

# 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.

<b>Project ID</b>	3308
<b>Project Name</b>	Dongyuan Xiantang Landfill Gas Power Generation Phase I Project
<b>Review Type</b>	Verification Approval
<b>Program(s)</b>	VCS Program
<b>Verification Period</b>	25/01/2022 – 28/02/2023
<b>Project Proponent</b>	Shenzhen PhasCon Technologies Co., Ltd.
<b>Methodology</b>	ACM0001: Flaring or use of landfill gas --- Version 19.0
<b>VVB</b>	LGAI Technological Center, S.A. (Applus+ Certification)
<b>Assessment Criteria</b>	VCS Standard, v4.4
<b>Date of First Issue</b>	19/10/2023
<b>Review Conclusion</b>	[Approved]
<b>Date of Final Issue</b>	<28 November 2023>

## FINDINGS

#	Finding Description	VVB Response	Status
1.	<p><b>Implementation Status</b></p> <p><u>Issue</u> In the approved PDD, 8 sets of gensets of 500kW are to be installed under the project activity. 4 such sets were already installed at validation (PD). The PP shall clarify the implementation status of the remaining 4 sets and report the same consistently throughout the MR.</p> <p><u>Action Required</u></p> <ol style="list-style-type: none"> <li>VVB must ensure that the monitoring report is updated to provide clear indication of the project implementation status.</li> <li>Section 5.4 of the MR shall be updated to compare expected generation of 4 sets and not overall ex-ante emission reductions, based on 8 sets.</li> <li>The VVB shall update the verification report to include an assessment of the updates and their own conclusion regarding the number of engines commissioned.</li> </ol> <p><u>Program Rule(s)</u> VCS Standard, v4.4 Section 3.5.4 §4.1.20 of the VCS Program Standard v4.4</p> <p><u>Background</u></p>	<p><b>Round 1</b></p> <p><u>VVB Response</u></p> <ol style="list-style-type: none"> <li>The monitoring report is updated to provide clear indication that 4 sets of generators are in commission.</li> <li>In the first 2 years, even the 4 sets of generators couldn't run in full operation due to the limited LFG amount, so the Section 5.4 of the MR was calculated on 4 sets. This is the common practice for LFG projects.</li> <li>The VVB updated the verification report to include an assessment of the updates and the conclusion regarding the number of engines commissioned.</li> </ol> <p><u>Verra Response</u></p> <ol style="list-style-type: none"> <li>The MR is updated to confirm that still only four sets of gensets are installed.</li> <li>Comparison between ex-ante and ex-post values is based on expected generation of the four gensets.</li> <li>The verification report Section 4.1 has been updated accordingly</li> </ol> <p>No further action is required.</p>	[Closed]
2.	<p><b>Emissions reduction calculations</b></p> <p><u>Issue</u> In Section 5.4, the ER value is indicated as 56,544 tCO<sub>2</sub>e for vintage 2022.</p> <p><u>Action Required</u></p>	<p><b>Round 1</b></p> <p><u>VVB Response</u></p> <ol style="list-style-type: none"> <li>The ER value is corrected to 56,564 tCO<sub>2</sub>e for vintage 2022 and consistent with the MR and the spreadsheet.</li> <li>The VVB updated the verification report accordingly.</li> </ol>	[Closed]

<ol style="list-style-type: none"> <li>1. The VVB must ensure the emission reductions are corrected and consistent with the MR and the spreadsheet.</li> <li>2. The VVB shall update the verification report accordingly.</li> </ol> <p><u>Program Rule(s)</u> VCS Monitoring Report template v4.2, Section 5.4</p> <p><u>Background</u></p>	<p><u>Verra Response</u> The 2022 vintage value has been corrected. No further action is required.</p>	
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<b>3. Monitored parameter EG<sub>PJ,y</sub></b>		
<p><u>Issue</u></p> <ol style="list-style-type: none"> <li>1. In Section 5.2, for the parameter EG<sub>PJ,y</sub>, the parameter description is not in line with the approved PD.</li> <li>2. Further, it is not clear how many meters are represented by the serial numbers, and if the check-meter was installed and calibrated on schedule.</li> </ol> <p><u>Action Required</u></p> <ol style="list-style-type: none"> <li>1. The VVB must ensure that the monitored parameter is described in line with the PD.</li> <li>2. The VVB must ensure that the check meter serial number and calibration schedule are included under the parameter EG<sub>PJ,y</sub>.</li> </ol> <p><u>Program Rule(s)</u> §3.16.1 of the VCS Program Standard v4.4</p> <p><u>Background</u></p>	<p><b>Round 1</b></p> <p><u>VVB Response</u></p> <ol style="list-style-type: none"> <li>1. The description in the MR was modified to be in line with the PD by the PP.</li> <li>2. The PP confirmed with the grid company that the back-up meter was installed. The installed meter in the monitoring period is operated normally during this monitoring period. The back-up meter information and calibration date were updated in the MR. There is no other back-up meter for other devices. As it stated in the MR parameters tables, only the back-up meter for electricity was mentioned.</li> </ol> <p><u>Verra Response</u></p> <ol style="list-style-type: none"> <li>1. The description of parameter EG<sub>PJ,y</sub> is now in line with the approved PD.</li> <li>2. The meter information is updated accordingly. The back-up meter is installed but was not required during this monitoring period.</li> </ol>	<p>[Closed]</p>

	No further action is required.	
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4 Editorials		
<p><u>Issue</u></p> <ol style="list-style-type: none"> <li>The MR pages are all numbered 1.</li> <li>The technical area for Scope 1 is not 1.1 for renewable electricity generation.</li> </ol> <p><u>Action Required</u></p> <ol style="list-style-type: none"> <li>The VVB must ensure that the monitoring report is numbered correctly by the PP.</li> <li>The VVB must correct the technical area for the project type and scope in Section 1.4 of its report.</li> </ol> <p><u>Program Rule(s)</u> Editorials</p> <p><u>Background</u></p>	<p><b>Round 1</b></p> <p><u>VVB Response</u></p> <ol style="list-style-type: none"> <li>The MR pages are corrected.</li> <li>The Scope 1.1 is correct, as the project utilizes the LFG generated from landfill for power generation which is not renewable energy but associated to thermal energy (such as biomass or biogas projects) and thus the technical area for this project associated with the Sectoral Scope 1 shall be 1.1. All the LFG projects with electricity generation shall be considered as 13.1 mandatory and 1.1. conditional SS/TA. Not any project registered by Applus+ considered before 1.2 SS/TA for LFG projects with conditional scope 1 linked to electricity generation. Furthermore, the UNFCCC CDM AS7 in its Annex establishes that the SS/TA 1.1. corresponds to power generation from thermal energy. The comment is not applicable and thus no correction was made.</li> </ol>	[Closed]
	<p><u>Verra Response</u></p> <ol style="list-style-type: none"> <li>The MR pages are now numbered correctly</li> <li>The sectoral cope is 13, the technical areas are 13.1 and 1.1</li> </ol> <p>No further action is required.</p>	