

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	3940
Project Name	Lianzhou Landfill Gas Power Generation Project
Review Type	Registration
Program(s)	VCS Program
Verification Period	N/A
Project Proponent	Lianzhou Dongkang Renewable Energy Technology Co., Ltd.
Methodology	ACM0001, Flaring or use of landfill gas, Version 19.0
VVB	LGAI Technological Center, S.A. (Applus+ Certification)
Assessment Criteria	VCS standard v4.4
Date of First Issue	29 March 2023
Review Conclusion	18 April 2023
Date of Final Issue	24 April 2023

FINDINGS

#	Finding Description	VVB Response	Status
1	Lack of clarity on the LFG treatment system		
	<p><u>Issue</u></p> <ol style="list-style-type: none"> The project proponent does not clarify whether the electricity generation system is always operational throughout the project crediting period. It is not clear what are the emergency procedures in case of maintenance and malfunction for destruction of LFG. It is not clear how VVB has confirmed in section 3.3.3 of validation report that the project boundary includes the whole LFG related system including a flare system when it is not included in the project boundary provided in project description. <p><u>Action Required</u></p> <ol style="list-style-type: none"> The VVB must ensure that project proponent provides information in section 1.11 of PD, whether the electricity generation system is always operational and if not, what happens to the excess LFG. The VVB must ensure that PP provides information on emergency procedures for destruction of LFG during maintenance and malfunction of power plant. The VVB must provide information on how they confirmed the project boundary and if there is a flare system included in the project activity. The VVB must validate the updated PD and update validation report as needed. <p><u>Program Rule(s)</u> VCS Project Description Template v4.1, Section 1.11</p>	<p>Round 1</p> <p><u>VVB Response</u></p> <p>The project proponent added information of a flare system in section 1.11 of the updated PD. When the electricity generation system is not in operation, the excess LFG will be burned.</p> <p>In section 3.3.3 of updated PD, the flare system was added in the project boundary provided in project description.</p> <p>The VVB also updated the validation report according to the updated PD.</p> <p>The emission reductions from the flaring of the LFG are not claimed under the project activity. The reason is that the location of the flow meter used to measure the LFG are after the flaring system installed, and just before the gas generator. It also mentioned in the page 67 of PD, "LFG fed to the Power Plant".</p> <p>The location of flow meter has been confirmed through site visit and such description has been made in the FVR.</p> <p><u>Verra Response</u></p> <p>The VVB has clarified that there is a flare system installed for emergency destruction of methane during maintenance or malfunction of the power plant. This checked and confirmed during the site vit. This finding is now closed, and no further response is required.</p>	closed
2	Incomplete information on no net harm		
	<u>Issue</u>	<p>Round 1</p> <p><u>VVB Response</u></p>	Closed

<p>Section 2.1 of the project description does not describe the control measures taken to mitigate any potential negative environmental impact related to the project activity.</p> <p>Action item</p> <ol style="list-style-type: none"> 1. The VVB must ensure that the project proponent describes in Section 2.1 of the project description the control measures taken to mitigate any potential negative environmental and socio-economic impact of the project activity. 2. The VVB must validate this information and update Section 3.2.1 of the validation report as needed. <p>Program rules: VCS Project Description Template v4.1, Section 2.1; VCS Validation Report Template v4.1, Section 3.2.1</p>	<p>In Section 2.1, the following has been added to the PD “The environmental impacts during the construction and operation of the Project have been carefully and strictly assessed; measures have been taken to minimize the potential negative impacts and to ensure that there is no net harm.” The VVB confirmed the correctness of above description.</p> <p>Verra Response This finding is now closed, and no further response is required.</p>	
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<p>3 Further information required on baseline scenario justification and assessment</p>		
<p>Issue</p> <p>Section 3.4 of the project description states that the baseline scenario has been identified as “LFG from Huizhou landfill site is emitted to the atmosphere directly.” However as per Item 11.1.3 of GB 50869-2013 it is stipulated that <i>if the LFG does not have the conditions for LFG utilization, the flare method shall be adopted for combustion treatment, and the process that can effectively reduce the generation and emission of methane shall be adopted.</i></p> <p>Action item</p> <p>The VVB must request the project proponent to further elaborate the identification and justification of the baseline scenario (and further</p>	<p>Round 1</p> <p>VVB Response According to the Chinese DNA, from the following link: https://www.mohurd.gov.cn/gongkai/fdzdgnr/tzgg/201308/20130820_224784.html the "Technical Code for Sanitary Landfill Treatment of Domestic Waste" is now approved as a national standard, numbered GB50869-2013, and has been implemented from 01/03/2014. Among them, Item 3.0.3, 4.0.2, 8.1.1, 10.1.1, 11.1.1, 11.6.1, 11.6.3, 11.6.4 and 15.0.5 are mandatory provisions and must be strictly implemented. But Item 11.1.3 is a voluntary provision, and it is a common practice in China that the LFG from landfill sites is vented to the atmosphere directly. So the LFG for power generation a regulatory surplus. This part is added to the Section 3.4 in the updated PD. VVB has confirmed the correctness of above description.</p> <p>Verra Response This finding is now closed, and no further response is required.</p>	<p>Closed</p>

<p>demonstration of additionality) considering the legal requirements established in the “Technical Code for Municipal Solid Waste Sanitary Landfill” (GB 50869-2013), issued by the Ministry of Construction in 2013.</p> <p>Program rules: VCS Standard v.4.3, Sections 3.12 and 3.13</p>		
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