

PROJECT REVIEW REPORT

This project review report includes findings raised during Verra’s review of the project specified below. The VVB must address the findings before the project request can be considered for approval by Verra. The project review report will be made publicly available on the Verra Registry. Confidential information may be provided in separate attachments.

Project ID	1186
Project Name	Viñales biomass power plant
Review Type	Verification Approval
Program(s)	VCS Program
Verification Period	01/01/2021 to 31/12/2023
Project Proponent	Celulosa Arauco y Constitución S.A.
Methodology	ACM0006: Consolidated methodology for electricity and heat generation from biomass. v12.1.1
VVB	Verifit Colombia S.A.S
Assessment Criteria	VCS Standard, v4.7
Date of First Issue	02 December 2024
Review Conclusion	Approved
Date of Final Issue	11 December 2024

FINDINGS

#	Finding Description	VVB Response	Status
1	<p>Inconsistency in monitoring equipment details</p> <p><u>Issue</u></p> <ol style="list-style-type: none"> 1. The serial number of the measuring equipment for the parameter “Biomass residues categories and quantities used in the project activity” in the MR is 152069, while it is 162069 in the registered Project Description (PD), and the change has not been discussed in the project deviations. 2. The parameter BR_{B5/B8,n,y} is missing in the MR. 3. The measurement equipment tag no. TAG: 663-PT-0106, the serial number of the gauge in MR is inconsistent with the one in the PD and the same has not been discussed in the project deviation. <p><u>Action Required</u></p> <ol style="list-style-type: none"> 1. The VVB must ensure that the monitoring equipment is correctly identified and that whenever changes are made to it, those changes are reflected in the project deviations section of the MR template. 2. The VVB must ensure that all monitoring tables are included in the MR as per the registered PD. if the parameter is not utilised during the current monitoring period, it should be indicated. 3. The VVB must ensure that all gauge serial numbers are consistently reported in the MR as per the registered PD. whenever there are changes, they must be discussed in the project deviation section. <p><u>Program Rule(s)</u> VCS Monitoring Report Template, v4.4; Sections 3.2.2 and 4.2.</p>	<p><u>Round 1</u></p> <p><u>VVB Response</u></p> <ol style="list-style-type: none"> 1. Within a project activity with several equipment, it is very common that equipment is replaced by similar equipment as it is part of the operational procedures of the plants. Therefore, it seems exaggerate to mandate all project participants to report as project deviation all equipment replacement during the monitoring period. In fact, if an equipment has been replaced in the previous monitoring period, this deviation will have to be repeated in every subsequent monitoring period, increasing complexity and providing no actual gain to the accuracy of the project activity, as all equipment installed during the monitoring period will be duly reported in each parameter description. <p>According to VCS Standard, section 3.21.2, paragraph 2), include some examples of changes that need to be described, such as “changes in the procedures for measurement and monitoring” or “other project design changes that do not impact applicability of methodology, additionality or scale”. However, meter replacement is part of the operation procedure of power plant and does not constitute a project description deviation. It would be kindly recommend you not to require these types of changes to be described as project deviations as</p> <ol style="list-style-type: none"> A. It has never been requested before as there is no loss on simply change the equipment by a similar one (same accuracy, same measurement range, etc). B. It increases the complexity of an assessment that is becoming every time more complex at each 	Closed

		<p>verification.</p> <p>C. Equipment exchange is part of operation procedure of a power plant and therefore it does not constitute to project design deviation (no change in procedures apply)</p> <p>However, in order avoid other unnecessary PRR rounds, two project deviations have been included in section 3.2.2 of the MR and 3.2 of the VR</p> <ol style="list-style-type: none"> a. Correction of typographic error from PD where the wrong Serial number was described b. Replacement of weighbridge equipment on 14/02/2022 by a similar equipment with same accuracy class. <p>2. The monitoring table is now included in the MR. It is being stated that the parameter is not applicable. Due assessment was already carried out in the VR section 4.3.</p> <p>3. The equipment TAG: 663-PT-0106 and TAG: 663-TT-0111 have been wrongly included as critical equipment during this monitoring period. These meters measure the pressure and temperature of feeding water that enters the boiler. Nevertheless, the values of pressure and temperature used for determining the enthalpy to be discounted as feed water results from pre-set values of temperature and pressure at the operational conditions. Therefore, values measured by these meters are not used in the ER calculations and the equipment have been excluded from monitoring report, section 4.2 and VR section 4.3. Therefore the reports now comply with information from PD.</p>	
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2 Inconsistencies in the Verification Report			
	<p><u>Issue</u></p> <ol style="list-style-type: none"> 1. In the first paragraph of section 2.1, the Verification Report (VR) makes reference to the effect that the verification was done following VCS version 4. 2. On pages 33 of the VR and 93 of the MR, the BE₂₀₂₃ = 202,414 tCO_{2e}, whereas on the summary tab of ER sheet cell D50, BE₂₀₂₃ = 202,413 tCO_{2e}. 3. The sum of PE_{total} (19,794 tCO_{2e}) is incorrect on page 34 of the VR. 4. In section 4.4 of the VR, the VVB states that the documents were verified and interviews were performed during virtual site visits. <p><u>Action Required</u></p> <ol style="list-style-type: none"> 1. The VVB must update the VR and ensure that there is no inconsistencies in the VR and also between the VR and the MR and ER sheet. <p><u>Program Rule(s)</u> VCS Standard v4.7; Section 2.2.1.</p>	<p>Round 1</p> <p><u>VVB Response</u></p> <ol style="list-style-type: none"> 1. Not clear what is being requested. The verification is being done following the VCS Version 4 requirements, apart from other requirements. As per VCS program Guide version 4.4, section 1.1, the applicable VCS version is VCS Version 4, “VCS Version 4 is comprised of all the program documents labelled v4.x, where x is a running number starting at zero. Individual program documents may be updated from time to time, as developments require, and their version numbers will be incremented using the v4.x format. Such updated documents still form part of Version 4 and the VCS Program edition should be referred to as VCS Version 4 regardless of the version numbers of the individual program documents”. Sincerely the VVB doesn’t know what is being requested here and we are afraid if we do not change anything, round 2 of PRR is raised, delaying even more the issuance of this process. 2. The monitoring report has been updated to correct the BE₂₀₂₃ value discrepancy between the reported 202,414 tCO_{2e} and the ER sheet value of 202,413 tCO_{2e}. Moreover, the VR page 33 has also been updated to 202,413. 	<p>Closed</p>

		<ol style="list-style-type: none"> 3. The sum of PE_{total} has been updated with 19,795 tCO₂e in the pg 35 of the VR. 4. typographic error has been corrected. Due on-site inspection has been carried out and therefore, the word "virtual" has been erased. 	
		<p><u>Verra Response</u></p> <ol style="list-style-type: none"> 1. The VVB has provided the running number of VCS version numbers and clarified the applicable version. 2. The VVB has updated the verification report and corrected the corresponding value for BE₂₀₂₃. The issue is closed. 3. The VVB has corrected the value for PE_{total} in the verification report. The issue is closed. 4. The VVB has corrected the typo error that made reference to virtual site visits. The issue is closed. 	