

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	766
Project Name	Teesta- V Hydro Power project in Sikkim
Review Type	Verification Approval
Program(s)	VCS Program
Verification Period	01 June 2012 – 31 March 2018
Project Proponent	NHPC Limited
Methodology	ACM0002, Grid-connected electricity generation from renewable sources, v10.0
VVB	LGAI Technological Center, S.A.
Assessment Criteria	VCS Standard, v4.4
Date of First Issue	30 November 2023
Review Conclusion	The project document updates and VVB responses were sufficient to close all findings
Date of Final Issue	19 March 2024

FINDINGS

#	Finding Description	VVB Response	Status
1	Unreported PD deviation – new entity joined the project		
	<u>Issue</u> Section 1.4 of the monitoring report (MR) has a new entity, “Core CarbonX Solutions Private Limited” involved in the project. The validated PD referenced “Emergent Ventures India Pvt Ltd” as the other project proponent (PP). <u>Action Required</u> 1. The VVB must ensure the addition of the new entity is reported as a PD deviation and Section 3.2 of the MR is updated; providing a brief explanation in Section 3.1 of the MR is insufficient. 2. The VVB must ensure a <i>Deed of Partial Release</i> is submitted to Verra given one of the PP has left the project. 3. The VVB must also ensure to update Section 3.3 of the VR to reflect the same. <u>Program Rule(s)</u> VCS Standard, v4.4, Section 3.20, <i>Registration and Issuance Process</i>, v4.3, Section 7.2.1(2)	Round 1 <u>VVB Response</u> A deviation is included in section 3.2.2 of the revised MR and it’s assessment is also transparently presented in section 3.3 of the FVR. Assessment team has reviewed the approved VCS PD and MR. It was noticed that the company name “Emergent Ventures India Pvt Ltd” is included in the VCS PD. However, it’s role was not specified. Based on the local expertise, assessment team is able to confirm that the entity is a consultant involved in the project at the time of validation. Further, it was confirmed that the Project Proponent is NHPC Limited as per the publicly available deed document. Further, during the current monitoring period, the new entity “Core CarbonX Solutions Private Limited” included in section 1.4 of the MR and the same was confirmed based on the provided contract document. Thus, assessment team is able to confirm that the entity ““Emergent Ventures India Pvt Ltd” is not involved in the project and the new entity “Core CarbonX Solutions Private Limited” is involved in the project. Based on the above, assessment team confirm that the deviation does not impact the applicability of the methodology, additionality or the appropriateness of the baseline scenario, and the project remains in conformance with the applied methodology.). <u>Verra Response</u>	Closed

		The PP has updated Section 3.2 of the MR. The VVB has updated Section 3.3 of the VR to reflect the same. This finding is now closed.	
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2 Unclear description of PD Deviation #1			
	<u>Issue</u> It is unclear when the deviation started to take place in the monitoring period, i.e., when were the meter readings first obtained from the “Deviation Settlement Account documents.” No assessment opinion on whether deviation #1 (and #2) impact the GHG ERRs of the project. <u>Action Required</u> 1. The VVB must ensure to clarify in Section 3.3 of the VR when the deviation started to take place in the monitoring period. The MR and VR should clearly state when the meter readings were first obtained from the “Deviation Settlement Account documents.” It is unclear when this changed occurred. 2. The VVB must ensure to provide an assessment opinion and clearly state whether the deviations impact the GHG ERRs of the project. <u>Program Rule(s)</u> VCS Verification Report Template, v4.2, Section 3.3, VCS Standard, v4.4, Section 3.20.2(2)	Round 1 <u>VVB Response</u> 1.As per the available information and based on the review of the documents, assessment team confirms that the deviation request was made by the PP for the current monitoring period starting on 1st June 2012. PP has updated section 3.2.2 of the MR. Further, an assessment statement is included in section 3.3 of the VR. 2.Assessment team has updated section 3.3 of the VR and provided a clear statement that the deviations do not impact the GHG ERRs of the project.	Closed
		<u>Verra Response</u> The PP has updated Section 3.2.2 of the MR. The VVB has updated Section 3.3 of the VR to include further details regarding the deviation. This finding is now closed.	

3	Insufficient information on operation of project activity		
	<u>Issue</u> 1. Insufficient information on source of meter readings during the shutdown periods. 2. GHG ERRs reported for periods of complete shutdown of power station. 3. Unclear readings or error adjustment made to readings from faulty meter. <u>Action Required</u> 1. The VVB must ensure Section 3.1 of the MR is updated to clarify which source captured the meter readings during the shutdown period(s). Please update all relevant sections (e.g., 4.3 of MR) in the VR and MR. 2. The VVB must clarify why GHG ERRs were generated during periods of complete shutdown of power station. 3. The VVB must ensure Section 3.1 and Appendix II of the MR are updated to clarify how the readings made using the faulty meter have been rectified and if the method use is appropriate. 4. The VVB must assess the updates made as needed. <u>Program Rule(s)</u> For Issue 2, the GHG ERR calculation spreadsheet reports GHG ERRs generated during the following shutdown periods: <td> Round 1 <u>VVB Response</u> 1. It is to be noted that the source of meter readings during the shutdown periods is the energy meters. The data is published in the Grid Reports on a monthly basis by the ERLDC as mentioned in the deviation 1 in the MR. 2. Based on the review of the MR, ER sheet and shutdown data, assessment team confirms that the total shut down days are 96 during the monitoring period i.e. 1st June 2012 until 31st March 2018 (5 years 10 months). The same was reviewed and verified from the MR and ER sheet. It was noticed, there was complete shutdown only during February 2014. Remaining all months, the plant was operational for at least a few days of the month. Thus, there was no complete shutdown during any other months except February 2014. 3. Assessment team has reviewed the revised MR and found PP has updated section 3.1 and Appendix II of the MR. It is to be noted, there are main and check meters for each location. Thus, if main meter does not function check meter reading will be taken into consideration. Assessment team has reviewed the energy meters and confirm that all the energy meters are functioning well and were calibrated and the details are provided in Appendix II of the MR. It was found one main meter (S. No: NP-5896-A) was replaced with another meter number (S. No : NP-8716-A) as the old meter (S.No : NP-5896-A) was found faulty. Further, </td> <td rowspan="2">Closed</td>	Round 1 <u>VVB Response</u> 1. It is to be noted that the source of meter readings during the shutdown periods is the energy meters. The data is published in the Grid Reports on a monthly basis by the ERLDC as mentioned in the deviation 1 in the MR. 2. Based on the review of the MR, ER sheet and shutdown data, assessment team confirms that the total shut down days are 96 during the monitoring period i.e. 1st June 2012 until 31st March 2018 (5 years 10 months). The same was reviewed and verified from the MR and ER sheet. It was noticed, there was complete shutdown only during February 2014. Remaining all months, the plant was operational for at least a few days of the month. Thus, there was no complete shutdown during any other months except February 2014. 3. Assessment team has reviewed the revised MR and found PP has updated section 3.1 and Appendix II of the MR. It is to be noted, there are main and check meters for each location. Thus, if main meter does not function check meter reading will be taken into consideration. Assessment team has reviewed the energy meters and confirm that all the energy meters are functioning well and were calibrated and the details are provided in Appendix II of the MR. It was found one main meter (S. No: NP-5896-A) was replaced with another meter number (S. No : NP-8716-A) as the old meter (S.No : NP-5896-A) was found faulty. Further,	Closed

	7 – 11 Nov 2012, 1 – 3 Dec 2012, 26 – 28 Feb 2013. For Issue 3, Appendix II of the MR states that the readings were taken from the check meter. However, it is unclear whether adjustments were made to account for the error.	the meter replacement related communication indicated that the replacement was completed within one hour. As stated above, during the replacement duration of 1 hour the readings of the check meter were considered. Thus, it is to be noted there is break in the continuous measurement of the energy generation data. Hence, assessment team opines that the provided energy meter data is credible, accurate, verifiable and reliable. 4. Assessment team has updated the assessment on this in section 4.5 of the VR.	
		<u>Verra Response</u> The PP has updated Section 3.1 of the MR as requested. The VVB has updated Section 4.5 of the VR. This finding is now closed.	

4 Incorrect report of vintages			
	<u>Issue</u> Vintages not reported in ranges (e.g., day-month-year to day-month-year) in MR. <u>Action Required</u> 1. The VVB must ensure that Section 4.7 of the MR is updated, and the vintages are reported correctly, i.e., as ranges per the calendar year. <u>Program Rule(s)</u>	Round 1	Closed
		<u>VVB Response</u>	
		Assessment team has reviewed the submitted revised MR by the PP and confirm that vintages are correctly reported in ranges (day-month–year) in section 4.7 of the MR.	
		<u>Verra Response</u>	
		The PP has updated Section 5.4 of the MR. This finding is now closed.	

VCS Standard, v4.4, Section 3.15.16		
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5	Incorrect Statement in VR		
	<u>Issue</u> The VVB has provided a statement in Section 4.5 of the VR that does not align with the MR regarding the energy meters. <u>Action Required</u> The VVB must ensure that Section 4.5 (and any other section) of the VR is updated with the correct information. <u>Program Rule(s)</u> VCS Verification Report Template, v4.2, Section 4.5 <u>Background</u> The VR states that “It was found that no meter has been replaced during the current monitoring period,” however, the MR (appendix 2) states that “There was a change in energy meter in Line 1. The meter number NP-5896-A has been replaced by meter number NP-8716-A due to the meter being faulty.”	Round 1 <u>VVB Response</u> Assessment team has revised the statement in Section 4.5 of the VR and aligned it in line with the MR regarding the energy meters.	Closed
		<u>Verra Response</u> The VVB has updated Section 4.5 of the VR to remove the incorrect statement. This finding is now closed.	