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Gold Standard for Global Goals Verification Report

**GOLD STANDARD VERIFICATION OF
GS PROJECT NO. (GS-7138)
50 MW Kurnool Solar PV Power Project by
M/s Prayatna Developers Pvt. Ltd. at
Gani, Kurnool, AP.**

Report No. 10853SK

17 June 2022

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




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Title of the project activity	50 MW Kurnool Solar PV Power Project by M/s Prayatna Developers Pvt. Ltd. at Gani, Kurnool, AP.	
GS Reference number of the project activity	GS 7138	
Version number of the verification and certification report	05	
Completion date of the verification and certification report	17/06/2022	
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	03	
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 average certified SDG impact (as per approved PDD)	89,549 tCO _{2e}	
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	199,934tCO _{2e}	
	Year	Emission Reductions (tCO ₂)
	2018	11,984



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	2019	92,696	
	2020	95,254	
	Total	199,934	
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	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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



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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 05/08/2021 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.



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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.	Kurnool	05/08/2021	Shailendra Kewat

Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1	Tholey	Pradeep	Site-Incharge	05/08/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
2	-	Shrikant	Engineer	05/08/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
3	Kumar	Prashant	O&M In-charge	05/08/2021	Monitoring and project implementation and SDG parameters	Shailendra Kewat
4	Gurllhosur	Shradhha	Consultant	05/08/2021	Monitoring, sampling, project implementation and ER calculations	Shailendra Kewat

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. 2CARs, 4 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".



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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

Prayatna Developers Pvt. Ltd. is the project investor for this project activity and it's a large scale solar project. Anthropogenic emissions of greenhouse gases (GHG's) are replaced in this project and estimated to be approximately 89,549 tCO₂e per annum, thereon displacing 95,073 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 installs 05 projects of 10 MW_{AC} each, totalling to 50 MW_{AC} solar power project under Jawaharlal Nehru National Solar Mission (JNNSM) Phase-II, Batch-II, Tranche – I, State Specific Bundling Scheme (under DCR1 Category). The projects are installed in the same project boundary at Gani-Sakunala, Kurnool, Andhra Pradesh.

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 (NVTN) 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 220 kV Gani sub-station located at Gani-Sakunala Village in Kurnool District for consumption in the Indian Electricity Grid.

The main goal for the project activity is to harness Solar energy through installation of 320Wp of Lion series Solar PV modules with total installed capacity of 50 MW. The facility aims at annually producing 1000MWp of silicon ingots / wafers, silicon solar cells and modules. In addition to PV modules, the Group also aims at developing manufacturing facility to produce EVA, back sheet, glass and junction box. The solar PV power plant will have solar PV modules, inverters, transformers and other protection system and supporting components.

The Project is located at Gani-Sakunala village of Kurnool district, in the Indian state of Andhra Pradesh. The site is well connected by state highway (SH) NH-18 to Kurnool. The nearest commercial city remains Kurnool, which is approximately 42 km from the Project site location. Nearest major airport to the site remains Hyderabad, 253 km away; while the nearest railway station is at Kurnool, 42 km away from the site. The project coordinates are 15°39'27.64"N, 78°16'10.58"E.

The crediting period is 16/11/2018 to 15/11/2023. As per 10.2.1 of GHG Emissions Reduction & Sequestration Product Requirements v.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."



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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			
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	1		
Compliance with the calibration frequency requirements for measuring instruments			
Assessment of data and calculation of emission reductions or net removals	1	2	
Others (Assessment of SDG outcomes)			
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

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 APSPDCL every month.
Means of verification/Comments:	This value has been verified with the JMR and cross-checked with the invoice raised by PP.



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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.
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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 “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:	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.
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

Data / Parameter:	Quality of employment
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 10 trainings have been provided to their employees during current monitoring period.
Cross-check	Salary slip can be checked for earnings of female and male employees The trainings held can be crosschecked with the training documents maintained at site.

Data / Parameter:	Quantitative employment
Data unit:	Number of O&M staffs involved in the project
Description:	Total employment generated due to the implementation of project activity
Source of data used:	Plant employment records
Means of verification/Comments:	The number of persons employed are 23, has been verified with the daily log book records. Salary paid to employees has been verified through salary slips

	submitted by PP.
Cross-check	The number of persons employed are would be mentioned in the plant register, which can be crossed checked with daily attendance register.

Data / Parameter:	Hazardous and Non-hazardous Waste
Data unit:	-
Description:	The manufacture, trade, release, and use of hazardous and non-hazardous chemicals and/or materials
Source of data used:	Plant Records
Means of verification/Comments:	The waste is disposed to the waste handlers and the firm will comply with all the local laws for monitoring and disposal. For current monitoring period value observed is 0.
Cross-check	Plant records are verified

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 APSPDCL every month.
Means of verification /comments :	Quantity of electricity supplied during current monitoring period is 212,266 MWh. Same has been verified with the JMR submitted by PP. Amount esimated in registered PDD: 95,073 MWh/Annually

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 :	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.



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Means of verification /comments :	Estimated ER in the PDD was: 89,549 tCO2/Annually	
	ER achieved during current monitoring period is:	
	Year	Emission reduction achieved in tCO2
	2018	11,984
	2019	92,696
2020	95,254	
Total	199,934	
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 O&M staffs involved in the project Salary given to the employees of the project.
Source of data used :	Training Records (HSE & HR) & Employee feedback forms Plant employment records 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.

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	<p>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;</p> $BE_y = EG_{P,J,y} \times EF_{grid,CM,y}$ $= 212,266 \times 0.9419$
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	<p>= 199,934 t CO₂e</p> <p>Where,</p> <p>BE_y = Baseline emissions in year y (t CO₂/yr)</p> <p>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)</p> <p>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).</p>
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 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 second verification of the emission reductions reported for the project activity “50 MW Kurnool Solar PV Power Project by M/s Prayatna Developers Pvt. Ltd. at Gani, Kurnool, AP.”, GS Reference No. 7138 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 GSVERs issued for this monitoring period is 199,934

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: 05/08/2021
Description of CL				
<p>Generation data for the following months are missing: 2018 – November and December 2020 – March</p>				
Project participant response				Date: 22/08/2021
<p>Generation data for the following months are provided to the assessment team 2018 – November and December 2020 – March</p>				
Documentation provided by project participant				
<p>JMR and invoice for the following months: 2018 – November and December 2020 – March</p>				
DOE assessment				Date: 15/09/2021
The required missing data have been submitted by the PP. CL is closed				

CL ID	02	Section no.		Date: 05/08/2021
Description of CL				
<p>PP has to submit the following documents:</p> <ol style="list-style-type: none"> 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: 22/08/2021

The following documents are provided to the assessment team: 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	
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: 15/09/2021
Documetns requested by the DOE for cross verifications have been submitted. CL is closed.	

CL ID	03	Section no.	A.4	Date: 05/08/2021
Description of CL				
End date of the crediting period is missing.				
Project participant response				Date: 22/08/2021
End date of crediting period is added in the MR. End date of Crediting Period is 16/11/2025 i.e. 7 years from the start date 16/11/2018 Which will be renewed twice totalling to length of crediting period of 15 years(7+7+1) as per 6.3.1 of the Guideline GHG EMISSIONS REDUCTION & SEQUESTRATION PRODUCT REQUIREMENTS <i>"The total duration of the crediting period shall not exceed the maximum crediting period allowed under relevant GS4GG activity requirements. It also includes the period that project or CPA has been issued emission reductions for under other standard."</i>				
Documentation provided by project participant				
Revised MR				
DOE assessment				Date: 15/09/2021
Revised MR is received. CL is closed				

CL ID	04	Section no.	E.5 and ER sheet	Date: 05/08/2021
Description of CL				
No of employees mentioned are 23, please clarify whether this is for current monitoring period.				
Project participant response				Date: 22/08/2021

No of employees mentioned are for current monitoring period i.e. 16/11/2018 to 31/12/2020	
year	No. of employees
2019	12
2020	11
TOTAL	23
Documentation provided by project participant	
Declaration from the project proponent	
DOE assessment	Date: 15/09/2021
Revised MR is received. CL is closed	

Table 2. CAR from this verification

CAR ID	01	Section no.	D.2	Date: 05/08/2021
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: 22/08/2021
Numbers of energy meters has been made consistent in the MR .Projects activity comprises of installation of 10 Energy meters at four different substations, 4 Energy meters (1 main meter and 1 check meter) at two 33kV Feeder Line and 6 Energy meters (1 main meter, 1 check meter, 1 stand meter) at two 220kV Feeder Line connected to Pooing Sub Station.The calibration details has been added in the revised MR.				
Documentation provided by project participant				
Revised MR				
DOE assessment				Date: 15/09/2021
Number of energy meters corrected and calibration date has been added in the MR. CAR is closed.				

CAR ID	02	Section no.	MR & ER	Date: 05/08/2021
Description of CAR				
ER values are not consistent in the MR and ER sheet.				
Project participant response				Date: 22/08/2021
ER Values has been made consistent in the MR and ER sheet i.e. 199,934 tCO ₂ e				
Documentation provided by project participant				

Revised MR Revised ER sheet	
DOE assessment	Date: 15/09/2021
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 submission date (dd/mm/yyyy)	Additional Information (Relevance in CDM Context)
1.	Adani Green Energy Limited (AGEL)	GS 7138 Revised PDD version 4	25/09/2020	
2.	AGEL	GS 7138 Monitoring Report version 01	05/07/2021	
3.	AGEL	GS 7138 Monitoring Report version 03	20/09/2021	
4.	Gold Standard	GS 7138 project page		
5.	AGEL	GS 7138 ER calculation sheet version 01	05/07/2021	
6.	AGEL	GS 7138 ER calculation sheet version 03	20/09/2021	
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	



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Annex 3

Appointment Certificates

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE OF APPOINTMENT

Mr. Murty, Eswar fulfils 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-14004-1:2006	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Qualification as						
Status	Validator	Verifier	ATL	Technical Reviewer	Financial Expert	Technical Expert
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TA (s)	1.1, 1.2, 3.1, 4.1, 13.1					

Country Expertise						
Region	1	2	3	4	5	Other
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Further countries						

Technical Area	
1.1_Thermal Energy Generation	<input type="checkbox"/>
1.2_Renewables	<input type="checkbox"/>
3.1_Energy demand	<input type="checkbox"/>
4.1_Cement and lime production	<input type="checkbox"/>
13.1_Solid waste and wastewater	<input type="checkbox"/>

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-0031/011.

Date	Signature
01/08/2020	

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

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CERTIFICATE OF APPOINTMENT

Mr. Kewat, Shailendra 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-14064-1: 2006	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Qualification as						
Status	Validator	Verifier	ATL	Technical Reviewer	Financial Expert	Technical Expert
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TA (s)	1.2, 3.1, 5.1, 13.1					


Country Expertise						
Region	1	2	3	4	5	Other
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Further countries						

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

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Your Certificate has the internal reference no. CB-IND-CCP-0105/001.

Date	Signature
01/05/2020	

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