



Standards for a
Sustainable Future

LARIMAR WIND FARM PROJECT

Document Prepared By MGM Innova Consulting, LLC

Project Title	Larimar Wind Farm Project
Project ID	1644
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SD Contributions Reporting Period	01-August-2016 to 31-December-2019
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Prepared By	MGM Innova Consultitng, LLC
Contact	Address: 2 S. Biscayne Blvd. Suite 2610 Miami, FL 33131 USA Telephone: +574-3260584 Email: jcorrea@mgminnova.com Web site: https://www.egehaina.com/Centrales?name=Larimar

1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

Larimar Wind farm Project (hereafter referred to as the Project) is located in Enriquillo Region, Dominican Republic.

Larimar Wind Farm Project involves the implementation of two wind farms connected to the National Electrical Interconnected System of Dominican Republic. The wind farms are: (1) Larimar I which has 15 wind turbine generators with a total installed capacity of 49.5 MW¹ and (2) Larimar II which has 14 wind turbines generators with a total installed capacity of 48.3 MW². The 29 wind turbine generators allow an installed capacity of 97.8 MW, and an expected annual supply of electricity to the grid of 370 GWh with associated average annual emission reductions of 246,766 tCO₂; as it was assessed for registration purpose at validation time³.

	SDG7.2, <i>By 2030, increase substantially the share of renewable energy in the global energy mix.</i> Explanation: The project uses renewable wind resources to generate power electricity. The project has an installed capacity of 97.8 MW consisting of 29 wind turbines. The annual power delivered to the grid 314,650 MWh on average, that helps to increase the renewable energy participation in the national electricity grid.
	Explanation for SDG13., The scenario prior to the implementation of the project activity is that the same electricity was generated by the operation of fossil power plants. The project uses wind to generate electricity, which is zero CO₂ emissions. Therefore, the project is able to reduce CO₂ emissions.

¹ 15 wind turbines – Vestas 112 with 3.3 MW (49.5 MW)

² 14 wind turbines – Vestas 117 with 3.45 MW (48.3 MW)

³https://registry.terra.org/mymodule/ProjectDoc/Project_ViewFile.asp?FileID=22354&IDKEY=k98klasmf8jflkasf8098afna sfkj98f0a9sfsakjflsakjf8dj30826166

2 PROJECT CONTRIBUTIONS

Table 1 : Sustainable Development Contributions

Row number	SDG Target	SDG Indicator	Net Impact on SDG Indicator	Current Project Contributions	Contributions Over Project Lifetime
<i>Sequential row number</i>	<i>SDG Target number</i>	<i>Number and text of SDG indicator or, if no official SDG indicator is applicable, user-defined indicator</i>	<i>Indicate the project's contribution to the SDG Indicator (implemented activities to increase or decrease)</i>	<i>Brief description of the quantifiable impact of the project's activities related to the SDG indicator, during the project SDG contributions reporting period.</i>	<i>Brief description of the cumulative quantifiable impact of the project's activities related to the SDG indicator, over the project lifetime.</i>
1)	7.2	7.2.1 - Renewable energy share in the total final energy consumption	<i>Implemented activities to increase</i>	During this reporting period (01-Aug-2016 to 31-Dec-2019), the project with 29 wind turbines and an installed capacity of 48.3 MW contributed 810,517 MW ⁴ hours to the national grid.	During the project lifetime, the project with 29 wind turbines and an installed capacity of 48.3 MW contributed 810,517 MW hours to the national grid ⁵ .

⁴ See Monitoring Report of Larimar Wind Farm Project – ID1644 version 3 (1 - VCS-MR_Larimar v3_13 07 2020.pdf), issued on 13-July-2020.

⁵ For this case, as the first monitoring report is being reported, the current project contributions and contributions over project lifetime are the same.

Row number	SDG Target	SDG Indicator	Net Impact on SDG Indicator	Current Project Contributions	Contributions Over Project Lifetime
2)	13.0	User define the indicator: Tonnes of greenhouse gas emissions avoided or removed	<i>Implemented activities to increase</i>	By generating 810,517 MWh during the reporting period, Larimar Wind Farm Project has prevented the release of 581,384 ⁶ tonnes of carbon into the atmosphere.	Prevented the release of 581,384 tonnes of carbon into the atmosphere ⁷ .

⁶ See Appendix I of this SDG Report and Monitoring Report of Larimar Wind Farm Project – ID1644 version 3 ([1 - VCS-MR Larimar v3 13 07 2020.pdf](#)), issued on 13-July-2020.

⁷ For this case, as the first monitoring report is being reported, the current project contributions and contributions over project lifetime are the same.

APPENDIX 1: SUPPORTING EVIDENCE

Evidence for SDG 13.0.:

Current project contributions

The project has been registered as a VCS project in November 03, 2017, and the emission reductions from August 01, 2016 and December 31, 2019 have been verified and issued, showing the authenticity, availability and accuracy of the project (See Table 2).

The evidences for the installed capacity, electricity generation, and annual emission reductions were validated and verified by qualified third party, and the validation and verification report can be referenced in VERRA registry website: <https://registry.terra.org/app/projectDetail/VCS/1644>

Table 2 : GHG emission reductions verified during the first monitoring period

Year	Net GHG emission reductions or removals – current contributions (tCO ₂ e)
2016	50.655,20
2017	128.596,23
2018	176.431,67
2019	225.700,93
Total	581.384

Current project contributions over project lifetime (01-08-2016 to 31-12-2019)

Table 3 : GHG emission reductions over project lifetime

Year	Net GHG emission reductions or removals - project lifetime (tCO ₂ e)
2016	50.655,20
2017	128.596,23
2018	176.431,67
2019	225.700,93
Total	581.384