

FORM

FORM - DEVIATION REQUEST SUBMISSION

PUBLICATION DATE: 12/11/2024

VERSION: 6.0

NEXT PLANNED UPDATE: 12/11/2026

RELATED DOCUMENTS

– [Deviations Approval Requirements and Procedures](#)

CONTACT DETAILS

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1| General Guidelines

1.1 | Applicability

- 1.1.1 | This form is to be completed for projects (project activities/PoAs/VPAs) seeking deviation or is/are at a risk of deviating from any [applicable requirements](#), GS4GG-specific requirements listed in the applicable [Methodologies](#) or any other deviations occurring in any of the various aspects of the project.
- 1.1.2 | Refer to the latest version of [Deviation Request Requirements and Procedures](#) for detailed information on the procedures and requirements.
- 1.1.3 | This form can be used in the following instances i.e.,
 - a. Deviation from GS4GG requirements and/or applicable methodologies prior to submission for certification with GS4GG.
 - b. Temporary changes to a certified project - which include changes from the registered monitoring plan, the applied methodologies or other standard documents - that are expected **not** to occur beyond a given monitoring period.
- 1.1.4 | For any permanent changes to a design certified project, the requirements set in [Design Change Approval Requirements and Procedures](#) shall be followed.

2| Submission of deviation form

- 2.1.1 | This form shall be submitted in Microsoft Word (.doc) format to Gold Standard at deviations@goldstandard.org
- 2.1.2 | Forms with incomplete/inaccurate information shall not be considered for review and shall be returned to the applicant.

3| Implementation of deviation decision

- 3.1.1 | The decision prescribed in this form shall be considered by the entity applying for deviation for further course of action.

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4| Decision summary

To be completed by Gold Standard

4.1 | General information

DEVIATION REFERENCE NUMBER	DEVREQ-229
Date of decision	26/10/2025
Decision	<div><input type="checkbox"/> Approved [No precondition to apply the deviation decision]</div> <div><input checked="" type="checkbox"/> Conditionally approved [Decision is subject to compliance with the precondition defined below]</div> <div><input type="checkbox"/> Not approved [reason for rejection is provided in decision summary]</div>

4.2 | Decision

4.2.1 | Decision Summary

GS approves the requested deviation to the Technologies and Practices to Displace Decentralized Thermal Energy Consumption (TPDDTEC) V1 methodology requirements for annual monitoring and usage surveys. This approval is temporary, applying only to the extended monitoring period 01/04/2024 – 20/09/2025 for the Lango Safe Water Project VPAs (GS 6349, 6350, 6351, 7362–7366).

The deviation is accepted based on the following considerations, in line with Gold Standard rules and the CDM sampling guidelines:

1. GS allows cross-VPA/CPA sampling within a homogeneous PoA, provided it is properly justified and meets higher confidence/precision requirements. In this case, all eight VPAs form a homogeneous group (same technology and region), and a combined sampling approach is acceptable under CDM Guidelines for sampling and surveys for CDM project activities and PoAs as adopted by GS PoA rules. The February 2025 survey covered all VPAs, and the additional August 2025 survey (though focusing on two VPAs) is considered representative of the group given their similarity.
2. TPDDTEC v1.0 requires that a monitoring survey and usage survey be conducted at least annually for each project scenario. We acknowledge that due to the 17 month extended monitoring period, a second annual survey was needed. The project developer did conduct a second survey in Aug 2025, which fulfills the intent of the annual survey requirement for the extended period, albeit with a modified scope. This one-time deviation, not surveying every VPA in August, is deemed acceptable since the VPAs share the same conditions and user population characteristics.
3. The methodology’s minimum sample size of 100 households for usage/monitoring surveys was met in both rounds. The surveys achieved acceptable sample sizes (143 in Feb 2025 and 131 in Aug 2025) with high precision. This provides

confidence that the parameters derived ($U_{p,y}$, $T_{p,y}$, Cleanboil) are statistically reliable and unbiased for all VPAs

4. The proposed use of survey results is conservative and does not overestimate emission reductions. The usage rate for the majority of the monitoring period (Apr 2024–Mar 2025) is taken as 87.09%, which is lower than the later survey's 96.18% result (capped at 95%) for Apr–Sep 2025. This means a more conservative usage factor is applied for most of the crediting period, which is conservative. The time savings parameter $T_{p,y}$ will be weighted towards the higher value (122.44 minutes/day from the earlier survey), ensuring the overall applied value is conservative (closer to baseline).

5. There is no permanent impact on project design, additionality, or SDG outcomes from this deviation. The emission reductions calculated for the period will remain consistent with previous monitoring periods (no increase in credit claims).

4.2.2 | **Directions for the project developer/CME, if applicable**

1. In the next Monitoring Report, clearly document this approved deviation and how the August 2025 survey data (originally taken from VPAs GS6350 & GS6351) is applied to the other VPAs. Include the justification for homogeneity and conservativeness as presented in the deviation request, along with this approval for transparency.

2. Apply the usage ($U_{p,y}$), time savings ($T_{p,y}$), and Cleanboil values exactly as proposed in the deviation request to all affected VPAs for the period 01/04/2024 – 20/09/2025.

3. This approval is one-time. For future monitoring periods or crediting periods, please plan surveys such that all VPAs are included in annual sampling campaigns, or update the sampling plan to a formal PoA-wide approach if appropriate. According to CDM/GS guidelines, if PD intends to continue using a single sampling plan across multiple VPAs, it should cover the entire population or be stratified appropriately. Any changes to the sampling plan design should be reflected in an updated monitoring plan or a design change request if needed.

4.2.3 | **Directions for the Validation and Verification Body (VVB), if applicable**

1. During verification, confirm that the combined sampling approach meets the required confidence and precision levels. Given the sample sizes and results provided, verify that the 90/10 precision (or stricter) requirement is satisfied for the key parameters. Also confirm that the survey execution in Feb 2025 and Aug 2025 followed random sampling principles and that the population surveyed in August is sufficiently representative of the remaining VPAs, considering their homogeneity.

2. Since the project applied a cross-VPA monitoring approach, VVB may conduct cross-VPA verification in line with GS PoA Requirements sec. 8.5.6. Ensure that evidence (survey data, records) from VPAs GS6350 & 6351 is used appropriately for the others. Confirm whether any contextual differences exist among the VPAs that

could bias results. The PD has stated homogeneity (same district, technology and user profile), the site visits or audits should confirm this is true.

3. Verify that the calculated emission reductions for each VPA use the approved deviation parameters uniformly. The usage rate applied should not exceed 95%, and if a weighted $T_{p,y}$ is used, check that the weighting and duration applied for each sub-period are correct and conservative. Since Cleanboil = 0% is consistent with historical data, ensure there's evidence (e.g. survey responses or water quality reports) supporting that no boiling of water is taking place in the project scenario, to justify continuing to use 0%.

4.2.4 | Directions for the Gold Standard, if applicable

NA

4.3 | Applicability to other activities

Is this decision applicable to other projects under similar circumstances? ¹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this decision set a precedent for future projects with similar circumstances? ²	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Precedent details (if applicable to other activities)	
NA	

¹ If this is marked yes, this means that any other project (PoA/VPA/PA) in similar situation may apply the decision of this deviation to their project as well. The project developer/VVB may quote this deviation decision in the relevant certification documents. This is relevant to only the projects which have already entered the certification cycle with GS4GG.

² If this is marked yes, it means the decision is valid to all the future projects which will enter the certification cycle with the similar situation. This is relevant to all the projects which are not yet design certified with GS4GG or have not submitted their documents for preliminary review yet.

5| Deviation Request Details

To be completed by the entity requesting deviation - (Project Developer/Coordinating and Managing Entity and/or VVB)

5.1 | Submitted by

- ☒ Project developer
☐ CME
☐ VVB
☐ Other (specify...)

5.2 | Details of the entity and its representative submitting the form

Item	Information
Name ³ :	Kate Danter
Email ID ⁴ :	kate.danter@co2balance.com
Organisation: ⁵ :	CO2balance
Are you an authorized project participant as per the cover letter submitted for this activity?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

5.3 | Background information

Type	<input type="checkbox"/> Project activity	<input checked="" type="checkbox"/> PoA GSXXXX	<input checked="" type="checkbox"/> VPA
GS ID	GSXXXX GSXXXX	GS 1247	GS 6349 GS 6350 GS 6351 GS 7362 GS 7363 GS 7364 GS 7365 GS 7366
Host country(ies)	Republic of Uganda		
Project Title	Lango Safe Water Project		
Registry link	https://registry.goldstandard.org/projects/details/1101 https://registry.goldstandard.org/projects/details/1103 https://registry.goldstandard.org/projects/details/1104 https://registry.goldstandard.org/projects/details/1555		

³ Name of the individual representing the entity requesting the deviation

⁴ Email ID for further correspondence related to the deviation request

⁵ The name of the entity requesting the deviation

<https://registry.goldstandard.org/projects/details/1541>
<https://registry.goldstandard.org/projects/details/1556>
<https://registry.goldstandard.org/projects/details/1542>
<https://registry.goldstandard.org/projects/details/1543>

Scale	<input checked="" type="checkbox"/> Microscale (GS) <input type="checkbox"/> Small scale <input type="checkbox"/> Large scale <input type="checkbox"/> Other, if applicable please specify below <i>Insert text here</i>							
Certification Status and corresponding date of latest status	<input type="checkbox"/> Listed <i>dd/mm/yyyy</i>	<input type="checkbox"/> Certified design <i>dd/mm/yyyy</i>	<input checked="" type="checkbox"/> Certified project <i>01/04/2025</i>	<input type="checkbox"/> Other <i>If other, specify here</i> <i>dd/mm/yyyy</i>				
Applied version of Standard	<input checked="" type="checkbox"/> GS4GG <input type="checkbox"/> Previous version of Gold Standard							
	<table border="1"> <tr> <td colspan="2">Version no.</td> </tr> <tr> <td><input type="checkbox"/> 1.0</td> <td> <input type="checkbox"/> 1.1 <input type="checkbox"/> 1.2 <input type="checkbox"/> 2.2 </td> </tr> </table>				Version no.		<input type="checkbox"/> 1.0	<input type="checkbox"/> 1.1 <input type="checkbox"/> 1.2 <input type="checkbox"/> 2.2
Version no.								
<input type="checkbox"/> 1.0	<input type="checkbox"/> 1.1 <input type="checkbox"/> 1.2 <input type="checkbox"/> 2.2							
Transition date, if applicable	From previous GS version to GS4GG From another standard to GS4GG		<i>01/03/2018</i> <i>dd/mm/yyyy</i>					
	Name of another standard		<input type="checkbox"/> CDM <input type="checkbox"/> Other Name of the Standard – Insert text here					
Applicable activity requirement	<input type="checkbox"/> Renewable Energy Activity Requirements <input checked="" type="checkbox"/> Community Services Activity Requirements <input type="checkbox"/> Land-use and Forests Activity Requirements <input type="checkbox"/> Other <i>Insert name here</i>							

5.4 | Project deviation history

Is there any deviation request(s) for the same project activity/PoA/VPA(s) that was submitted to GS previously? If yes, below information.			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reference number	No reference number		
Status of the deviation	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Rejected	<input type="checkbox"/> Under review
Were there any findings (CL, CAR, FAR) raised during any certification step (preliminary review, design and/or performance review etc.) that are relevant to this deviation request?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Summary of the findings <i>Deviation requested for non-completion of WCFT due to the Corona virus pandemic.</i> <i>Deviation based on Covid-19 Interim Measures section 3.1.1.a. Methodology default applied.</i>		

6| Deviation detail

To be completed by the entity requesting deviation (Project Developer/Coordinating and Managing Entity and/or VVB)

6.1 | Standard document reference

Standard document reference	Title	Technologies and Practices to Displace Decentralized Thermal Energy Consumption
	Version	V1
	Paragraph	Section III Parameters: Up,y Tp,y Cleanboil

6.2 | Description of the deviation

Title	Deviation in sampling process for monitoring survey and usage survey	
Confirm the nature of changes related to deviation	<input checked="" type="checkbox"/> Temporary (e.g. not expected to occur beyond one monitoring period)	<input type="checkbox"/> Permanent (e.g. deviation from requirements prior to submission for certification)
	Insert Text here (if required) to support the selection	
Relevant monitoring period, if applicable	Start date	01/04/2024
	End date	20/09/2025
Summarise the changes	<p>The Lango Safe Water Project consists of a bundle of 8 VPAs GS6349-51, 7362-66 and has previously followed a regular system of 12-month monitoring periods. However, the 6th monitoring period for GS7362-66 has been extended to 20/09/2025, in order to align the end of the monitoring period with the end of the 1st crediting period for GS6350 & 6351.</p> <p>The monitoring periods are as follows:</p> <p>GS6349: 01/04/2024 – 06/05/2025 GS6350: 01/04/2024 – 20/09/2025 GS6351: 01/04/2024 – 18/09/2025 GS7362: 01/04/2024 – 20/09/2025 GS7363: 01/04/2024 – 20/09/2025 GS7364: 01/04/2024 – 20/09/2025 GS7365: 01/04/2024 – 20/09/2025 GS7366: 01/04/2024 – 20/09/2025</p> <p>Monitoring (project) surveys and usage surveys were conducted in February 2025. The random sample covered all 8 homogeneous VPAs. An additional round of monitoring (project) and usage surveys was conducted in August 2025 to cover the extended monitoring period for GS6350 & 6351 and GS7362-66.</p>	
Reason for deviation	The additional round of annual monitoring conducted in August 2025 was not conducted on all VPAs included in the extended monitoring period. The random sample for this activity was only conducted on households belonging	

	<p>to waterpoints included in the two VPAs transitioning to the ERSDWS methodology in September 2025 (GS6350 & 6351).</p> <p>At the time of conducting the random sample, the PD had only planned to extend the 7th monitoring period for GS6350 & 6351 to align with the end of their 1st crediting periods. However, the PD now also plans to extend the 6th monitoring period for GS7362-66 to also align with this date (20/09/2025), as these VPAs will still be crediting on TPDDTEC until June 2026.</p> <p>This request seeks approval for a deviation from the methodology <i>Technologies and Practices to Displace Decentralized Thermal Energy Consumption V1</i> regarding requirements for monitoring (project) and usage surveys to be undertaken annually. These annual surveys collect the data for parameters Up,y, Tp,y and cleanboil. For VPAs GS7362-66, monitoring (project) and usage surveys were only undertaken once within the 17-month monitoring period. However, PD requests that the additional annual monitoring which took place in August 2025 which was randomly sampled from VPAs GS6350 & 6351 is also applicable to VPAs GS7362-66 and 6349 due to being part of the same homogenous VPA bundle since the point of Design Certification.</p>																		
Proposed resolution	<p>PD requests that the additional annual monitoring which took place in August 2025 which was randomly sampled from VPAs GS6350 & 6351 is also applicable to the remaining Lango Safe Water Project VPAs for their extended monitoring periods. The reasoning is outlined as follows.</p> <p>Accuracy:</p> <p>All VPAs within the Lango Safe Water Project have been part of a homogenous VPA bundle since the point of Design Review. The 8 VPAs included in this monitoring period are homogenous as all waterpoints are located in the Lango District of Uganda and utilise the same technology (outlined in the latest applicable VPA-DD 'Lango_Safe_Water_Project_VPA-DD_v2'). Therefore, the parameters gathered from the additional monitoring (project) and usage surveys conducted on VPAs GS6350 & 6351 are applicable to all VPAs within the homogenous bundle.</p> <p>Completeness:</p> <p>As per Section III (C), the minimum sampling requirements for monitoring (project) and usage surveys is 100. PD received 143 entries in the surveys conducted in February 2025, and 131 surveys in the additional annual monitoring in August 2025. Therefore, the sampling approach exceeded the methodological requirements as the minimum threshold of 100 respondents was surpassed. The sample sizes achieved were also statistically valid, with the usage survey having a relative precision of 4.8% in February 2025, and 2.8% in August 2025. This is well within the 90/10 precision requirements.</p> <div><div>Calculator to check if the precision has been met or not after a sampling survey is conducted</div><table><tr><th>Input</th><th>Value</th><th>Notes</th></tr><tr><td>Actual sample size</td><td>143</td><td>Number of usage survey respondents</td></tr><tr><td>Sample proportion</td><td>0.8907</td><td>Usage rate</td></tr><tr><td>Standard error of the proportion</td><td>0.0261</td><td></td></tr><tr><td>Precision associated with a proportion</td><td>0.0429</td><td></td></tr><tr><td>Relative precision</td><td>4.8%</td><td></td></tr></table><div>Note: If the estimates from the actual samples fail to achieve the target minimum levels of precision (e.g. 10%), measures indicated in para. 16 of the sampling standard (ver. 4.1) shall be followed.</div></div>	Input	Value	Notes	Actual sample size	143	Number of usage survey respondents	Sample proportion	0.8907	Usage rate	Standard error of the proportion	0.0261		Precision associated with a proportion	0.0429		Relative precision	4.8%	
Input	Value	Notes																	
Actual sample size	143	Number of usage survey respondents																	
Sample proportion	0.8907	Usage rate																	
Standard error of the proportion	0.0261																		
Precision associated with a proportion	0.0429																		
Relative precision	4.8%																		

Calculator to check if the precision has been met or not after a sampling survey is conducted

Input	Value	Notes
Actual sample size	131	Number of usage survey respondents
Sample proportion	0.9618	Usage rate
Standard error of the proportion	0.0164	
Precision associated with a proportion	0.0270	
Relative precision	2.8%	

Note:
If the estimates from the actual samples fail to achieve the target minimum levels of precision (e.g. 10%), measures indicated in para. 16 of the sampling standard (ver. 4.1) shall be followed.

Conservativeness:

Usage Rate – Across previous monitoring periods of the Lango Safe Water Project, the usage rate has been consistently above 95% based on the data received in the usage surveys. Therefore, the usage rate has been capped at 95% in these previous emission reduction calculations. PD's proposed resolution is that the usage rates obtained in this monitoring period be applied for the following period to all homogenous VPAs:

01/04/2024 – 31/03/2025 **87.09%**

01/04/2025 – 20/09/2025 **96.18% (capped at 95%)**

The lower usage rate is being applied for a larger proportion of the monitoring period to ensure conservativeness.

Tp,y – The value for Tp,y is 122.44 minutes per day in the February 2025 annual monitoring and 72.17 minutes per day in the August 2025 annual monitoring. Both reflect a reduction in time spent collecting water compared to the baseline (169.5 minutes per day), which is backed up by SDG5 claims in previous monitoring periods. The value of 122.44 minutes per day is applicable to the first 12 months of the monitoring period, and the value of 72.17 minutes per day applicable for the remaining months. The value for Tp,y will be weighted towards the February 2025 annual monitoring value, which is higher and therefore more conservative. This will ensure the value used for Tp,y is conservative across the monitoring period.

Cleanboil – The value for cleanboil has consistently been 0% across previous monitoring periods. Therefore, applying this value to all VPAs across the extended monitoring period is remaining conservative.

Is there any potential temporary or permanent impact of deviation on other aspects of the project?

Select the relevant area:

- ☐ Project design
- ☐ Local stakeholder consultation
- ☐ Safeguarding principles
- ☐ SDG assessment
- ☐ Regulatory compliance
- ☐ Additionality
- ☐ Applicability of methodology
- ☐ Annual emission reduction volume (*if yes, fill the table below*)

Annual emission reduction/removal before applying deviation	Annual emission reduction/removal after applying deviation
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XYZ tCO₂e

XYZ tCO₂e

	<input type="checkbox"/> any other matrix, please specify...
Summary of the impact	Describe the impact of the deviation on each relevant aspect of the project as selected above. Please substantiate the impact assessment with relevant and verifiable data/information.

There is no impact to the annual emission reduction figures based on the application of the parameter values proposed in this deviation request. Figures will remain in line with previous monitoring periods.

6.3 | VVB information

Is a VVB opinion on the deviation request required? <i>VVB opinion shall be included, where required by the requirements under Deviations Request Requirements and Procedures or request is submitted by the VVB.</i>	Yes <input type="checkbox"/> No <input type="checkbox"/> <i>If answer is yes, fill the information in section 6.4 below.</i>
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6.4 | VVB's assessment

The below information is to be completed by VVB, if applicable.

VVB's assessment of deviation request	Please confirm the nature of deviation.	
VVB's assessment of impact of deviation request		
VVB recommendation		
VVB details	VVB name:	
	Auditor name(s):	
	Email (s):	

6.5 | Documents:

6.5.1 | List of documents provided (*note that once a decision has been made by Gold Standard, this deviation form will be made public on the Gold Standard website. Kindly refrain from including any confidential information in the form.*)

Document 1.

Document 2.

Document n.

DOCUMENT HISTORY

VERSION NUMBER	RELEASE DATE	DESCRIPTION
6.0	12.11.2024	Editorial and structural changes to the template
5.0	11.04.2022	Additional information added: <ul style="list-style-type: none"> - date of listing, design certification, transition - standard version - specific reference to a requirement deviated from - any previous deviations/design changes approved - Guidance on VVB opinion
4.0	14.01.2021	Editorial changes
3.0	16.07.2020	Editorial changes
2.0	03.05.2018	Editorial changes
1.0	01.07.2017	Initial adoption