OPINION

5.1 Verification Summary

The GHG statement is the responsibility of the project proponent, whether the project conforms with the verification criteria for projects set out in VCS Version 4.7.

Verifit's verification approach is based on the understanding of the risks associated with reporting the project activity, estimates of GHG emission data and the controls to be implemented to mitigate these. Verifit planned and performed the verification by obtaining evidence, other information and explanations that Verifit considered necessary to give reasonable assurance that the estimated GHG emission reductions are fairly to be achieved.

This verification was conducted in accordance with requirements of ISO 17029:2019, ISO 14065:2020 and ISO 14064-3:2019.

5.2 Verification Conclusion

This is an unmodified opinion, in accordance with the requirements of ISO 14064-3:2019, that is:

- there is sufficient and appropriate evidence to support material emissions, removals or storage;
- the criteria are appropriately applied to substantial emissions, removals or storage;
- The effectiveness of controls has been evaluated.

VERIFIT, located at CRA 30 # 7 AA – 207 – Torre Scaglia – Medellín – Antioquia – Colombia, contracted by Empresa Generadora de Electricidad Haina (EGE Haina S.A.), RNC 1-01-82935-4, whose legal representative is Jose A. Rodriguez Silvestre, has carried out the independent third-party verification of the activity of the "VCS 1644 - Larimar Wind Farm Project", OS 24-008.

It is our responsibility to issue an independent verification report about the compliance of the GHG-Project with the requirements of the certification program VCS, ISO 14064-2:2019 standard and applicable legislation under the framework of the carbon market in Dominican Republic. GHG emission reductions were correctly calculated based on the methodology ACM0002 – version 17.0 and the monitoring plan proposed in the Project Document-PD revised.

The emission reduction statement is the responsibility of the Empresa Generadora de Electricidad Haina (EGE Haina S.A.).

VERIFIT confirms that the project “VCS 1644 - Larimar Wind Farm Project” in Dominican Republic was verified taking into account the following parameters:

- the verification of the GHG-Project has reached a reasonable level of assurance;
- assurance level: 95%, in accordance with VCS;
- materiality: 5%, in accordance with VCS;
- objective: sale other markets;
- scope and criteria: verification of the project “VCS 1644 - Larimar Wind Farm Project” in Dominican Republic, in accordance with the requirements of the ACM0002 – version 17.0 methodology; ISO 14064:2019 – Part 2, ISO 14064:2019 – Part 3 and applicable legislation under the Dominican Republic Carbon Market Framework;
- the baseline scenario implies that all the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources;
- no material leaks apply in the GHG project;
- the project meets all the conditions of the methodology applied;
- the calculations of emission estimates were carried out correctly, transparently and conservatively and in accordance with the methodology applied;
- the assessment of environmental and social aspects is adequate and sufficient;
- the project contributes to the fulfilment of the Sustainable Development Goals, especially in relation to SDGs: 7, 8 and 13;
- the monitoring systems and procedures are real and comply with the monitoring systems and procedures described in the monitoring plan;
- the project is in accordance with the legal requirements of Dominican Republic;
- all the information has been applied in a coherent way in the Project Document-PD revised;
- in accordance with the provisions of the VCS standard, the associated risk has been taken into account during the verification process, for this purpose the competence and impartiality of the audit team and the consistency of the project information have been considered, with technical and legal requirements applicable in the country (Insurance Certificate).
- based on the processes and procedures conducted, the GHG declaration is materially correct and a fair representation of the GHG data and information, is free from material discrepancies and is prepared in accordance with applicable standards.

In this way, the VVB confirms that the results of the GHG quantification of the “VCS 1644 - Larimar Wind Farm Project” are within the materiality described above, in accordance with

the formulation and monitoring of the project, complying with the requirements of the reference and the methodology applied. The GHG emission reductions were generated in accordance with the guidelines defined in ISO 14064-2:2019 and the results obtained in the verification carried out under Standard ISO14064-3:2019. The table below discriminates the amount of GHG emission reductions (tCO₂e) by the activities of the “VCS 1644 - Larimar Wind Farm Project”, for the monitoring period from 01/01/2022 to 31/12/2023:

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Reduction VCU (tCO ₂ e)	Removal VCU (tCO ₂ e)	Total VCUs (tCO ₂ e)
01-Jan-2022 to 31-Dec-2022	239,252	0	0	239,252	0	239,252
01-Jan-2023 to 31-Dec-2023	201,848	0	0	201,848	0	201,848
Total	441,100	0	0	441,100	0	441,100

5.3 Ex-ante vs Ex-post ERR Comparison

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
01-Jan-2022 to 31-Dec- 2022	265,391.97	239,252	9.84%	The difference between the ex-ante estimated reductions and achieved reductions was because of the interannual variability: less wind – effects produced by climate change on the region's wind patterns.
01-Jan-2023 to 31-Dec-2023	265,391.97	201,848	23.94%	
Total	530,783.54	441,100	16.89%	

Date: 26/11/2024

VERIFIT Colombia S.A.S.



Ricardo Lopes

Managing Director (Final approver)



ISO/IEC 17029:2019
23-OVV-003

APPENDIX I: COMMERCIALLY SENSITIVE INFORMATION

There is no commercially sensitive information included in the monitoring report to be excluded in the public version.

APPENDIX II: REFERENCES

No.	Title	References
1.	<u>Methodology</u> ACM0002 – Grid-connected electricity generation from renewable sources	Version 17.0
2.	<u>Tools</u> 1. TOOL01: Tool for the demonstration and assessment of additionality; 2. TOOL07: Tool to calculate the emission factor for an electricity system; 3. TOOL05: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation	Version 7.0.0 Version 05.0; Version 03.0
3.	Registered VCS-PD	Version 3.1 29/05/2020
4.	Monitoring report – draft / revised	Version 1 22/07/2024 Version 1.1 29/08/2024
5.	Monitoring report - final	version 1.2 29/08/2024
6.	ER Spreadsheet – draft / revised	version 1
7.	ER Spreadsheet – final	version 1.2
8.	<u>Technical information</u> 1. 16_Turbines V112_Larimar I 2. 17_Turbines V117_Larimar II 3. Larimar I: Type Certificate of wind turbine Vestas V112-3.3MW/V112-3.45MW # TC-230903-A-2 issued by DNV 4. Larimar II: Type Certificate of wind turbine Vestas V117-3.3MW/V117-3.45MW # TC-DNV-DSS-904-00820-1230903-A-2 issued by DNV	03/09/2014 20/09/2014 16/04/2015 08/10/2015
9.	<u>Start date of project activity</u> 1. Electricity Purchase Contract # FM-CO-14-2016 establishing the Start date of electricity purchase signed between EGE Haina and Corporación Dominicana de Empresas Electricas Estatales (CDEEE), stating that the Contract will start from 01/08/2016 2. Operatinal start date of Larimar I: Resolution SIE-053-2016-PS issued by Electricity Superintendence 3. Operatinal start date of Larimar II: Resolution SIE-092-2018-PS issued by Electricity Superintendence	25/07/2016 22/07/2016 11/10/2018
10.	<u>Ownership of PA</u> - Larimar Concession Decree – Larimar I - 0313	25/04/2016

	- Larimar Concession Decree – Larimar II – 66-18	18/09/2018
11.	<u>Lifetime</u> - Larimar I: Type Certificate of wind turbine Vestas V112-3.3MW/V112-3.45MW # TC-230903-A-2 issued by DNV - Larimar II: Type Certificate of wind turbine Vestas V117-3.3MW/V117-3.45MW # TC-DNV-DSS-904-00820-1230903-A-2 issued by DNV	16/04/2015 08/10/2015
12.	<u>Connection Point to National Grid System</u> Resolution SIE-024-2016-PS PROVISIONAL issued on 03/05/2016 by Electricity Superintendence	30/03/2017
13.	<u>Environmental License</u> - Environmental Permit of Larimar I Wind Farm # 2597-15-RENOVADO, issued by Ministry of Environment and Natural Resources (MIMARENA) - Environmental Permit of Larimar II Wind Farm # 3103-16-RENOVADO, issued by Ministry of Environment and Natural Resources (MIMARENA)	25/06/2020 valid for 5 years 17/03/2022 valid for 5 years
14.	<u>No Net Harm:</u> - Larimar I: Environmental Compliance Report (ICA) issued by EGE Haina to MIMARENA. These reports are issued every 6 months and are part of environmental permit requirements. - Larimar II: Environmental Compliance Report (ICA) issued by EGE Haina to MIMARENA. These reports are issued every 6 months and are part of environmental permit requirements.	Every 6 months
15.	<u>Applicable legislation</u> - Law # 57-07 regarding Development of renewable energy sources - General Electricity Law 125-01, articles 342, 343, 344 and 345, regarding Calibration of electricity meters - Law 64-00 General Law on the environment and natural resources - Article 44 Regarding the environmental licensing - National regulation regarding calibration frequency: See Ley General de Electricidad. Número 125-01. Document: Reglamento.Ley_.No_.125-01 .pdf (See Article 342 – literal b.)	July/2012 18/08/2000 https://www.cne.gob.do/wp-content/uploads/2015/05/Reglamento.Ley_.No_.125-01.pdf
16.	<u>Electricity Generation evidences</u> - Hourly report extracted directly from ION electricity meters (Schneider Electric ION Setup. Continuous monitoring and recording every 15 minutes. - PrimeRead	2022 to 2023
17.	<u>Cross-check information</u>	

	1. National Electric System Coordinator – OC. Steps: Economic Transaction Reports, Monthly Report, choose the year, 12. December, download zip, 10 Inyecciones x Centrales – Energy year number – spreadsheet, “TD InyFisicas Centrales” tab. 2. 10 Inyecciones x Centrales - Energía 2022 3. 10 Inyecciones x Centrales - Energía 2023	https://www.oc.org.do/Informes/Administraci%C3%B3n-del-MEM/Transacciones-Econ%C3%B3micas-y-C%C3%A1lculos-Comerciales/EntryId/174880 <u>2022</u> <u>2023</u>
18.	<u>On site Evidences</u> - Pictures of wind turbines - Pictures of installed electricity meters - Pictures of unifilar diagram - Real time video extracting generation raw data - Real time video checking the electricity meters serial number - Real time video checking the installed wind turbines and its specifications	15/08/2024
19.	<u>Geographical location of Power Plant</u> 1. The geographical location of WTG01 of both plants have been plotted in Google Maps, which could be evidenced through following link. <u>Larimar I 1st wind turbine</u> https://www.google.com.br/maps/place/17%C2%B055'49.0%22N+71%C2%B016'17.2%22W/@17.9302661,-71.2736267,886m/data=!3m2!1e3!4b1!4m5!3m4!1s0x0:0xea0c03c9ed857036!8m2!3d17.9302661!4d-71.271438?hl=pt-BR <u>Larimar II 1st Wind turbine</u> https://www.google.com.br/maps/place/17%C2%B054'20.7%22N+71%C2%B013'32.5%22W/@17.908156,-71.2347729,5794m/data=!3m1!1e3!4m5!3m4!1s0x0:0xcd751ef0eb49e63!8m2!3d17.9057542!4d-71.2256948?hl=pt-BR 2. The Unit conversion from UTM to geographical coordinates have been carried out through website from DPI/INPE (http://www.dpi.inpe.br/calcula/)	-
20.	<u>Grievance Mechanism</u> 1. Grievance mechanism Procedure – L-L104 Procedimiento Reclamaciones Rurales Parque Eolicos.pdf	15/05/2018

	2. 2.1.4 Grievance Redress Procedure 2022-2023 _ Solicitudes municipio Enriquillo 2022 - 2023	2022 and 2023
21.	<u>Calibration Certificates</u> - Calibration certificates provided by OC ACM-0028-2020 PARQUE EOLICO LARIMAR G10 ACM-0029-2020 PARQUE EOLICO LARIMAR G20 - Email received from OC (System Operator) from Vaduy Cruz <vcruz@oc.org.do> on 30/08/2024 regarding the accuracy of measurements even with calibration delays. (Correo _ Solicitud Información Calibración de los medidores SMC PE Larimar 1 & 2)	25/02/2020 25/02/2020 30/08/2024
22.	CDM validation and verification standard for project activities	Version 3.0
23.	IPCC publications	https://www.ipcc-nggip.iges.or.jp/public/2006gl/
24.	VCS - VCS Standard V.4.7 - VCS Program Guide V.4.4 - APRIL 2024 OVERVIEW OF VCS PROGRAM UPDATES AND EFFECTIVE DATES	https://verra.org/
25.	GHG Programmes searched for double-counting https://cdm.unfccc.int/Projects/projsearch.html https://projects.globalcarboncouncil.com/ https://registry.goldstandard.org/projects?q=&page=1 https://globalcarbontrace.io/projects https://acrcarbon.org/registry/ https://www.ecoregistry.io/projects-list/cercarbono-co2	08/2024
26.	Brochure Larimar EH	07/2024
27.	EVENTOS 2022-2023 LARIMAR 1 Y 2 / Requests from the municipality of Enriquillo 2022 – 2023	2022-2023
28.	- Sustainability Reports 2022 - Sustainability Reports 2023	2022 2023
29.	Wind Farm Risk Matrix spreadsheet	-
30.	- Informe de Cumplimiento Ambiental (ICA) / Environmental Compliance Report 2022 - Informe de Cumplimiento Ambiental (ICA) / Environmental Compliance Report 2023	2022 2023
31.	Environmental Impact Declaration for both Wind Farms:	2014

	DIA -Declaración Impacto Ambiental - Parque Eólico Larimar I DIA - Declaración Impacto Ambiental - Parque Eólico Larimar II	
32.	Larimar I - Lease contract; - Title certificate Larimar II - Lease contract; - Title certificate	17/12/2015 03/02/2016 20/05/2016 31/07/2019
33.	<u>Stakeholder documents</u> - Comité de Donaciones y Patrocinios / Donations and Sponsorships Committee - GES-RC-0001 Reglamento del Comité de Donaciones y Patrocinios / Regulations of the Donations and Sponsorships Committee 230.02 Gestión de Donaciones y Patrocinios / Donation and Sponsorship Management 200.02.03 Gestión de Quejas y Reclamos / Complaints and Claims Management 02-160-TAL-0005 Política de Derechos Humanos Diversidad e Inclusión / Human Rights Policy Diversity and Inclusion 03-070-LEG-0002 Procedimiento de Reclamaciones Rurales Parques Eólicos / Wind Farm Rural Claims Procedure	2022 05/07/2024 05/07/2024 N/A 27/11/2023

APPENDIX III: ABBREVIATIONS

Abbreviations	Full texts
BE	Baseline Emission
CA	Corrective Action / Clarification Action
CAR	Corrective Action Request
CDEEE	Dominican Corporation of State Electrical Companies
CDM	Clean Development Mechanism
CNE	National Council of Energy
CO ₂	Carbon dioxide
CO _{2e}	Carbon dioxide equivalent
CL	Clarification Request
DIA	Environmental Impact Declaration
DOE	Designated Operational Entity
ER	Emission Reduction
Verifit	Verifit Colombia SAS
FAR	Forward Action Request
GHG	Greenhouse gas(es)
ICA	Environmental Compliance Report
MIMARENA	Ministry of Environment and Natural Resources of Dominican Republic
MP	Monitoring Plan
MR	Monitoring Report
OC-SENI	Coordinator Organism (National Electric System Operator)
PA	Project Activity
PBA	Environmental Basic Project
PE	Project Emission
PP	Project Participant
QA/QC	Quality Assurance / Quality Control
SDG	United Nations' Sustainable Development Goals
SENI	Dominican Republic National Interconnected System
SPC	Special Purpose Company
UNFCCC	United Nations Framework Convention on Climate Change

VCS	Verified Carbon Standard
VCS-PD	VCS – Project Description
VCU	Verified Carbon Unit
VVB	Validation and Verification Body
XLS	Emission Reduction Calculation Spread Sheet
WPP	Wind Power Plant
WPT	Wind Power Turbine

APPENDIX IV: FINDINGS

CL from this verification

CL	01	Potential impact in the declaration: medium
Description		Date: 16/08/2024
MR section 1.7: Not clear how the crediting period has been determined as 10 years renewable once and nor where this information has been taken from.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
MR section 1.7 has been updated clarifying the selected crediting period according to VCS PD (applied with VCS Standard (version 3.6)).		
Documents provided		
1 - VCS Larimar MR_v1.1.doc (page 7)		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
The information about the crediting period was correctly revised in the VCS Larimar MR_v1.1, section 1.7. It is confirmed by verification team that the information is now in accordance with valid version of PD.		
<u>CL is closed.</u>		

CL	02	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.1.1:		
1. Stakeholders' identification: not clear whether the processes used to identify stakeholders impacted by the project is applicable to the project activity. Moreover, the list of stakeholders identified is not complete. 2. Legal or customary tenure/access rights: a. the information is not provide as required by the instructions for completing the template, where it is being requested whether there is any <i>legal or customary tenure/access rights to territories and resources, including collective and conflicting rights, held by stakeholders, indigenous people (IPs), local communities (LCs), and customary rights holders.</i> b. Not clear which evidence have been used for the propriety title certificates. 3. Location of stakeholders: not clear whether the stakeholders live within the project activity area. 4. Location of resources: not clear whether their resources are located inside the project area.		

Answer 1: <i>Answer from PP</i>	Date: 02/09/2024
MR Section 2.1.1 1. Stakeholders' identification: The stakeholder identification process is clearly described, and the identified stakeholders are listed. 2. Legal or customary tenure/access rights: a. the information is updated following the instructions for completing the template. b. The evidence used for the property title certificates are shared in file 2 - LEGAL (excel sheet - Larimar Land Breakdown.xls). 3. Location of stakeholders: it is clearly described where the stakeholders are located according to the Environmental Impact Statement - DIA. 4. Location of resources: According to the Environmental Impact Statement - DIA, the resources that could be directly affected in the project area correspond to agricultural and livestock lands that, considering the conditions of the leases, such activities can continue to be carried out on those lands.	
Documents provided	
1 - VCS Larimar MR_v1.1.doc Folder: 2 - LEGAL Larimar Land Breakdown.xls DIA LARIMAR I: Declaración Impacto Ambiental - Parque Eólico Larimar I.pdf DIA LARIMAR II: Declaración Impacto Ambiental - Parque Eólico Larimar II.pdf	
Assessment 1: <i>Assessment from val/ver team</i>	Date: 17/09/2024
1. The stakeholder identification process was correctly described in the VCS Larimar MR_v1.1, section 2.1.1, but it is still not clear what is the list of stakeholders identified in this section, unlike required by instructions for completing the MR. <u>Issue remains open.</u> 2. a. The information regarding legal, customary tenure/access rights was correctly revised in the VCS Larimar MR_v1.1., section 2.1.1. b. The information about the evidence used for the propriety title certificates was correctly revised in the VCS Larimar MR_v1.1, section 2.1.1. 3. The location of stakeholders was correctly revised in the VCS Larimar MR_v1.1, section 2.1.1. 4. It is clear to the verification team, through evidence provided, that the project activity is located in either Ege Haina Lands and in leased lands. Moreover, according to the Environmental Impact Declaration (DIA), most of the inhabitants from the project area have been displaced by local government on the years of 1980-1990 and only a few inhabitants remained. Still according to DIA, there are still some agricultural practices, but they do not live in the area. Therefore, it could be confirmed that the information provided at the MR is accurate. <u>CL remains open due to item 1 above.</u>	
Answer 2: <i>Answer from PP</i>	Date: 16/10/2024
In section 2.1.1 of version 1.2 of the Monitoring Report, the stakeholders identified for the area of influence of the Larimar I and Larimar II projects are listed (page 18).	
Documents provided	

1 - VCS Larimar MR_v1.2.doc	
Assessment 2: <i>Assessment from val/ver team</i>	Date: 25/10/2024
The list of stakeholders was correctly inserted in the section 2.1.1 of the Monitoring Report, version 1.2.	
<u>CL is closed.</u>	

CL	03	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.1.2:		
1. Ongoing consultation: the process of ongoing communication applied during the current monitoring period has not been duly explained as required by instructions for completing the MR 2. Communication of monitored results: the communication related to the project results have not been mentioned in the MR. 3. Consultation records: no consultation records have been mentioned in the MR. 4. Stakeholders input: no information achieved during the monitoring period have been detailed in this section.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
MR section 2.1.2:		
1. Ongoing consultation: the process of ongoing communication applied during the current monitoring period has been explained as required by instructions for completing the MR 2. Communication of monitored results: the communication related to the project results are described in the updated MR version 1.1. 3. Consultation records have been updated in the MR version 1.1. 4. Stakeholders input: Considering the company's guidelines, the information achieved during the monitoring period has been detailed in this section.		
Documents provided		
1 - VCS Larimar MR_v1.1.doc		
Folder: COMITE DE DONACIONES		
GES-RC-0001 Reglamento del Comité de Donaciones y Patrocinios.pdf		
230.02 Gestión de Donaciones y Patrocinios.pdf		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
1. The information about ongoing consultation was correctly revised in the VCS Larimar MR_v1.1, section 2.1.2. Evidence have been duly provided to the verification team. 2. The communication of monitored results was correctly revised in the VCS Larimar MR_v1.1, section 2.1.2. Evidence have been duly provided to the verification team.		

3. The consultation records was correctly revised in the VCS Larimar MR_v1.1, section 2.1.2. Evidence have been duly provided to the verification team.
4. Stakeholders input was correctly revised in the VCS Larimar MR_v1.1, section 2.1.2. Evidence have been duly provided to the verification team.

CL is closed.

CL	04	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR sections 2.1.3, 2.1.4, 2.1.5, 2.3.5, 2.4.1, 2.4.2, 2.4.3: justification on why these sections are not applicable in the monitoring period have not been provided unlike required by the instructions for completing the MR.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
MR sections 2.1.3, 2.1.4, 2.1.5, 2.3.5, 2.4.1, 2.4.2, 2.4.3: have been justified as required by the instructions for completing the MR.		
Documents provided		
1 - VCS Larimar MR_v1.1.doc (Sections 2.1,2.3,2.4) 05-200-SOS-0001 Formulario de Reclamos.pdf 200.02.03 Gestión de Quejas y Reclamos.pdf GES-RC-0001 Reglamento del Comité de Donaciones y Patrocinios.pdf 230.02 Gestión de Donaciones y Patrocinios.pdf 03-070-LEG-0002 Procedimiento de Reclamaciones Rurales Parques Eólicos.pdf 2.1.4 Grievance Redress Procedure 2022-2023 _ Solicitudes municipio Enriquillo 2022 – 2023.xls DIA LARIMAR I: Declaración Impacto Ambiental - Parque Eólico Larimar I.pdf (page 96) DIA LARIMAR II: Declaración Impacto Ambiental - Parque Eólico Larimar II.pdf (page 130)		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
1. The justification in the sections 2.1.3, 2.1.4, 2.1.5, 2.4.3 were correctly revised in the VCS Larimar MR_v1.1. <u>Issue is closed.</u> 2. It is still not clear that the project has not adversely impacted habitats for rare, threatened, or endangered species during the monitoring period and there is no evidence to demonstrate it, section 2.4.1 of VCS Larimar MR_v1.1. <u>Issue remains open.</u> 3. Section 2.4.2: in the 1st paragraph, it is stated that there is introduction of species, however in the 3rd column, it has been mentioned that the species have not been introduced due to the project activity. Therefore, information is not coherent in both places. <u>Issue remains open.</u>		
<u>Due to issues 2 and 3 above, this CL remains open.</u>		

Answer 2: <i>Answer from PP</i>	Date: 16/10/2024
1. To validate section 2.4.1, following up on the Environmental Management Plans – PMA and the Environmental Compliance Reports - ICAs of the Larimar I and Larimar II wind farms, it is evident for the monitoring period 2022-2023, that the project does not adversely affect habitats of rare, threatened or endangered species, since these monitoring and environmental compliance reports do not consider this component. 2. In section 2.4.2 it is confirmed that according to the provisions of the Environmental Impact Declaration - DIA and Environmental Management Plan - PMA of the Larimar I and Larimar II wind farms, it is evident that no introduction of species occurred due to the effects of the development of the project. On page 546 of the Larimar I DIA document, and on page 69 of the Larimar II DIA, it refers to Introduced species: "species that are not native to the Island, but which for unnatural reasons such as releases and escapes, are present in wild areas where they can even reproduce."	
Documents provided	
1 - VCS Larimar MR_v1.2.doc DIA LARIMAR I: Declaración Impacto Ambiental - Parque Eólico Larimar I.pdf DIA LARIMAR II: Declaración Impacto Ambiental - Parque Eólico Larimar II.pdf PMAA Larimar 1.pdf PMAA Larimar 2.pdf ICAs folders – ICA Larimar I and ICA Larimar II	
Assessment 1: <i>Assessment from val/ver team</i>	Date: 25/10/2024
2. It was correctly revised in the section 2.4.1 of the Monitoring Report, version 1.2, that the project does not adversely affect habitats of rare, threatened or endangered species. 3. It was correctly revised in the section 2.4.2 of the Monitoring Report, version 1.2, that there was no introduction of species due to the project. <u>CL is closed.</u>	

CL	05	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.2: 1. Risk to working conditions: information is not accurate as it says that no risks have been identified whereas a risk list have been provided in the 2nd column.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024

MR section 2.2:

Risk to working conditions: the information has been adjusted to be consistent with what is stated in the second column of risk information

Documents provided

1 - VCS Larimar MR_v1.1.doc

Assessment 1: *Assessment from val/ver team*

Date: 17/09/2024

Risk to working conditions was correctly revised in VCS Larimar MR_v1.1. Information presented is reliable.

CL is closed.

CL	06	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.3.1:		
1. Management experience: the information provided does not correspond to the template instructions where it is being required the following: "If a new entity is now involved in project design or implementation, demonstrate the management experience of such entities".		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
MR section 2.3.1:		
Management experience: the information was updated to match the requirements of the instructions template.		
For the case of Larimar Wind Farm, this section is Not Applicable - NA because there is no new entity involved in project design or implementation other than EGE Haina.		
Documents provided		
1 - VCS Larimar MR_v1.1.doc		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
The management experience information it was correctly revised in VCS Larimar MR_v1.1, section 2.3.1.		
<u>CL is closed.</u>		

CL	07	Potential impact in the declaration: low
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Description	Date: 16/08/2024
MR section 2.3.2: 1. The section has not been completed in accordance with template instructions and no justification has been provided	
Answer 1: <i>Answer from PP</i>	Date: 02/09/2024
MR section 2.3.2: This section has been completed by adding the justification in accordance with template instructions EGE Haina promotes a culture of respect for diversity and equal growth opportunities for all its staff, guaranteeing fair and dignified treatment for all people, as an essential value and pillar of the institutional culture. Throughout all its activities, the company has the firm conviction of fulfilling its responsibility to respect and promote applicable standards regarding human rights, fundamental freedoms and standards of conduct. In this sense, the company has its “Human Rights Diversity and Inclusion Policy” and faithfully complies with the current laws of the Republic.	
Documents provided	
1 - VCS Larimar MR_v1.1.doc Human Rights Diversity and Inclusion Policy: 02-160-TAL-0005 Política de Derechos Humanos Diversidad e Inclusión (1).pdf	
Assessment 1: <i>Assessment from val/ver team</i>	Date: 17/09/2024
The human rights information was correctly revised in the VCS Larimar MR_v1.1, section 2.3.2. <u>CL is closed.</u>	

CL	08	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.3.3:		
1. No evidence has been provided to demonstrate that the project activity does not affect indigenous People and Cultural Heritage.		
Answer 1: Answer from PP		Date: 02/09/2024
MR section 2.3.3:		
Evidence has been shared to demonstrate that the project activity does not affect		

1. indigenous People – because There is no longer a presence of these groups in Dominican territory (National Geographic, 2019).

2. Cultural Heritage: For the specific area where the project would be located, no documented reference was found on archaeological findings (See DIA documents for each Wind farm)

Documents provided

1 - VCS Larimar MR_v1.1.doc

Indigenous: <https://www.nationalgeographic.es/historia/2019/10/los-supervivientes-tainos-de-un-genocidio-sobre-el-papel#:~:text=Los%20ta%C3%ADnos%20fueron%20declarados%20extintos,el%20Caribe%20despu%C3%A9s%20de%201802.>

Cultural heritage – Environmental Impact Statement -DIA:

DIA LARIMAR I: Declaración Impacto Ambiental - Parque Eólico Larimar I.pdf (page 96)

DIA LARIMAR II: Declaración Impacto Ambiental - Parque Eólico Larimar II.pdf (page 130)

Assessment 1: Assessment from val/ver team

Date: 17/09/2024

According to evidence provided above, it can be concluded that there is no indigenous land legally determined in Dominican Republic. As per DIA (Environmental Impact Declaration) from Larimar I and Larimar II, the population living on the area have mostly Catholic, Evangelic or African cultures. The proprieties where the project activity has been installed are private and are not community areas.

Regarding cultural heritage, the DIA reports indicated that there have been no archaeological findings in the project region.

Information has been duly mentioned in the MR.

CL is closed.

CL	09	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.3.4:		
1. Disputes over rights to territories and resources: It has not been concluded whether there are any disputes over rights to territories and resources in the project area.		
Answer 1: Answer from PP		Date: 02/09/2024
MR section 2.3.4:		
For disputes over rights to territories and resources it has been concluded that since the beginning of the project there have been no disputes over rights to territories and resources in the project area.		

Documents provided	
1 - VCS Larimar MR_v1.1.doc	
03-070-LEG-0002 Procedimiento de Reclamaciones Rurales Parques Eólicos.PDF	
Assessment 1: <i>Assessment from val/ver team</i>	Date: 17/09/2024
The information about property right was correctly revised in the section 2.3.4 of VCS Larimar MR_v1.1.	
<u>CL is closed.</u>	

CL	10	Potential impact in the declaration: low
Description		Date: 16/08/2024
MR section 2.4:		
1. Usage of fertilizers: not clear why no evidence of risk with use of fertilizers have been obtained.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
Considering the nature of the project - Wind project, the non-use of Fertilizers is validated.		
Environmental declarations/statements such as DIA and ICA do not evidence its use.		
Documents provided		
DIA LARIMAR I: Declaración Impacto Ambiental - Parque Eólico Larimar I.pdf		
DIA LARIMAR II: Declaración Impacto Ambiental - Parque Eólico Larimar II.pdf		
Si ICAs folders – ICA Larimar I and ICA Larimar II		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
The information about usage of fertilizers was correctly revised in the section 2.4 of VCS Larimar MR_v1.1.		
<u>CL is closed.</u>		

CL	11	Potential impact in the declaration: medium
Description		Date: 16/08/2024
MR section 4.2 parameter, EG _{facility,y} : Not clear when the calibration of the electricity meters took place. Moreover, the evidence of compliance with monitoring plan have not been provided.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024

MR section 4.2 parameter EG_{facility,y} It specifies when the calibration of the electricity meters took place.

In addition, evidence is presented to support that the delay in the contrast/calibration does not generate errors in commercial measurements, seeking to be in compliance with the monitoring plan.

Documents provided

1 - VCS Larimar MR_v1.1.doc

Official OC-SENI email: Correo _ Solicitud Información Calibración de los medidores SMC PE Larimar 1 & 2.pdf

Memo Style No. 2 - Contraste SMC LARIMAR I y II 2024.pdf

ACM-0029-2020 PARQUE EOLICO LARIMAR G20.pdf

ACM-0028-2020 PARQUE EOLICO LARIMAR G10.pdf

ACM-0018-2018 PARQUE EOLICO LARIMAR G10.pdf

ACM-0019-2018 PARQUE EOLICO LARIMAR G20.pdf

Assessment 1: Assessment from val/ver team

Date: 17/09/2024

The calibration certificates have been provided to verification team and duly reported in the MR. The following calibration certificates have been provided that are valid for the current monitoring period:

1. Larimar I:

- a. G10: Main meter Serial: MW-1507A003-02 dated on 25/02/2020 and valid until 24/02/2022 as per valid monitoring plan.
- b. G10: Main meter Serial: MW-1507A004-02 dated on 25/02/2020 and valid until 24/02/2022 as per valid monitoring plan.

2. Larimar II:

- a. G20: Main meter Serial: MW-1507A001-02 dated on 25/02/2020 and valid until 24/02/2022 as per valid monitoring plan.

b. G20: Main meter Serial: MW-1507A009-02 dated on 25/02/2020 and valid until 24/02/2022 as per valid monitoring plan. Moreover, an e-mail from OC have been provided stating that no error is expected from measurements from delayed calibration. However, considering that the monitoring plan states that calibration is to be conducted every two years, how the PP ensures that the calibration procedures followed VCS standard, section 3.16.5, where it is stated that "Where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment's specifications and/or relevant national or international standards".

CL remains open.

Answer 2: Answer from PP

Date: 16/10/2024

For this monitoring period from 01/01/2022 to 31/12/2023 a calibration for the main and backup meters was required for 25/02/2022. For this reason, the project generation data from

25/02/2022 to 31/12/2023 reported for this monitoring report is penalized by a percentage of 0.2%, the maximum permissible error of the meters.

The above is applied in order to comply with what is established in the monitoring plan that states that calibration is to be conducted every two years. In addition to ensuring that the calibration procedures followed VCS standard, section 3.16.5, where it is stated that "Where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment's specifications and/or relevant national or international standards"

Documents provided

1 - VCS Larimar MR_v1.2.doc

ER_LARIMAR_2022-2023_v1.2.xls

Assessment 2: Assessment from val/ver team

Date: 25/10/2024

The discount of 0.2% it was correctly applied for the period with lack of calibration (25/02/2022-31/12/2023).

CL is closed.

CL	12	Potential impact in the declaration: high
Description		Date: 16/08/2024
MR section 4.2 parameter $EG_{facility,y}$: Considering that the electricity meter is not located at the System boundary (i.e, measurements not carried out at the same voltage as they are being dispatched to the Grid), it is not clear whether the measurements considered in the calculations are conservative and determined in accordance with TOOL05.		
Answer 1: Answer from PP		Date: 02/09/2024
MR section 4.2 parameter $EG_{facility,y}$:		
It is explained that the measurements occurs at 34.5kv and must go to the 138kv bar of the Cocos substation (138/34.5kv), thus a mathematical arrangement validated by the coordinating body OC-SENI is applied to the measurements, and automatically fixed to the measurement reported by the Commercial Meters SMC1 and SMC2. In this context, it can be validated that the calculations are conservative and determined in accordance with TOOL05.		
Documents provided		
1 - VCS Larimar MR_v1.1.doc		
08.OC-000592.pdf		
Folder: ARREGLO MATEMATICO formulación Larimar-Los Cocos		
Assessment 1: Assessment from val/ver team		Date: 17/09/2024
The section 4.2 VCS Larimar MR_v1.1 was correctly revised about the mathematical arrangement. It is confirmed and well explained during the on-site inspection, that in order to consider the losses between the meter's substation (34.5Kv Lines) and the 138kv bar of the		

Cocos substation (Grid delivery Substation), a mathematical arrangement is automatically carried out and duly validated by the electricity operator (OC-SENI). The verification team observed that the net electricity generated is calculated by measuring the gross electricity in 34.5Kv Lines then accounting the transmission and transformation losses. The net electricity considered is then compared to the public available net electricity exported and the smaller (more conservative) values are used in the ER calculations spreadsheet.

Evidence of raw data download, gross-to-net calculation and cross check information have been duly provided to the verification team and it is confirmed that the electricity values applied in the calculations have been determined in accordance with TOOL05 requirements.

CL is closed.

CL	13	Potential impact in the declaration: medium
Description		Date: 16/08/2024
MR section 4.3: information regarding calibration dates on 2022 have been provided. However, it is not explained whether these calibrations have been conducted.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
MR section 4.3: it is clarified that in 2022, the meter contrasts/calibrations were not carried out for reasons of force majeure. The coordinating body OC-SENI, which is responsible by national regulation for carrying out these verifications, saw its posthumous operation affected by the inconveniences that the pandemic may have caused, which meant that these calibrations were postponed to the second half of 2024. Supports to counteract this inconvenience are presented below.		
Documents provided		
1 - VCS Larimar MR_v1.1.doc		
Official OC-SENI email: Correo _ Solicitud Información Calibración de los medidores SMC PE Larimar 1 & 2.pdf		
Memo Style No. 2 - Contraste SMC LARIMAR I y II 2024.pdf		
ACM-0029-2020 PARQUE EOLICO LARIMAR G20.pdf		
ACM-0028-2020 PARQUE EOLICO LARIMAR G10.pdf		
ACM-0018-2018 PARQUE EOLICO LARIMAR G10.pdf		
ACM-0019-2018 PARQUE EOLICO LARIMAR G20.pdf		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
The calibration certificates still do not cover the entire monitoring period despite of the pandemic issues. Therefore, considering that the monitoring plan states that calibration is to be conducted every two years, it is not clear how the PP ensures that the calibration procedures followed VCS standard, section 3.16.5, where it is stated that "Where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment's specifications and/or relevant national or international standards".		

<u>CL remains open.</u>	
Answer 2: <i>Answer from PP</i>	Date: 16/10/2024
For this monitoring period from 01/01/2022 to 31/12/2023 a calibration for the main and backup meters was required for 25/02/2022. For this reason, the project generation data from 25/02/2022 to 31/12/2023 reported for this monitoring report is penalized by a percentage of 0.2%, the maximum permissible error of the meters. The above is applied in order to comply with what is established in the monitoring plan that states that calibration is to be conducted every two years. In addition to ensuring that the calibration procedures followed VCS standard, section 3.16.5, where it is stated that “Where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment’s specifications and/or relevant national or international standards”	
Documents provided	
1 - VCS Larimar MR_v1.2.doc ER_LARIMAR_2022-2023_v1.2.xls	
Assessment 2: <i>Assessment from val/ver team</i>	Date: /2024
The discount of 0.2% it was correctly applied for the period with lack of calibration (25/02/2022-31/12/2023).	
<u>CL is closed.</u>	

Table 3: CARs opened during the current validation/verification process

CAR	01	Potential impact in the declaration: Low
Description		Date: 16/08/2024
The VCS Standard applied in the monitoring report is not the latest available version in the VERRA website.		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
The VCS standard version applied in the monitoring report has been updated to 4.7 which is the latest available		
Documents provided		
1 - VCS Larimar MR_v1.1.doc		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024

The VCS Standard version was correctly revised in the VCS Larimar MR_v1.1.

CAR is closed.

CAR	02	Potential impact in the declaration: Low
Description		Date: 14/08/2024
MR section 1.12: the values monitored for the parameter SDG 8 have not been reported in the MR, nor evidence have been provided. Moreover, the parameter mentioned (hours of training and jobs) is not in accordance with parameter description (Indicator 8.5.1 Average hourly earnings of female and male employees, by occupation, age and persons with disabilities).		
Answer 1: <i>Answer from PP</i>		Date: 02/09/2024
MR section 1.12: the values for the parameter SDG 8 have been reported in the MR, In the other hand, the parameters related to each SDG and its indicators have been reviewed and updated in accordance with parameter description (see SDG table 5, of updated MR)		
Please refer to the excel file - Training Hours Record 2022 - 2023": Please provide a summary of the training provided by the Safety, Health and Environment area.		
Documents provided		
1 - VCS Larimar MR_v1.1.doc		
Registro de Horas de Entrenamientos 2022 - 2023.xls		
Assessment 1: <i>Assessment from val/ver team</i>		Date: 17/09/2024
The indicator 8.5.2 claimed by the project proponents corresponds to the "Number of jobs generated" which is coherent with UN SDGs indicator (Indicator 8.5.2 - Unemployment rate, by sex, age and persons with disabilities). Evidence of the indicator's achievement have been duly provided to the verification team.		
The indicator 8.8.1 claimed by the project proponents corresponds to the "Number of hours of training on health and safety at work to avoid fatal and non-fatal occupational injuries" which is coherent with UN SDGs indicator (Indicator 8.8.1 - Fatal and non-fatal occupational injuries per 100,000 workers, by sex and migrant status). Evidence of the indicator's achievement have been duly provided to the verification team.		
Verification team considers that the SDGs claimed by the project activity are aligned with UN SDGs as reported in the MR.		
<u>CAR is closed.</u>		

CAR	03	Potential impact in the declaration: high
Description		Date: 16/08/2024
Section 4.2, parameter EG _{facility} :		

1. it has been informed that no calibration has been conducted during the monitoring period. However, it is being requested to explain how the lack of calibration complies with monitoring plan where it is said that calibration is to be performed every two years.
2. Monitoring equipment: as required by instructions for completing the MR, identification of meters including serial number of equipment have not been provided.

Answer 1: Answer from PP

Date: 02/09/2024

Section 4.2, parameter EG_{facility}:

1. It is confirmed that no calibration has been conducted during the monitoring period. In addition, the reasons why the monitoring plan could not be fulfilled are explained (where it is said that calibration is to be performed every two years). Due to force majeure circumstances associated with the disturbance caused by the pandemic in the organization, the agency that is assigned this task by regulation, OC-SENI, could not meet the deadlines. However, it argues that the failure to perform the contrast test on energy meters does not compromise the safety of the commercial measurement of a SMC.
2. Monitoring equipment: the information of the measuring equipment is updated including serial number.

Documents provided

1 - VCS Larimar MR_v1.1.doc (section 4.2)

Official OC-SENI email: Correo _ Solicitud Información Calibración de los medidores SMC PE Larimar 1 & 2.pdf

Memo Style No. 2 - Contraste SMC LARIMAR I y II 2024.pdf

ACM-0029-2020 PARQUE EOLICO LARIMAR G20.pdf

ACM-0028-2020 PARQUE EOLICO LARIMAR G10.pdf

ACM-0018-2018 PARQUE EOLICO LARIMAR G10.pdf

ACM-0019-2018 PARQUE EOLICO LARIMAR G20.pdf

Assessment 1: Assessment from val/ver team

Date: 17/09/2024

The calibration certificates still do not cover the entire monitoring period despite of the pandemic issues.

Therefore, considering that the monitoring plan states that calibration is to be conducted every two years, it is not clear how the PP ensures that the calibration procedures followed VCS standard, section 3.16.5, where it is stated that "Where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment's specifications and/or relevant national or international standards".

CAR remains open.

Answer 2: Answer from PP

Date: 16/10/2024

For this monitoring period from 01/01/2022 to 31/12/2023 a calibration for the main and backup meters was required for 25/02/2022. For this reason, the project generation data from

25/02/2022 to 31/12/2023 reported for this monitoring report is penalized by a percentage of 0.2%, the maximum permissible error of the meters.

The above is applied in order to comply with what is established in the monitoring plan that states that calibration is to be conducted every two years. In addition to ensuring that the calibration procedures followed VCS standard, section 3.16.5, where it is stated that “Where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment’s specifications and/or relevant national or international standards”.

Documents provided

1 - VCS Larimar MR_v1.2.doc

ER_LARIMAR_2022-2023_v1.2.xls

Assessment 2: *Assessment from val/ver team*

Date: /2024

The discount of 0.2% it was correctly applied for the period with lack of calibration (25/02/2022-31/12/2023).

CAR is closed.

APPENDIX V: COMPETENCE OF TEAM MEMBERS AND TECHNICAL REVIEWERS

Competence Statement	
Name	Marcelo Sebben
Country	Brazil
Education	M.Sc. (Sustainable Energy System) B. Eng. (Chemical Engineering)
Experience	+12.5 Years
Field	Chemical process industry, CDM, Energy, Climate Change
Approved Roles	
Team Leader	Yes
Validator	Yes
Verifier	Yes
Local expert	Colombia, Brazil, Chile, Dominican Republic
Technical Reviewer	Yes
TA Expert	1.1, 1.2, 3.1, 13.1

Competence Statement	
Name	Camila Kamimura
Country	B.Sc. Environmental Engineer
Education	9+ years
Experience	Environmental Management
Field	Camila Kamimura
Approved Roles	
Team Leader	No
Validator	No
Verifier	No
Trainee	Yes
Local expert	Brazil
Technical Reviewer	No
TA Expert	No

Competence Statement	
Name	David Freire da Costa
Country	Brazil
Education	M.Sc. (Energy) B. Eng. (Chemical Engineering)
Experience	+20 Years
Field	Chemical process industry, CDM, Energy, Climate Change

Approved Roles	
Team Leader	Yes
Validator	Yes
Verifier	Yes
Local expert	Brazil, Honduras
Technical Reviewer	Yes
TA Expert	1.1, 1.2, 13.2