

FORM

FORM - DEVIATION REQUEST SUBMISSION

PUBLICATION DATE: 12/11/2024

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RELATED DOCUMENTS

- <u>Deviations Approval Requirements and Procedures</u>

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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 <u>Deviation Request Requirements and</u>

 <u>Procedures</u> 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 <u>Design Change Approval Requirements and Procedures</u> 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		DEVRQ-201	
Date of decision		04/09/2025	
Decision		on to apply the deviation decision] d [Decision is subject to compliance with the	
□ Not approved [reason for rejection is provided in decision summary			

4.2 | Decision

4.2.1 | **Decision Summary**

GS has evaluated the deviation request against GS4GG rules on methodology deviations and data sources. In this case the following were considered:

- The requirement for project-specific CCTs in MMECD v1.2 is to ensure accuracy and representativeness of the data for emission reduction calculations.
- The proposed third-party study adheres to the same CCT protocol and was conducted on the same stove models under similar conditions, which suggests that it satisfies the methodology's requirement.
- The external CCT data is published and peer-reviewed, which meets GS's expectation for reliable data sources.
- MMECD v1.2 also requires that any source of data used for such parameters should be recent (not more than 3 years old). Assuming it falls within the acceptable age limit and was conducted in a timeframe close to the project's start date, it would satisfy the requirement.
- It is critical that the conditions under which the third-party CCT was carried out correspond closely to the project's context. The study was conducted in Nepal by PEEDA (a local energy/environment organization) under the MECS program and thus suggests it was context-specific; this shows that the cooking practices are relevant to Nepali households targeted by your project. The VVB shall pay special attention to this aspect during validation.

After careful review, GS **approves** the deviation request to use the specified third-party CCT data in lieu of conducting new CCTs for determining SCb, SCp, and Pb,i,j under MMECD v1.2 (Case 2). This approval is granted on the basis that the third-party study provides high-quality, relevant data that meets the methodology requirements.

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

The approval is subject to the following conditions and requirements, which must be adhered to throughout the crediting period:

- 1. The PEEDA & MECS CCT study data must be directly applicable to the project's technology and target user group. The project developer shall document the comparison between study conditions and project conditions to confirm this alignment. Additionally, as noted above, the study data should be from within the last three years.
- 2. The project monitoring plan should clearly cite the source of the CCT data and describe the methodology of the PEEDA & MECS study. All relevant parameters (SCb, SCp, Pb,i,j) used in calculations must be traceable to the study's published results. Include references to the publication and a summary of how the tests were conducted. This will facilitate a transparent review and enable stakeholders or auditors to understand that the CCT values come from a vetted external source rather than project-run tests.
- 3. This deviation approval is valid for the full current crediting period as requested. The values obtained from the third-party CCT will be considered fixed for the duration of this crediting period, consistent with how MMECD v1.2 treats these parameters (they are fixed ex-ante and not monitored continuously). However, at crediting period renewal, the project must revisit these parameters.

All other relevant requirements of the methodology and Gold Standard rules must be followed. This deviation is granted only for the substitution of the CCT data source. Other monitoring parameters and procedures (for example, metered energy use measurements, usage surveys, leakage monitoring, etc. as applicable in MMECD) must be implemented as per the methodology and the registered Monitoring Plan.

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

During the project's validation and first verification, the VVB shall audit the use of the third-party data. They will verify that the CCT was conducted according to the recognized protocol and that the results were correctly interpreted. The VVB must confirm that the values for SCb and SCp derived from the PEEDA & MECS study are applied conservatively and appropriately in the emission reduction calculations.

VVB shall cross-check, with methods available at their disposal, the project's compliance with all the requirements mentioned in section 4.2.2 above.

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	□ Yes
	x No

 $^{^1}$ 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.

Does this decision set a precedent for future projects with similar circumstances? ²	□ Yes
Precedent details (if applicable to other activities)	
NA	

 $^{^2}$ 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.

Deviation Request Details

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

5.1 Submitted by	
□ Project developer	
□ CME	
□ VVB	
□ Other (specify)	
5.2 Details of the entity and its repr	esentative submitting the form
Thom	Information

Item	Information		
Name ³ :	Shamil Sameer		
Email ID ⁴ :	ssameer@atecglobal.io		
Organisation: ⁵ :	ATEC Australia-International Pty Ltd		
Are you an authorized project participant as per	⊠ Yes		
the cover letter submitted for this activity?	□ No		

5.3 | Background information

Туре	□ Project activity	□ PoA GSX>	«хх	□ VPA		
GS ID	GS12664	GS XXXX		GS XXXX		
		GS XXXX		GS XXXX		
Host country(ies)	Nepal					
Project Title Electric Cooking Program in Nepal by ATEC						
Registry link https://registry.goldstandard.org/projects/details/4736			4736			
Scale	☐ Microscale (GS)					
	⊠ Small scale					
	□ Large scale					
	□ Other, if applicable please specify below					
	Insert text here					
Certification Status and corresponding	⊠ Listed	□ Certified design	□ Certified project	□ Other		

 $^{^{3}}$ 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

date of latest status									If oth	ner, ify here
	29/10	/2024	dd/	mm/yy	///	dd/mm/y	////	/	dd/m	nm/yyyy
Applied version of	⊠ GS	4GG				·				
Standard	□ Pre	revious version of		of Version no.						
	Gold 9	Standard		□ 1.0		□ 1.1		1.2		□ 2.2
Transition date, if	From	previous GS	vers	ion to	GS4G	G	dd/mm/yyyy			
applicable	From	another stan	darc	to GS	4GG		dd,	/mm/y	УУУ	
	Name	of another s	tanc	lard	□ CI	DM	'			
					□ O	ther				
						Name of the Standard – Insert text here				text
Applicable activity	□ Renewable Energy Activity Requirements									
requirement	□ Community Services Activity Requirements									
	☐ Land-use and Forests Activity Requirements									
	□ Other									
	Insert	rt name here								
5.4 Project dev	/iation	history								
Is there any deviati							/PA	(s) tha	t	□ Yes
was submitted to G	S previ	ously? If yes, below informa			ormatio	nation.			⊠ No	
Reference number		Insert Text	here							
Status of the deviation		□ Approved	oved		□ Reje	ected		□ Und	☐ Under review	
Were there any findings (C			() Yes		□ No					
raised during any certification step (preliminary review, design and/or performance review etc.) that are relevant to this deviation request?			Su	mmar	y of t	he findings	5			
				,		e CL, CAR, I reference to				

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	METHODOLOGY FOR METERED & MEASURED ENERGY COOKING DEVICES
	Version	V 1.2
	Paragraph	Section 3.11, MECD 7, MECD 8

6.2 | Description of the deviation

Title	Deviation on CCT data source.				
Confirm the nature of	□ Temporary		⊠ Permanent		
changes related to deviation	(e.g. not expected to occur beyond one monitoring period)		(e.g. deviation from requirements prior to submission for certification)		
	The deviation is with rega applicable to the whole cr		he CCT data source and will be period.		
Relevant monitoring	Start date	N/A			
period, if applicable	End date	N/A			
Summarise the changes	This project seeking deviation request from Gold standard is undergoing its electric stove implementation in host country Nepal and is using 'Methodology for Metered & Measured Energy Cooking Devices V 1.2' Case-2 scenario for its Emission Reduction estimation. Hence, the project is required to conduct Controlled Cooking Tests (CCT) and use its results for the parameters 'SCb', 'SCp' and 'Pb,i,j'. As per the referred methodology requirements, Small scale and Large scale projects are required to perform a separate CCT and cannot use methodology default values or third party values. PD through this deviation request indents to deviate from this requirement and use CCT data from a validated third party CCT study, instead of performing new sets of CCTs in Nepal for this particular project.				
Reason for deviation	It is planned not to conduct a new CCT for the project from PD's end, to avoid duplication of efforts and cost for a new CCT and since the CCTs conducted by PEEDA aligns with the CCT protocols and requirements. Moreover, the baseline stove and induction stove used in the CCT conducted by PEEDA matches to the baseline stove and project stove of the project under implementation.				
Proposed resolution	The proposed resolution here is the use of CCT results from the CCT study conducted in Nepal as part of the 'Electric Cooking Outreach' (ECO) pilot studies conducted in Nepal by PEEDA organization in collaboration with MECS. The CCT data planned to be taken from the third party study are:				
	SCb-				
	Firewood: 2.38 MJ/person/event				

SCp-

Induction stove: 0.2808 MJ/person/event

- These tests were conducted in accordance with the latest CCT protocol, covering common baseline stoves and electric cooking appliances.
- The CCTs were based on the most commonly prepared dishes in Nepal, identified through direct consultation with local communities.
- The tests were carried out independently by PEEDA and MECS, with no involvement from the project developer, ensuring objectivity in data collection.
- The results have undergone a meta-analysis and validation process, and were included in the study Scott, N. & Leach, M. (2022), which is specifically referenced in the MMECD v1.2 methodology. Additionally, this study was peer-reviewed and published in the *Energies journal,* further supporting the credibility of the data.
- The CCT results used here could be considered conservative as the SCb values are less than and SCp value is greater than that of the default values provided in the methodology.

Stove	Specific energy consumption from PEEDA CCT in Nepal (MJ/person/event)	Methodology Default Specific energy consumption for Asia (MJ/person/event)	
Firewood stove	2.38	2.83	
LPG stove	0.38	0.69	
Induction stove	0.2808	-	
EPC	-	0.162	

Is there any potential |Select the relevant area: temporary or permanent impact of deviation on other aspects of the project?

□ 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 Annual emission reduction/ reduction/removal before applying removal after applying deviation deviation

	N/A			N/A			
	any ot	□ any other matrix, please specify					
Summary of the impact	ne N/A						
Insert text he	ere						
6.3 VVB inf	formation						
Is a VVB opinion required?							
6.4 VVB's a	assessment		'				
The below info	ormation is to b	e complet	ted by	y VVB, if applicable.			
VVB's assessing deviation requirements		Please co	onfirm	the nature of deviation.			
VVB's assessr	ment of impact						
of deviation r	equest						
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. CCT study report

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: - 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