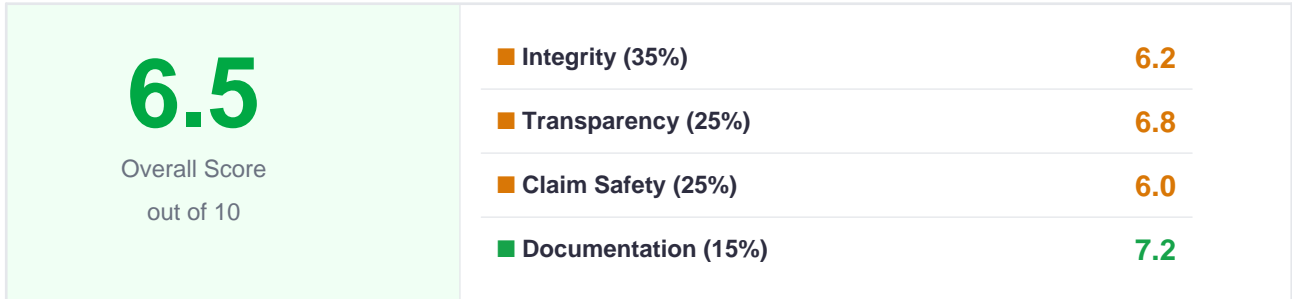


QUALITY REPORT

Xiaoxi Hydropower Project

VCS-670 · VCS · China

Report ID: CM-1E580638 · Generated: 2026-04-02 · Scoring Methodology: General v2.0



Weights: Integrity 35% · Transparency 25% · Claim Safety 25% · Documentation 15%

Assessment Summary

This is a grid-connected hydropower project under ACM0002 with VVB-confirmed additionality and a clean verification outcome for the reported monitoring period. However, leakage treatment is not evidenced in the extracted record and social safeguard-related statements are inconsistent across documents, which increases credibility and reputational risk.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-670
Sector	renewable_energy
Country	China
Vintage	Stale
Project Methodology	ACM0002 06
Crediting Period	2008 — 2015
VVB	TÜV Rheinland Japan Ltd.
Verified ERs	186,846 tCO2e
Monitoring Period	2008 — 2008
Confidence	Medium
Documents Reviewed	8 documents reviewed
Scored	2026-04-02

Red Flags

- Leakage is marked as not addressed and no leakage deduction is evidenced in the extracted record, despite ACM0002 typically requiring an explicit leakage assessment.
- Safeguards, FPIC, grievance mechanism, and benefit sharing are contradictory between the PDD (2008) and the monitoring report (2011), undermining confidence in social risk disclosures.

Score Breakdown

Integrity — 6.2 / 10

- + The validation/verification record indicates additionality was confirmed by the VVB using an investment test.
- Leakage is not evidenced as assessed (no justification and no deduction found in the extracted record).

Additionality appears reasonably supported: the validation/verification record indicates the VVB confirmed additionality using an investment test. For quantification, the monitoring report (2011) reports 186,846 tCO₂e and the verified ERs equal the claimed ERs, suggesting no downward adjustment in that period. Integrity is weakened by the absence of an evidenced leakage assessment in the extracted record (leakage is marked as not addressed and no deduction is provided), and by missing baseline governance details such as the last baseline reassessment date.

Transparency — 6.8 / 10

- + The monitoring report (2011) provides a clear monitoring period (2008-01-28 to 2008-12-18) and the verified ERs match the claimed ERs (186,846).
- Key baseline governance details (such as when the baseline was last reassessed and the grid EF vintage year) are not stated in the extracted record.

MRV transparency is moderate-to-good for the reported period: the monitoring report (2011) clearly states the monitoring window (2008-01-28 to 2008-12-18) and shows agreement between claimed and verified ERs (186,846). The VVB is identified (TÜV Rheinland Japan Ltd.), supporting audit traceability. Transparency is reduced because key contextual parameters (such as the grid emission factor vintage year and baseline reassessment timing) are not stated in the extracted record, limiting independent reproducibility checks.

Claim Safety — 6.0 / 10

- + The project is explicitly not CORSIA-eligible, reducing certain downstream double-claiming/eligibility risks.
- Project-specific baseline setting and missing leakage treatment increase over-crediting risk for an ACM0002 grid-displacement claim.

The project is explicitly not CORSIA-eligible, which lowers the risk of certain aviation-eligibility-related misclaims. However, the baseline is project-specific and the extracted record does not evidence a leakage justification or deduction, which can elevate over-crediting and greenwashing risk for grid-displacement accounting under ACM0002. CCP status is not found in the extracted record, so buyers cannot rely on an additional quality label without further confirmation.

Documentation — 7.2 / 10

- + Multiple core documents are available (PDD, validation report, monitoring report) with high extraction confidence and no material findings/corrective actions reported.
- The extracted record shows internal inconsistencies on safeguards-related disclosures between the PDD and monitoring report.

Documentation coverage is fairly strong: the extracted record includes a PDD, validation report, and monitoring report, with high extraction confidence and no material findings or corrective actions reported. The monitoring report is dated 2011-03-07 and covers the 2008 monitoring period, which is reasonably traceable to the early crediting years. Documentation quality is nonetheless weakened by contradictions between documents on safeguards-related disclosures, indicating inconsistent reporting rather than a single coherent evidence trail.

Risk Indicators

● Additionality	VVB-confirmed investment test
● Permanence	Avoidance project; no reversal risk evidenced
● Leakage	Leakage not evidenced as assessed
● Baseline	Project-specific baseline; reassessment timing unclear
● Safeguards	Safeguards disclosures inconsistent across documents
● Double-claim	Not CORSIA-eligible

What Would Improve This Score

→ Provide an explicit leakage assessment consistent with ACM0002 (including whether leakage is negligible and why, or a quantified deduction) in the monitoring/verification documentation.

→ Resolve safeguards inconsistencies by publishing clear evidence of stakeholder consultation/FPIC (if applicable), a functioning grievance mechanism, and any benefit-sharing arrangements, with consistent statements across PDD and monitoring/verification reports.

Documents Reviewed

- Issuance Representation
- Monitoring Report
- Registration Representation
- Project Description
- Validation Report
- Validation Representation
- Verification Report
- Verification Representation

Disclaimer

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CarbonMeld does not have access to non-public project information, internal project documentation, or confidential communications with project developers. The analysis pipeline may not have retrieved all publicly available documents for this project.

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