Gold Standard for Global Goals Verification Report

GOLD STANDARD VERIFICATION OF
GS PROJECT NO. (GS-7079)

72 MWac Kamuthi Renewable Energy Project by Kamuthi Renewable Energy Limited at Tamil Nadu

Report No. 10857SK

25 June 2022

TÜV SÜD South Asia Pvt. Ltd.
Solitaire, I.T.I. Road, Aundh
Pune- 411007
INDIA

Title of the project activity	72 MWac Kamuthi Renewable Energy Project by Kamuthi Renewable Energy Limited at Tamil Nadu
GS Reference number of the project activity	GS 7079
Version number of the verification and certification report	5.0
Completion date of the verification and certification report	25/06/2022
Monitoring period number and duration of this monitoring period	09/11/2018 to 31/12/2020
Version number of monitoring report to which this report applies	05
Crediting period of the project activity corresponding to this monitoring period	09/11/2018 to 08/11/2023
Project participant(s)	Kamuthi Renewable Energy Limited
Host Party	India
Sectoral scope(s)	1
Methodology (ies)	ACM0002 "Grid-connected electricity generation from renewable sources" Version 20.0
Estimated amount of annual average certified SDG impact (as per approved PDD)	110,317 tCO_2e
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	246,415 $tCO2e$ Year | Emission Reductions (tCO_2)

<table>
<tr><td></td><td><table><tr><td>2018</td><td>14097</td></tr><tr><td>2019</td><td>119,979</td></tr><tr><td>2020</td><td>112,340</td></tr><tr><td>Total</td><td>246,415</td></tr></table></td></tr>
<tr><td>Name of DOE</td><td>TUV SUD South Asia Pvt Ltd (E-0005)</td></tr>
<tr><td>Name, position and signature of the approver of the verification and certification report</td><td>Eswar Murty, Sr. Manager
Certification Body, TUV SUD South Asia Pvt Ltd</td></tr>
</table>

Table of Contents Page

1 METHODOLOGY

1.1 Objective

TÜV SÜD has been commissioned by the aforementioned client to perform an independent verification assessment.

The objective of the verification work is to comply with the requirements of Gold Standard requirements. According to this assessment TÜV SÜD shall:

- ensure that the project activity has been implemented and operated as per the registered PDD, and that all physical features (technology, project equipment, monitoring and metering equipment) of the project are in place,
- ensure that the published MR and other supporting documents provided are complete, verifiable and in accordance with applicable GS4GG and CDM requirements,
- ensure that the actual monitoring systems and procedures comply with the monitoring systems and procedures described in the monitoring plan and the approved methodology,
- evaluate the data recorded and stored as per the applicable requirements.
- assessment of the sustainability monitoring parameters as per the GS requirements.

1.2 Scope

The scope of any assessment is defined by the underlying legislation, regulation and guidance given by relevant entities or authorities. In the case of GS project activities, the scope is set by:

- ➢ GS 4 GG requirements
- ➢ Clean Development Mechanism Validation And Verification Standard (VVS) for Project Activities v2.0
- ➢ Baselines and monitoring methodologies (including GHG inventories)
- ➢ Environmental issues relevant to the applicable sectoral scope
- ➢ Applicable environmental and social impacts and aspects of GS project activity
- ➢ Current technical and operational knowledge of the specific sectoral scope and information on best practice
- ➢ Stakeholder consultation and feedback

The verification process is not meant to provide any form of consulting for the project participant (PP). However, stated requests for clarifications, corrective actions, and/or forward actions may provide input for improvement of the project design.

Once TÜV SÜD receives the MR, it is made available on the GS Registry through a dedicated interface on the Gold standard website. The Verification shall commence only after the project documents are listed on the registry.

1.3 Verification Process

The information provided by the project participants is assessed by applying the means of verification specified in the GS4GG, Toolkit and the VVS.

A competent assessment team is selected prior to the start of the verification. The team is selected to cover the technical area(s), sectoral scope(s) and relevant host country experience for evaluating the

GS project activity. Additionally, a competent Technical Reviewer or Technical Reviewer Team is appointed to conduct checks on quality and completeness.

The verification team performs first a desk review, followed by an on-site visit, which results in the formation of a draft report and a list of findings. The next step involves the evaluation of the findings through direct communication with the PPs and then finally the preparation of the verification report. This verification report and other supporting documents then undergo an internal quality control by the CB “Environment and energy” before submission to the GS.

1.4 Appointment of the Team

According to the technical scopes and experiences in the sectoral or national business environment, TÜV SÜD has composed an assessment team in accordance with the appointment rules of the TÜV SÜD Certification Body “Environment and Energy”.

The composition of an assessment team has to be approved by the Certification Body (CB) to assure that the required skills are covered by the team. The CB of TÜV SÜD operates the following qualification levels for team members that are assigned by formal appointment rules:

- Assessment Team Leader (ATL);
- Verifier (V);
- Verifier Trainee (T);
- Technical Experts (TE);
- Country expert (CE);
- Technical reviewer (TR).

It is required that the sectoral scope(s) and the technical area(s) (TA) linked to the methodology/ies and project has to be covered by the assessment team. Appointment certificates of the selected team members are attached to this report as Annex.

Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Verification findings
1.	Team Leader, Verifier & Technical Expert	EI	Kewat	Shailendra	TUV SUD South Asia	☒	☒	☒	☒

Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	IR	Murty	Eswar	TUV SUD South Asia
2.	Approver	IR	Murty	Eswar	TUV SUD South Asia

1.5 Review of Documents

The Monitoring Report version 01 was submitted to DOE before the verification activities started. The MR was assessed based on all the relevant documents. The aim of the assessment in the desk review was to:

- verify the completeness of the data and the information presented in the MR.
- check the compliance of the MR with respect to the monitoring plan depicted in the registered PDD and verify that the applied methodology was carried out. Particular attention to the frequency of measurements, the quality of the metering equipment including calibration requirements, and the quality assurance and quality control procedures was paid,
- evaluate the data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions.

A complete list of all documents reviewed is available in the Information Reference List attached as Annex 2 to this report.

1.6 On-site Assessment and follow-up Interviews

A site inspection was carried out to check the project design and confirm that the project is implemented and operated as described in the PD. The project site visit was inspected on *02/08/2021* and discussion on implementation and operation of the project and operation was conducted by studying related documents at project site. Also, relevant monitoring procedures were checked, environmental impacts of the project activity was conducted as well.

To physically verify the compliance of project installation with the methodology, relevant tools and the GS standard requirements, the verification team at project site, accompanied by representatives of PP.

In addition to physical checks, the verification team interviewed the PP and it was confirmed that the project is greenfield renewable energy project. Thus, the baseline scenario is in compliance with the requirements of the methodology.

Duration of Audit & Interviews:				
No.	**Activity performed on-site**	**Site location**	**Date**	**Team member**
1.	During the site assessment of the project TUV SUD team has assessed the implementation and operation of the project activity, reviewed the information flows for generating, aggregating and reporting the monitoring parameters, interviewed key personnel of the project.	Tamil Nadu	02/08/2021	Shailendra Kewat

Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1	-	Sankaranarayanan	Site-In-charge	02/08/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
2	-	Samardev	Engineer	02/08/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
3	Gurlhosur	Sharddha	Consultant	02/08/2021	Monitoring, sampling,project implementation and ER calculations	Shailendra Kewat

Apart from them the following local stakeholders were interviewed :

Interviewed Personnel	Functions	Organization	Subject
Chetan	Local stakeholder	Villager	General aspects of the project, Quality management system, Environmental and social issues, Projects contribution to sustainable development, greviance mechanism
Vivek	Local stakeholder	Villager	
Shivam	Local stakeholder	Villager	
Kamini	Local stakeholder	Villager	
Gauravi	Local stakeholder	Villager	
Shankar	Local stakeholder	Villager	
Arjun	Local stakeholder	Villager	
Anana	Local stakeholder	Villager	
Pillai	Local stakeholder	Villager	
Arkanan	Local stakeholder	Villager	

No negative feedback has been received

As a part of continuous feedback from stakeholders, the grievances register is being placed at project site and is being continuously monitored and addressed through the grievances cell on regular basis.

For the current monitoring period no greviances has been recieved.

1.7 Resolution of Clarification and Corrective and Forward Action Requests

The objective of this phase of the verification is to resolve the requests for corrective actions, clarifications, and any other outstanding issues which need to be clarified for TÜV SÜD`s conclusion on the achieved emission reductions. 2 CARs, four CL and no FARs were raised during the course of verification. All the CARs and CRs raised by TÜV SÜD are resolved during communication between the client and TÜV SÜD. To guarantee the transparency of the verification process, the concerns raised and responses that have been given are documented in detail in the List of Findings that is attached as Annex 1 to this report.

1.8 Internal Quality Control

Internal quality control within the team is assured by means of a technical review process that takes place after the on-site assessment and after closure of findings. The internal quality control in the verification process is given by the final decision (Verification and Certification Conclusion) made by the CB “Environment and Energy”.

2 CARBON VERIFICATION AND REPORTING

In the following sections, the results of the verification are stated. The verification results relate to the project performance as documented and described in the final PDD and final Monitoring Report. The verification findings for each verification subject are presented below.

2.1 FARs from Validation / Previous Verification

No FARs envisaged from previous verification This is first periodic verification for the project activity.

However FARs raised during last verification are resolved which are as follows:

FAR # 1: During the validation process physical site visit is not conducted, VVB shall check/review the project implementation in accordance with the PDD, during first verification of the project activity.

Response : during this verification site visit has been done. There is no change in project implementation. The data has found to be consistent with registered PDD

FAR # 2: The verification VVB shall check the start date of crediting period.

The crediting period is 09/11/2018 to 08/11/2023. The monitoring period for this verification is 09/11/2018 to 31/12/2020. The start date of crediting period is 09/11/2018 which is found appropriate as the design certification date is 09/11/2020 the 10.2.1 of GHG Emissions Reduction & Sequestration Product Requirements v.2.1 states that“The start date of Crediting Period is the date of start of operation (start of planting for A/R Projects) or a maximum of two years (three years for A/R & AGR) prior to the date of Project Design Certification, whichever occurs later.”

2.2 Project Implementation in accordance with the registered PDD

The project activity aims to harness solar energy through installation of PV with total installed capacity of 72 MWac (corresponding to 86.4 MWp). The solar PV power plant will have solar PV modules, inverters, transformers and other protection system and supporting components. Prior to the project activity, the land was private land and for the implementation of the project, the land was purchased from the land owners. All the sale deed between land owner and the Project proponent i.e. Kamuthi Renewable Energy Ltd. are available with the PP.

Thus, the changes in project activity specifications information will not affect the design of project activity, the applicability of methodology, additionality of project activity and scale of project activity. And there would be no need to revise PDD in case of equipment configuration changes as the overall output capacity of the project is within the project capacity as in registered PDD. It is to be noted that in case of future replacement, PP will replace the equipment's by the same make and the changes made in the future will be transparently reflected in the monitoring report.

The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 110,317 tCO_2e per annum, thereon displacing 117,122 MWh/year amount of electricity from the generation mix of power plants connected to the Indian electricity grid, which is mainly dominated by thermal/fossil fuel based power plant. The project activity installs of a new grid-connected renewable power plant/unit and this is not a CPA that has been excluded from a registered CDM PoA as a result of erroneous inclusion of CPAs.

The crediting period of the project is from 09/11/2018 to 08/11/2023.

The Project is located at Village O. Karisalkulam, Tehsil: Kamuthi, Dist .Ramanthpuram, Tamilnadu. The project coordinates are 9°19'1.33"N and 78°23'45.01"E.

2.3 Sampling Approach

PP did not apply sampling plan to determine data and parameters monitored during this monitoring period. The verification team has checked all the documents such as JMR issued by State electricity board /Invoices etc. and hence sampling plan was not required. The verification team hereby confirms that has checked all the documents

2.4 CLs, CARs and FARs raised

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form			
Compliance of the project implementation with the registered PDD	1		
Post-registration changes			
Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline	2		
Compliance of monitoring activities with the registered monitoring plan			
Compliance with the calibration frequency requirements for measuring instruments			
Assessment of data and calculation of emission reductions or net removals		1	
Others (Assessment of SDG outcomes)	1	1	
Total	4	2	0

2.5 Compliance of the Monitoring Plan with the Methodology

During the document review and furthermore during the site visit the verification team has reviewed the registered monitoring plan and compared it with the monitoring methodology to verify their compliance. The verification team confirmed that the implemented monitoring plan is in compliance with the registered PDD and the monitoring methodology as well.

2.6 Compliance of the Monitoring with the Monitoring Plan

The monitoring has been carried out in accordance with the monitoring plan contained in the registered PDD. All parameters were monitored and determined as per the Monitoring Plan.

The verification of the parameters required by the monitoring plan is provided as follows:

The monitoring has been carried out in accordance with the monitoring plan contained in the registered PDD. All parameters were monitored and determined as per the Monitoring Plan.

The verification of the parameters required by the monitoring plan is provided as follows

<table>
<tr><th>Data / Parameter:</th><th>$EG_{PJ,y}$</th></tr>
<tr><td>Data unit:</td><td>MWh</td></tr>
<tr><td>Description:</td><td>Quantity of net electricity supplied to the grid</td></tr>
<tr><td>Source of data used:</td><td>Generation statement provided by TANGEDCO every month.</td></tr>
<tr><td>Means of verification/Comments:</td><td>VVB has verified the JMR issued by the TANGEDCO for the each month and found the generation data in line with the ER sheet. This value has been cross-checked with the invoice raised by PP
The meters installed is calibrated as per CEA rules to avoid error in values
The project comprises o 3 Energy meters (1 main meter and 1 check meter, 1 standby meter) under control of PP :
1 main meter : TNW01988
1 check meter : TNW01989
1 standby meter : TNE81542
Energy meters sealed and under control of TANGEDCO used for joint metering installed at interconnection point of the Grid at project site. The details of energy meters are given below:
<table>
<tr><td>Details</td><td>Main meter</td><td>Check meter</td></tr>
<tr><td>Meter number</td><td>TNW01988</td><td>TNW01989</td></tr>
<tr><td>Make</td><td>Secure</td><td>Secure</td></tr>
<tr><td>Class</td><td>0.2S</td><td>0.2S</td></tr>
<tr><td>Calibration date</td><td>27/08/2018</td><td>27/08/2018</td></tr>
<tr><td>Calibration frequency</td><td colspan="2">Once in 5 years as per CEA guidelines</td></tr>
</table>
</td></tr>
<tr><td>Cross-check</td><td>Quantity of net electricity supplied to the grid will be cross-checked from the Invoices/ Monthly Bill raised by the Project Participant to Ramnad Electricity Distribution Circle, TANGEDCO.</td></tr>
</table>

Data / Parameter:	Emission reductions
Data unit:	tCO_2

Description:	Reduction in CO2 emission reduction due to implementation of project activity
Source of data used:	Calculated as per “Tool to calculate the emission factor for an electricity system,”. The data are obtained from “CO_2 Baseline Database for Indian Power Sector” version 15.0, published by the Central Electricity Authority, Ministry of Power, Government of India.
Means of verification/Comments:	Emission reduction calculated in line with applied methodology and PDD V04. ER calculation checked in ER spread sheet and found to be correct and conservative.
Cross-check	A check meter is also installed near to the export meter to cross check the electricity exported to the grid. The check meter reading would also be used in case of failure of export meter. The ex-ante value for grid emission factor (EF) sourced from latest CEA database in the registered PDD has been correctly applied in the calculation of emission reductions.

Data / Parameter:	Quality of employment
Data unit:	Number (employees)
Description:	Number of project employees with number of male/female, permanent/temporary, age and person with disabilities.
Source of data used:	Training Records (HSE & HR) & Employee feedback forms. Salary Slip of the project employees.
Means of verification/Comments:	HR records and salary slip has been verified and found PP has employed 22 employees for this monitoring period. Also, PP has confirmed that total 10trainings have been provided to their employees during current monitoring period. The training details is as follows:

S. No.	Name of Training	No of participants	Date of Training
1	Manual material handling	8	13/09/2019
2	gensuite training	8	12/10/2019
3	First aid awareness	8	12/11/2019
4	JSA training	10	21/11/2019
5	Hand and power tool training	10	25/11/201
6	PPE Training	16	25/11/2020
7	EMS training	16	20/11/2020
8	First aid care	9	10/11/2020
9	Bike slip awareness	11	30/10/2020
10	Fire and hot work training	17	24/01/2020

Cross-check	DOE has cross verified the training records submitted by PP

Data / Parameter:	Quantitative employment and income generation
Data unit:	Number (training) INR (Salary)
Description:	Number of Trainings provided to employees & O&M staff Salary given to the employees of the project.
Source of data used:	Training Records (HSE & HR) & Employee feedback forms. Salary Slip of the project employees.
Means of verification/Comments:	PP has confirmed that total 10trainings have been provided to their employees during current monitoring period and same has been verified by the training records submitted by the PP. Slaray paid to employees has been verified through salary slips submitted by PP.
Cross-check	The number of persons employed would be mentioned in the plant register, which is crossed checked with daily attendance register. Salary slip can be checked for earnings of female and male employees

3 SUSTAINABILITY VERIFICATION

The monitoring has been carried out in accordance with the GS sustainability monitoring plan contained in the registered PDD and annex. All the sustainability parameters were monitored and determined as per the Monitoring Plan.

3.1 Assessment of SDG outcomes for the current Monitoring period

SDG Indicator	SDG 7: Affordable and clean energy
Data Unit :	MWh/ year
Description :	Quantity of net electricity supplied to the grid.
Source of data used :	Generation statement provided by TANGEDCO every month.
Means of verification /comments :	Quantity of electricity supplied during current monitoring period is 261,616. Same has been verified with the JMR submitted by PP. Amount esimated in registered PDD: 117,122 MWh/Annually Quantity of net electricity supplied to the grid is cross checked from the Invoices/ Monthly Bill raised by the Project Participant

SDG Indicator	SDG 13: Climate Action
Data Unit :	tCO_2

Description :	Reduction in CO2 emission reduction due to implementation of project activity
Source of data used :	Calculated as per "Tool to calculate the emission factor for an electricity system,". The data are obtained from "CO2 Baseline Database for Indian Power Sector" version 15.0, published by the Central Electricity Authority, Ministry of Power, Government of India.
Means of verification /comments :	Estimated ER in the PDD was: 110,317 tCO2/Annually ER achieved during current monitoring period is 246,415 tCO2 Year / VERs: 2018 — 14096 2019 — 119,979 2020 — 112,340 The above data has been checked from the JMR. the ex-ante value for grid emission factor (EF) sourced from latest CEA database in the registered PDD has been correctly applied in the calculation of emission reductions.

Year	VERs
2018	14096
2019	119,979
2020	112,340

SDG Indicator	SDG 8: Decent work and economic growth
Data Unit :	Number (employees) Number(Trainings) INR (salary)
Description :	Number of Trainings provided to employees & O&M staff Number of project employees Salary given to the employees of the project.
Source of data used :	Training Records (HSE & HR) & Employee feedback forms Salary Slip of the project employees
Means of verification /comments :	Total 10 trainings has been given to the employees during current monitoring period. DOE has verified the training records for the same.

The adequacy and compliance of the monitoring plan in the Monitoring report was found as per the requirements laid by the approved GS4GG PDD. The information flow (from data generation, aggregation, to recording, calculation and reporting) is already included under respective parameter above. The verification team has verified all the data and collected evidence as per the required monitoring frequency and found to be correct and appropriate meeting the requirements of the applied methodology and registered PDD. As a part of continuous feedback from stakeholders, the grievances register is being placed at site and is being continuously monitored and addressed through the grievances cell on regular basis and maintained in a register.

3.2 Assessment of Data and Calculation of Greenhouse Gas Emission Reductions

Means of verification	Baseline Emissions for the amount of electricity supplied by project activity, BEy is calculated as: Project emissions: Project Emissions, PEy = 0 Emission reductions: Calculation of baseline emission is as follows; $BEy = EG_{PJ,y} \times EF_{grid,CM,y}$ Where, BE_y = Baseline emissions in year y (t CO_2/yr) $EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh/yr) $EF_{grid,CM,y}$ = Combined margin CO_2 emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system" (t CO_2/MWh). The amount of ERs generated year wise are as follows: **Year** | **VERs** 2018 | 14096 2019 | 119,979 2020 | 112,340
Findings	N/A
Conclusion	As a result of verification of the ER calculation process, the assessment team confirmed that all the parameters required for the determination of the emission reductions have been included in the Monitoring report Version 01 & Monitoring report Version 03 and corresponding ER calculation spreadsheets and are consistent with the applied methodology ACM0002 version 20.0 and the monitoring plan contained in the registered PDD. The parameters are complete in this monitoring period.

4 VERIFICATION OPINION

TUV SUD South Asia has performed first verification of the emission reductions reported for the project activity “72 MWac Kamuthi Renewable Energy Project by Kamuthi Renewable Energy Limited at Tamil Nadu”, GS Reference No. 7079 for the period 09/11/2018 to 31/12/2020, with regard to the relevant GS4GG principles and requirements. The project participants are responsible for the collection of data in accordance with the monitoring plan and the reporting emission reductions from the project.

For the current monitoring period 09/11/2018 to 31/12/2020 the total emission reduction achieved is 246,415

It is TUV SUD’s responsibility to express an independent verification opinion on the reported emission reductions from the project and does not express any opinion on the selected baseline scenario or on the validated and registered PDD. Based on documented evidences and corroborated by an on-site assessment TUV SUD can confirm that:

(i) the project has been implemented and operated as per the PDD;
(ii) the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable GS4 GG principles and requirements;
(iii) the monitoring is in place as per the applied baseline and monitoring methodology; (iv) the monitoring complies with the monitoring plan;
(iv) the monitoring plan in the PDD is as per the applied baseline and monitoring methodology.

Annex 1:List of Findings

Table 1. CL from this verification

CL ID	01	**Section no.**		**Date:**04/08/2021
Description of CL				
Generation data for the following months are missing: 2018 – November and December 2019 – Feb, June to Aug and December 2020 – Feb, Oct to December				
Project participant response				**Date:** 17/08/2021
The Generation for the current monitoring period is hereby provided along with this submission to assement team.				
Documentation provided by project participant				
Generation data for the following months: 2018 – November and December 2019 – Feb, June to Aug and December 2020 – Feb, Oct to December				
DOE assessment				**Date:** 25/08/2021
Complete generation data is submitted. CL is closed				

CL ID	02	**Section no.**		**Date:** 04/08/2021
Description of CL				
PP has to submit the following documents: 1. Calibration details of meters 2. Training records for monitoring period 3. Sample Salary slips 4. Latest photographs of the site 5. HSE logbook for hazardous waste management 6. ERPA				
Project participant response				**Date:** 17/08/2021
The Calibration certificate of energy meters, training records, sample salary pay slip, latest site photographs , HSE Logbook & ERPA document for this monitoring period is hereby provided along with this submissions to the assessment team.				
Documentation provided by project participant				

1. Calibration details of meters 2. Training records for monitoring period 3. Sample Salary slips 4. Latest photographs of the site 5. HSE logbook for hazardous waste management 6. ERPA				
DOE assessment				**Date:** 25/08/2021
All requested documents submitted for verification. CL is closed				

CL ID	03	**Section no.**	A.4	**Date:** 04/08/2021
Description of CL				
Please clarify the implementation status of the project, statement made "The Project will be located at Karisalkulam, Tehsil: Kamuthi, Dist .Ramanthpuram, TamiKarisalkulam, Tehsil: Kamuthi, Dist .Ramanthpuram, Tamilnadu" in the section is confusing.				
Project participant response				**Date:** 17/08/2021
The project has been implemented and is undergoing its first verification for the monitoring period 09/11/2018 to 31/12/2020 .The Project is located at Village O. Karisalkulam, Tehsil: Kamuthi, Dist .Ramanthpuram, Tamilnadu. It has been commissioned on 31/03/2016.The correction for the same has been made in the MR.				
Documentation provided by project participant				
Revised MR version 02				
DOE assessment				**Date:** 25/08/2021
Revised MR has been received. CL is closed				

CL ID	04	**Section no.**	E.5 and ER sheet	**Date:** 04/08/2021
Description of CL				
Value of number of training and Salary disbursed are inconsistent in MR and ER sheet				
Project participant response				**Date:** 17/08/2021

Value of number of training and Salary has been made consistent in the MR. The training programmes help in making the workforce efficient and skilled at their job. For this monitoring period a total of 5 training was conducted. The income generated is 21,839,000 INR

S. No.	Name of Training	No of participants	Date of Training
1.	PPE Training	16	25/11/2020
2	EMS training	16	20/11/2020
3.	First aid care	9	10/11/2020
4.	Bike slip awareness	11	30/10/2020
5.	Fire and hot work training	17	24/01/2020

Documentation provided by project participant	
Revised MR version 02 Training records	
DOE assessment	**Date:** 25/08/2021
MR and ER has been made consistent. CL is closed.	

Table 2. CAR from this verification

CAR ID	01	**Section no.**	D.2	**Date:** 04/08/2021
Description of CAR				
Value of SDG indicator has not been mentioned in the section D.2				
Project participant response				**Date:** 17/08/2021
Value of SDG indicator has been mentioned in the section D.2				
Documentation provided by project participant				
Revised MR version 02 Calibration certificate				
DOE assessment				**Date:** 25/08/2021
MR has been revised. CAR is closed				

CAR ID	02	**Section no.**	MR & ER	**Date:** 04/08/2021
Description of CAR				
Numbers of energy meters are not consistent in the MR. PP has to mention the correct numbers and provide the calibration details in the MR.				

Project participant response	Date: 17/08/2021
Projects activity comprises of installation of 6 Energy meters installed at the at project site, 3 Energy meters (1 main meter and 1 check meter, 1 standby meter) under control of PP and 3 Energy meters (1 main meter, 1 check meter, 1 standby meter) sealed and under control of TANGEDCO used for joint metering installed at interconnection point of the Grid at project site. Numbers of energy meters has been made consistent in the MR along with calibration details.	
Documentation provided by project participant	
ER sheet version 2 Revised MR version 2	
DOE assessment	**Date:** 25/08/2021
MR and ER sheet has been made consistent. CAR is closed.	

Table 3. FAR from this verification

NA.

Annex 2
Information Reference List

REF. NO.	Author/Editor/ Issuer	Title/Type of Document. Publication place	Issuance and/or sub-mission date (dd/mm/yyyy)	Addi-tional In-for-mation (Rele-vance in CDM Context)
1.	Adani Green Energy Limited (AGEL)	GS 7079 Revised PDD version 5	01/11/2020	
2.	AGEL	GS 7079 Monitoring Report version 01	23/06/2021	
3.	AGEL	GS 7079 Monitoring Report version 03	20/09/2021	
4.	Gold Standard	GS 7079 project page		
5.	AGEL	GS 7079 ER calculation sheet version 01	23/06/2021	
6.	AGEL	GS 7079 ER calculation sheet version 03	20/09/2021	
7.	AGEL	Field data sheets for ER and SDG monitoring	2018-2020	
8.	AGEL	Emplyees log book record	2018-2020	
9.	AGEL	Sample salary slips of employees	2018-2020	
10.	AGEL	List of Employees	2018-2020	
11.	AGEL	Training records	2018-2020	
12.	AGEL	GS 7079 Monitoring Report version 04	20/05/2022	
13.	AGEL	GS 7079 ER calculation sheet version 04	20/05/2022	
14.	AGEL	JMR & Invoice	2018-2020	
15.	AGEL	Transition review final PDF	28/04/2022	
16.		GS 7079 Revised PDD version 7	18/12/2020	
17.	AGEL	GS Validation report Version 03	18/12/2020	
18.	AGEL	7079 design review final PDF	30/12/2020	
19.	UNFCCC	CDM webpage https://cdm.unfccc.int/Projects/DB/Ap-plus1595357498.47/view		
20.	AGEL	CDM PDD version 05	10/07/2020	
21.	AGEL	CDM Validation report 03	16/07/2020	
22.	AGEL	Greviance register	2018-2020	
23.	AGEL	ERAA agreement		

Annex 3
Appointment Certificates

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

CERTIFICATE OF APPOINTMENT

Mr. Murty. Eswar fulfils the requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd to participate in audits.

Qualification applicable to					
Standard	CDM	GS	VCS	ISO-14064-1:2006	Other
	☒	☒	☒	☒	☐

Qualification as						
Status	Validator	Verifier	ATL	Technical Reviewer	Financial Expert	Technical Expert
	☒	☒	☒	☒	☒	☒
TA (s)	1.1, 1.2, 3.1, 4.1, 13.1					

Country Expertise						
Region	1	2	3	4	5	Other
	☒	☐	☐	☐	☐	
Further countries						

Technical Area
1.1_Thermal Energy Generation
1.2_Renewables
3.1_Energy demand
4.1_Cement and lime production
13.1_Solid waste and wastewater

This appointment is valid until 31.05.2021 and is bound by internal requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd.
In case of loss of validity of this certificate as per result of an assessment according to internal procedures or due to any other reason, it will be properly communicated to you.
Your Certificate has the internal reference no. CB-IND-CCP-0031/011.

Date	Signature
01/06/2020	

IS-CMS-CB-POG-01/05, version 03

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TÜV SÜD South Asia ● Solitaire 4th Floor ● ITI Road, Aundh ● Pune – 411007 ● Tel. +91 20 6684 1200 ● Fax: +91 20 6684 1281

South Asia

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

CERTIFICATE OF APPOINTMENT

Mr. Kewat, Shailendra fulfills the requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd to participate in audits.

Qualification applicable to					
Standard	CDM	GS	VCS	ISO-14064-1: 2006	Other
	☒	☒	☒	☒	☐

Qualification as						
Status	Validator	Verifier	ATL	Technical Reviewer	Financial Expert	Technical Expert
	☒	☒	☒	☐	☒	☒
TA (s)	1.2, 3.1, 5.1, 13.1					

Country Expertise						
Region	1	2	3	4	5	Other
	☒	☐	☐	☐	☐	
Further countries						

Technical Area
1.2_Renewables
3.1_Energy Demand
5.1_Chemical Industries
13.1_Solid waste and waste water

This appointment is valid until 31.05.2021 and is bound by internal requirements of the Certification Body 'Environment and Energy' of TÜV SÜD South Asia Pvt Ltd.
In case of loss of validity of this certificate as per result of an assessment according to internal procedures or due to any other reason, it will be properly communicated to you.
Your Certificate has the internal reference no: CB-IND-CCP-0105/001.

Date	Signature
01/06/2020	

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