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Verification Report

**GOLD STANDARD VERIFICATION OF
GS PROJECT NO. (GS-7139)**

**50 MW (DCR) Nalgonda Solar PV
Power Project by Parampujya Solar
Energy at
Telangana**

Report No. 10854SK

18 October 2022

**TÜV SÜD South Asia Pvt. Ltd.
Solitaire, I.T.I. Road, Aundh
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INDIA**



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Title of the project activity	50 MW (DCR) Nalgonda Solar PV Power Project by Parampujya Solar Energy at Telangana
GS Reference number of the project activity	GS 7139
Version number of the verification and certification report	06
Completion date of the verification and certification report	18/10/2022
Monitoring period number and duration of this monitoring period	16/11/2018 to 31/12/2020 (both days included)
Version number of monitoring report to which this report applies	05
Crediting period of the project activity corresponding to this monitoring period	16/11/2018 to 15/11/2023
Project participant(s)	Adani Green 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	89,549 tCO _{2e}



South Asia

average certified SDG impact (as per approved PDD)		
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	217,077 tCO ₂ e	
	Year	Emission Reductions (tCO ₂)
	2018	10,380
	2019	101,755
	2020	104,942
	Total	217,077
Name of DOE	TUV SUD South Asia Pvt Ltd (E-0005)	
Name, position and signature of the approver of the verification and certification report	 Eswar Murty, Sr. Manager Certification Body, TUV SUD South Asia Pvt Ltd	

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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		Last name	First name	Affiliation	Involvement in
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					(e.g. name of central or other office of DOE or out-sourced entity)	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

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.

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.	nalgonda	29/07/2021	Shailendra Kewat

Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1	angara	Pavankumar	Site-Incharge	29/07/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
2	-	Shankarnaman	Maintenance head	29/07/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
3	S.	Prasad	Engineer	29/07/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
2	Gurllhosur	Shradhha	Consultant	29/07/2021	Monitoring, sampling, project implementation and ER calculations	Shailendra Kewat

Apart from them the following stakeholders were interviewed :

Name	Affiliation	Subject
Aman	Teacher	General aspects of the project, Quality management system, Environmental and social issues, Projects contribution to sustainable development, grievance mechanism
ranji	Housewife	
Rani	Student	
Lajuo	Farmer	
Shiva	Farmer	
Prama	Farmer	
Deepa	Farmer	
shyam	Driver	
Vikram	Driver	

Some Questions were as follows:

1. Are employment opportunities provided?
Response from villager : yes, locals are employed
2. Are you aware about the grievance mechanism?
Response from villager : yes
3. Is the project causing any harm to land and Environment?
Response from villager : No

No negative comments were received

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, 2 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 in-

ternal 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 and or Validation. This is 1st periodic verification for the project activity.

2.2 Project Implementation in accordance with the registered PDD

The project activity is the installation of a new grid-connected renewable power plant/unit. The electricity generated from project activity will be sold under the Power Purchase Agreement (PPA), signed with NTPC Ltd. NTPC has been identified by the Government of India (GoI) as the Implementation Agency for setting up of Grid-connected Solar PV Power Projects under State Specific Bundling Scheme under the National Solar Mission of Government of India (GoI). and NTPC Vidyut Vyapar Nigam Limited (NVVN) on behalf of NTPC will purchase Solar Power from Solar Power Developer, and sell it to Discoms. The electricity generated from the project activity will be evacuated through 132 kV sub-station located at Narketpally for consumption in the Indian Electricity Grid.

The project is registered under GS4GG on 16/11/2020 and same can be verified through the design certification date of GS4GG. The monitoring period of the project activity is 16/11/2018 to 31/12/2020.

The project activity aims to harness solar energy through installation of PV with total installed capacity of 50 MW_{ac}. The solar PV power plant has solar PV modules, inverters, transformers and other protection system and supporting components. The solar PV power plant has solar PV modules, inverters, transformers and other protection system and supporting components.

The solar PV modules have a useful life of 25 years.

A. Solar PV modules:

Module Supplier	Module Model	Capacity (p)	Number	Total Capacity (MWp)	Ca-
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Adani	Poly C-Si	310	9856	3.06
Adani	Poly C-Si	315	58036	18.28
Adani	Poly C-Si	320	108240	34.64
Adani	Poly C-Si	325	28512	9.27
		Total Capacity in MWp		65.24

B. Invertor

S.No.	Make	
1.	Manufacturer	Huawei
2	Model	SUN2000-43KTL
3	Rated Capacity	43 KW, 52.5 KVA
4	No. of Inverters	1163
5	Rated Input Voltage (Max.Input Voltage)	500 V

C. Transformer

S. No	Make		
1	Manufacturer	CGL	T&R
2	Capacity	50/60MVA	5MVA
3	No. of Transformers 10	1	10
4	Voltage Ratio	33/132KV	.500/33 KV

The Project is located at Kakrani village of Nalgonda district, in the Indian state of Telangana. The nearest commercial city is Hyderabad.

Crediting period of the project is 16/11/2018¹ to 15/11/2023

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

¹ GHG Emissions Reduction & Sequestration Product Requirements v.2.1 10.2.1 | 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.

2.4 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			
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		2	
Others (Assessment of SDG outcomes)			
Total	2	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. All other requirements of the applied methodology are met. Furthermore, it can be confirmed that 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.

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

Data / Parameter:	EG PJ, y
Data unit:	MWh
Description:	Quantity of net electricity supplied to the grid
Source of data used:	Generation statement provided by TSSPDCL Nalgonda every month.

Means of verification/Comments:

This value has been verified with the JMR and cross-checked with the invoice raised by PP.

Monitoring equipment: Energy Meters of accuracy class 0.2s

Recording Frequency: Continuous monitoring and Monthly recording from Energy Meters, Summarized Annually.

Archiving Policy: Paper &/or Electronic

Calibration frequency: Once in 5 years as per CEA guidelines

Electricity exported/imported to the grid is in kWh. However, for the calculation purpose electricity exported is converted in MWh. The Net electricity supplied to the grid by the project activity will be calculated as a difference of electricity exported to the grid, electricity imported from the grid obtained from Monthly Meter reading reports provided by TSSPDCL Nalgonda as per below equation:

$$EG_{PJ,y} = EG_{Export} - EG_{Import}$$

Projects activity comprises of installation of total 13 Energy meters out of which 10 meters are placed in Solar plant end (2 Energy meters at each 10 MW; 1 main meter and 1 check meter) and 3 Energy meters (1 main, 1 check & 1 Standby meter) at Govt. pooling Substation for joint metering at substation interconnection point.

Make	Sub-Station	Solar Plant End
Manufacturer	Secure Make	Secure Make
Type	ABT meters	ABT meters
Accuracy Level	0.2s	0.2s
Total no of meter	3	5*2 = 10
Main meter	APZ000361	APZ000367 APZ000368 APZ000369 APZ000370 APZ000371
Check meter	APZ000362	APZ000372 APZ000373 APZ000374 APZ000375 APZ000376
Standby meter	APZ000363	-
Date of calibration		04/07/2017
Due date of calibration	-	03/07/2022

Cross-check	Quantity of net electricity supplied to the grid will be cross checked with the Invoices/ Monthly Bill raised by the Project Participant to NTPC Limited and the JMR issued to PP .

Data / Parameter:	Air quality
Data unit:	tCO2
Description:	Reduction in CO2 emission reduction due to implementation of project activity
Source of data used:	Calculated as per registered PDD
Means of verification/Comments:	Emission reduction calculated in line with applied methodology and registered PDD. ER calculation checked in ER spread sheet and found to be correct and conservative. 217,077 tCO2 VERs generated in the current monitoring period.
Cross-check	Baseline and emission calculation sheets were compared with actual monitoring data.

Data / Parameter:	Quality of employment
Data unit:	Number (employees)
Description:	Number of project employees
Source of data used:	Measured
Means of verification/Comments:	PP has confirmed that total 10 trainings have been provided to their employees during current monitoring period. Training details are as follows:
Cross-check	DOE has corss verified the training records submitted by PP

Data / Parameter:	Quantitative employment and income generation
Data unit:	Number (training) INR (Salary)
Description:	☐ Salary given to the employees of the project. Number of people employed directly due to the project activity with number of male/female, permanent/temporary, age and person with disabilities.

Source of data used:	Plant employment records Salary Slip of the project employees.
Means of verification/Comments:	The number of persons employed are 22 and has been verified with the daily log book records. Salary paid to employees has been verified through salary slips submitted by PP.
Cross-check	☐ Salary given to the employees of the project. Number of people employed directly due to the project activity with number of male/female, permanent/temporary, age and person with disabilities.

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 :	Calculated (based on the measured values of electricity exported and imported)
Means of verification /comments :	Quantity of electricity supplied during current monitoring period is 230,468 MWh. Same has been verified with the JMR submitted by PP. Amount estimated in registered PDD: 95,073 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 CO ₂ emission reduction due to implementation of project activity
Source of data used :	CEA database
Means of verification /comments :	Estimated ER in the PDD was: 89,549 tCO ₂ /Annually ER achieved during current monitoring period is:

	Year	Emission reduction achieved in tCO2
	2018	10380
	2019	1,01,755
	2020	1,04,942
	Total	217,077
The above data has been checked from the JMR.		

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 training has been given to the employees during current monitoring period. DOE has verified the training records for the same.			
	S No.	Name of training	No. of participants	Date of training
	1.	First Aid awareness	10	20/12/2019
	2.	Awareness on emergency preparedness and response	13	21/11/2019
	3.	Hand and tool safety	13	11/11/2019
	4.	reporting	15	15/10/2019
	5.	Material handling	13	13/09/2019
	6.	Electrical safety	15	09/09/2019
	7.	OHS	6	18/01/2019
	8.	Concern reporting	11	18/02/2019
	9.	Excavation & trenching	20	17/01/2019

		procedure		
	10.	Safety training	12	15/01/2020

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 verification	of	Baseline Emissions for the amount of electricity supplied by project activity, BE_y is calculated as: Project emissions: Project Emissions, PE_y = 0 Emission reductions: Calculation of baseline emission is as follows; $BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$ Where, BE_y = Baseline emissions in year y (t CO₂/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 CO₂ 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 CO₂/MWh). Hence BE_y = 230,468 x 0.9419 = 217,077
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 “50 MW (DCR) Nalgonda Solar PV Power Project by Parampujya Solar Energy at Telangana”, GS Reference No. 7139 for the period 16/11/2018 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.

The emission reduction achieved for the current monitoring period 16/11/2018 to 31/12/2020 is 217,077 tCO₂

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: 15/08/2021
Description of CL				
Generation data for the following months are missing: 2018 – November and December 2019 – January to July and November 2020 – April to September				
Project participant response				Date: 25/08/2021
Generation data for the following months is provided to the assessment team 2018 – November and December 2019 – January to July and November 2020 – April to September				
Documentation provided by project participant				
JMR and Invoice for the following months: 2018 – November and December 2019 – January to July and November 2020 – April to September				
DOE assessment				Date: 30/08/2021
The required missing data have been submitted by the PP. CL is closed				

CL ID	02	Section no.		Date: 15/08/2021
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. ERPA				
Project participant response				Date: 25/08/2021

The following documents is provided to assessment team 1.Calibration details of meters 2.Training records for monitoring period 3.Sample Salary slips 4.Latest photographs of the site 5.ERPA	
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.ERPA	
DOE assessment	Date: 30/08/2021
Documetns requested by the DOE for cross verifications have been submitted. CL is closed.	

Table 2. CAR from this verification

CAR ID	01	Section no.	D.1	Date: 15/08/2021
Description of CAR				
Monitoring period is not consistent in the MR.				
Project participant response				Date: 25/08/2021
The monitoring period is made consistent in the MR. The monitoring period is 16/11/2018 to 31/12/2020 (both days included) which has been updated in the MR. The project is registered under GS4GG on 16/11/2020 and as per section 10.2.1 of the Guideline GHG EMISSIONS REDUCTION & SEQUESTRATION PRODUCT REQUIREMENTS “<i>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</i>”; Therefore, the monitoring period of the project activity is 16/11/2018 to 31/12/2020 i.e., of two prior to the date of Project Design Certification.				
Documentation provided by project participant				
Revised MR				
DOE assessment				Date: 30/08/2021
Monitoring period has been made consistent in the MR. CAR is closed				
CAR ID	02	Section no.	D.2	Date: 15/08/2021

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: 25/08/2021
The Number of energy meters has been made consistent in the MR. The project activity involves 05 projects of 10 MWAC each, totalling to 50 MWAC solar power project. Projects activity comprises of installation of total 13 Energy meters out of which 10($5 \times 2 = 10$) meters are placed in Solar plant end (2 Energy meters i.e. : 1 main meter and 1 check meter for each 10 MW) and 3 Energy meters (1 main, 1 check & 1 Standby meter) at Govt. pooling Substation for joint metering at substation interconnection point. The calibration details have been added to the MR.	
Documentation provided by project participant	
Revised MR	
DOE assessment	Date: 30/08/2021
Number of energy meters corrected and calibration date has been added in the MR. CAR is closed.	

Table 3. FAR from this verification
NA.

Annex 2

Information Reference List

REF · NO.	Au- thor/Editor/ Issuer	Title/Type of Document. Publication place	Issuance and/or submission date (dd/mm/yy yy)	Addi- tional Infor- mation (Rele- vance in CDM Con- text)
1.	Adani Green Energy Limited (AGEL)	GS 7139 Revised PDD version 4	25/09/2020	
2.	AGEL	GS 7139 Monitoring Report version 01	05/07/2021	
3.	AGEL	GS 7139 Monitoring Report version 03	22/09/2021	
4.	Gold Standard	GS 7139 project page		
5.	AGEL	GS 7139 ER calculation sheet version 01	05/07/2021	
6.	AGEL	GS 7139 ER calculation sheet version 03	22/09/2021	
7.	AGEL	Field data sheets for ER and SDG monitoring	2018-2020	
8.	AGEL	Employees 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 7139 Monitoring Report version 03	20/05/2022	
13.	AGEL	JMR and invoice	2018-2020	
14.	AGEL	7139 transition review final	23/03/2022	
15.	AGEL	Greviance register	2018-2020	
16.	AGEL	7139 Design review	19/01/2021	
17.	AGEL	7139 validation report version 02	16/12/2020	
18.		CDM PDD Version 03	05/08/2020	
19.		CDM validation report version 02	07/08/2020	
20.	UNFCCC	CDM webpage https://cdm.unfccc.int/Projects/DB/Appendix1597924591.34/view		
21.	AGEL	GS 7139 Monitoring Report version 05	14/10/2022	



South Asia

Annex 3

Appointment Certificates



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-14004-1:2006	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
01/08/2020	

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

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CERTIFICATE OF APPOINTMENT

Mr. Kewat, Shalendra fulfills the requirements of the Certification Body 'Environment and Energy' of TUV SUD South Asia Pvt Ltd to participate in audits.

Qualification applicable to					
Standard	CDM	GS	VCS	ISO-14004-1: 2008	Other
	☒	☒	☒	☒	☐

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

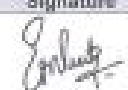
Country Expertise						
Region	1	2	3	4	5	Other
	☒	☐	☐	☐	☐	
Further countries						

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 TUV SUD 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
01/09/2020	

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

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