



South Asia

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Gold Standard for Global Goals Verification Report

**GOLD STANDARD VERIFICATION OF
GS PROJECT NO.7526
“BMT SOLAR FARM”**

Report No. 10877ME

31 March 2022

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


Title of the project activity	BMT Solar Farm
GS Reference number of the project activity	GS 7526
Version number of the verification and certification report	5.0
Completion date of the verification and certification report	31-03-2022
Monitoring period number and duration of this monitoring period	01, 02/05/2019 – 30/04/2021
Version number of monitoring report to which this report applies	04
Crediting period of the project activity corresponding to this monitoring period	1 st
Project participant(s)	BMT Renewable Energy Stock Company
Host Party	Viet Nam
Sectoral scope(s)	01, TA 1.2
Methodology (ies)	ACM0002: Grid-connected electricity generation from renewable sources (Version 19.0)
Estimated amount of annual average certified SDG impact (as per approved PDD)	73,412 t CO ₂ e
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	74,397 t CO ₂ e All SDGs assessment is provided in section 3.1
Name of DOE	TUV SUD South Asia Pvt Ltd (E-0005)
Name, position and signature of the approver of the verification and certification report	 Milind Shende 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 VVS 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 v3.0
- 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/Sustaincert 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.

Once TÜV SÜD receives the Monitoring Report and a confirmation from any PP to upload, the MR is made available on the GS Registry.

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 or remote audit, 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);
- 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	Off-site inspection	Interview(s)	Verification findings
1	Team Leader, Verifier & Technical Expert	IR	Murty	Eswar	TUV SUD South Asia	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Country Expert	EI	Menon	Rekha	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	EI	Sudheendra	K	TUV SUD South Asia
2	Approver	IR	Shende	Milind	TUV SUD South Asia

1.5 Review of Documents

Based on the submitted MR the assessment team performed a desk review 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 Remote Audit Assessment and follow-up Interviews

It is to be noted, due to COVID-19 pandemic, the audit team could not conduct the on-site assessment. As per the GS guidelines i.e. Covid-19 : interim measures, remote audit was conducted by the verification team on 09/11/2021 following standard auditing techniques.

As per the guidelines, verification team has ensured the completeness and conservativeness of the monitoring parameters. Assessment of each monitoring parameters is illustrated in the following sections. Verification team has conducted virtual meeting with the client in order to understand the project implementation status and conducted the interviews with the relevant stakeholders. Country expert who can understand the host country regulations and documentation has checked the required documentation. The details of the interviewed people are provided below:

Persons Interviewed	Topics discussed
Hua Minh Duc Nguyen Tu Duc- BMT Energy Renewable JS Company	Confirm the implementation and operation of the project- Check the monitoring equipment against the requirements of the PDD and the approved methodology, including calibrations, maintenance, etc.
Tran Minh Sang- ERS Vietnam Co., Ltd	Check the monitoring equipment against the requirements of the PDD and the approved methodology, including calibrations, maintenance, etc.
Thirumalavan Panchaksharam- Services (S) Pte Ltd C&W	Review the data flow for generating, aggregating and reporting the monitoring

	parameters- Review the calculations and assumptions used to obtain the GHG data, data and information related to sustainability monitoring parameters and ER- Cross-check the information provided in the MR documentation with other sources
Ariyana Benipayo- AC Energy	Identify if the quality control and quality assurance procedures are in place to prevent or correct errors or omissions in the reported parameters.

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. 4 CARs, no CL and no FARs were raised during the course of verification. All the CARs 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 remote audit 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

NA.

2.2 Project Implementation in accordance with the registered PDD

The aim of the project is to generate clean electricity through solar energy. BMT Energy Renewable JS Company has implemented "BMT Solar Farm" with a total installed capacity of 30 MWp.

The plant is located in EA Phe Commune and Krong Puk Commune, Krong Pak District, Dak Lak Province, Vietnam. The project owner is BMT Renewable Energy Joint Stock Company

The project activity commissioned on 25 April 2019 with the total installed capacity of 30MW.

The electricity generated by the project activity is exported to the Vietnam national grid. There are no changes from the approved PDD during the current monitoring period.

Based on this remote audit and the reviewed project documentation, verification team confirmed that the four plants are commissioned as per the commissioning certificates of these plants. The current verification is the first periodic verification from 02/05/2019 – 30/04/2021.

All the metering equipment have been found installed and are operational. The verification team has checked the generation data and the calibration certificates of the energy meters. There is no event or situation occurred during this monitoring period which has impacted the applicability of methodology. There was no diversion from the implementation details given in the registered PDD during this reported monitoring period.

The emission reductions being claimed during this monitoring period are about 2.9% lower than the estimated emission reductions in the registered PDD. Considering this, verification team has assessed that the achieved emission reductions are realistic and credible.

2.3 Sampling Approach

Not applicable.

Validation Opinion on the changes observed post-registration changes to the project :

Based on the virtual audit interviews and review of the documents, the verification team has confirmed that there no post-registration changes to the project during the current monitoring period.

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		2	
Post-registration changes			
Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline			
Compliance of monitoring activities with the registered monitoring plan			
Compliance with the calibration frequency requirements for measuring instruments		1	
Assessment of data and calculation of emission reductions or net removals			0
Others (Assessment of SDG outcomes)		1	
Total	0	4	0

2.5 Compliance of the Monitoring Plan with the Methodology

During the document review and furthermore during the remote visit, the verification team has reviewed the registered monitoring plan and compared it with the monitoring methodology to verify their compliance. Based on the remote audit conducted by the verification team, it has been 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:

Data / Parameter:	$EG_{PJ,grid,y}$
Data unit:	MWh/yr
Description:	Quantity of electricity generated and supplied by the project power plant to the grid in year y
Source of data used:	Plant records for the generation data, Daily and monthly reports
Means of verification/Comments:	The audit team has checked the monthly generation reports from the plant covering the monitoring period. These reports are generated from the SCADA system and the data is continuously monitored in the plant.
Cross-check	This data is cross checked with the invoices raised by PP to the grid authority. Thus, the verification team is able to confirm that the monitoring of quantity of electricity generated and supplied by the project power plant to the grid in year y the PP is correct.

Data / Parameter:	$ECPJ,j,y$
Data unit:	MWh/yr
Description:	Quantity of electricity consumed by the project electricity consumption source j in year y
Source of data used:	Plant records for the generation data, Daily and monthly reports
Means of verification/Comments:	The audit team has checked the monthly consumption reports from the plant covering the monitoring period. These reports are generated from the SCADA system and the data is continuously monitored in the plant. The net electricity supplied to the grid is only considered under SDG 7. Because the auxiliary consumption by the plant (e.g., during nighttime) has been drawn electricity from the grid and thereby it is considered as project emission. Hence, the auxiliary consumption is included as project emission while estimating the benefits of SDG 13. This approach was verified during by VVB and the same applied for the monitoring report as well.
Cross-check	This data is cross checked with the invoices raised by PP to the grid authority. Thus, the verification team is able to confirm that the monitoring of quantity of electricity consumed by the project power plant to the grid in year y the PP is correct.

Calibration

The audit team has checked the calibration certificates and records of the monitoring equipment as given below. First calibration was considered on the commissioning date, when new meter has been installed.

Meter Serial No	Make	Accuracy Class	Calibration Date	Validity
132 (Main)	Elster	0.2s	26/03/2019 20/05/2020 04/08/2021	25/03/2020 19/05/2021 03/08/2022
132 (Backup)	Elster	0.5s	26/03/2019 20/05/2020 04/08/2021	25/03/2020 19/05/2021 03/08/2022

The audit team has verified the calibration certificates of all the energy meters. The frequency of calibration is 3 years according to the EVN for all other generation meters and 1 year for Main and backup meters. Although there was a delay in calibration for 2-3 months in 2020 and 2021, verification takes place as per the EVN's schedule and not in the control of PP. The VVB accepts this delay in calibration since they comply with overall EVN regulations in calibration of electricity meters, and the delay is due to the operational reasons from EVN.

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.

Based on the review of the revised monitoring report, verification team confirmed that there were no specific safeguarding principle needed mitigation measures other than the "3. Community Health, Safety & Working conditions". The mitigation measure is conducting the safety trainings for the employees regularly during the project operation. Hence, it is concluded that the project meets safe guarding principles for the current monitoring period.

3.1 Assessment of SDG outcomes for the current Monitoring period

As per the applied methodology and registered monitoring plan, the sustainability monitoring parameters are required to be monitored, the verification team has reviewed all sustainability indicators presented in the MR with the provided documents and confirmed that data presented was consistent and reliable and presented the assessment in the table below.

	Assessment/ Observation
Sustainability Indicator	8.5.1 – Average hourly earnings of female and male employees, by occupation, age and persons with disabilities
Parameter	Employees monthly wages
Data Unit :	Vietnam Dong per employee

Description :	Monthly wages to all employees by the project activity
Source of data used :	Job contracts (or) Pay slip (or) Payroll records
Means of verification /comments :	The audit team has checked the data sheet pertaining to the hourly wages of 33 nos. employees based on their age, gender and designation in the company. The pay slips and job contracts have been verified by the audit team to confirm the same. Thus it has been verified that there is no discrimination in the wages with respect to gender and disabilities of the employees. Hence the SDG is fulfilled.

	Assessment/ Observation
Sustainability Indicator	8.8.1 – Frequency rates of fatal and non-fatal occupational injuries, by sex and migrant status
Parameter	No of Fatal & Non-fatal injuries
Data Unit :	Number
Description :	Total number of employees injured during the operation and maintenance period of project activity
Source of data used :	Health & Safety issues records
Means of verification /comments :	The audit team has checked the records pertaining to the health and safety of the employees in the company. It has been checked that there were no fatalities or injuries reported by the employees during operation and maintenance of the project. The health and safety training records/certificates also have been verified. Hence the SDG 8.8 is fulfilled.

	Assessment/ Observation
Sustainability Indicator	13.3.2 – Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions
Parameter	No of awareness programmes
Data Unit :	Number
Description :	Provide awareness trainings regarding the climate change and mitigation measures
Source of data used :	Training records include attendance register or photographs of training
Means of verification /comments :	The audit team has checked the training records pertaining to the climate change and mitigation measures. Total number of 32 trainings have been provided during the monitoring period which includes awareness, safety and professional trainings. Hence the SDG 13 is fulfilled.

Grievance Mechanism:

The PP has a mechanism to capture grievances by any stakeholders. Accordingly a grievance register has been maintained at the site office in Commune and Krong Puk Commune, Krong Pak District, Dak Lak Province, Vietnam. The audit team has checked this register and no grievances have been reported during the current monitoring period. No legal consent has arise during the monitoring period.

4 EMISSION REDUCTIONS AND SDG IMPACTS

AS per ACM0002 (Version 19.0), the baseline emissions are to be calculated as follows:

$$BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$$

Where:

BE_y = Baseline emissions in year y (tCO₂/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 "TOOL07: Tool to calculate the emission factor for an electricity system" (tCO₂/MWh)

The project emissions are calculated based on

$$PE_y = ECPJ,i,y \times EF_{grid,CM,y}$$

The total emission reductions from the project activity are calculated as the difference between base-line and project emissions and the value for the monitoring period is 74,397 tCO₂ e.

Year	ERs
2019	24586
2020	37746
2021	12065

SDG 7 – Affordable & Clean Energy

The project activity has the capacity to produce 43,224 MWh per annum. The total affordable and clean energy generated by project activity is 87,610 MWh during this monitoring period.

SDG 8 – Decent work & Economic Growth

The project activity has provided employment opportunities to 33 nos. In addition, providing regular training (minimum 1 training per annum) to the employees for improving their skills.

Summary of SDG 8 impact are as follows:

Year	No of Jobs created	Training Information	
		No of Trainings	No of staffs attended
2019	18	10	24
2020	33	16	24

5 VERIFICATION OPINION

TUV SUD South Asia has performed the first verification of the emission reductions reported for the project activity “BMT Solar Farm”, GS Reference No. 7526 for the period « 02/05/2019 – 30/04/2021 », 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.

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 a remote 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.
- (v) GS VERs can be issued for the monitoring period.

Annex 1

Clarification requests, corrective action requests and forward action requests

Table 1. Remaining FAR from validation and/or previous verifications
NA.

Table 2. CL from this verification
NA

Table 3. CAR from this verification

CAR ID	01	Section no.	A.1, B.1	Date: 10/11/2021
Description of CAR				
PP to provide the exact dates of commissioning of the plant in line with the commissioning certificates.				
Project participant response				Date: 10/11/2021
The plant started its commercial operation on 25/04/2019 and the same has been included under Section B of the revised MR.				
Documentation provided by project participant				
Commercial Operation Date (COD) letter issued by the EVN on 25/05/2019				
DOE assessment				Date: 20/11/2021
The COD date has been mentioned in the revised MR. Hence the issue is closed.				

CAR ID	02	Section no.	B.1	Date: 10/11/2021
Description of CAR				
It was verified that some of the incidents that partially disrupted the operation of the plant during the monitoring period as mentioned in the MR are not matching with the actual incidents. PP to update the same.				
Project participant response				Date: 10/11/2021
The table under Section C regarding the incidents occurred at the plant has been updated in the revised MR				
Documentation provided by project participant				
Revised MR				
DOE assessment				Date: 20/11/2021
The MR has been revised to include the incidents occurred at plant. Hence the issue is closed.				

CAR ID	03	Section no.	C	Date: 10/11/2021
Description of CAR				
PP to provide the dates of calibration done during the monitoring period in the MR. Also PP to clearly specify the calibration frequency followed for the main and backup meters.				
Project participant response				Date: 10/11/2021
The calibration/verification dates are included under section C of the revised MR. Also, the verification frequency of main and back meters are updated in the same section.				
Documentation provided by project participant				
Revised MR				
DOE assessment				Date: 20/11/2021
MR has been revised to include dates of calibration done during the monitoring period. Hence the issue is closed.				

CAR ID	04	Section no.	D2, E4, E5	Date: 10/11/2021
Description of CAR				
The actual number of staff employed by the PP is not matching with the list of employees submitted to the audit team. Also the total number of trainings conducted during the monitoring period is not reflected in the MR. PP to provide updated details and supporting if required.				
Project participant response				Date: 10/11/2021
The actual number of employees is updated in the revised MR. Based on the monthly HSE trainings provided for O&M and Security teams, the number of meetings and attendees have been updated in the revised MR.				
Documentation provided by project participant				
Revised MR				
DOE assessment				Date: 20/11/2021
MR has been revised to include actual number of employees and the trainings conducted during the monitoring period. Hence the issue is closed.				

Table 4. 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)
1.	UNFCCC	“CDM-EB: Clean Development Mechanism Validation and Verification Standard (version 03)	
2.	BMT Renewable Energy Stock Company	GS4GG Approved PDD- Version 6	27/12/2019
3.	BMT Renewable Energy Stock Company	GS4GG Monitoring Report- Version 4	28/03/2022
5.	UNFCCC	ACM0002: Grid-connected electricity generation from renewable sources (Version 19.0) Tool to calculate the emission factor for an electricity system, version 07	
6.	BMT Renewable Energy Stock Company – Vietnam	ER calculation sheet- Version 2	
7.		Manufacturer specifications PV modules	
8.	National electricity system regulation centre	Emission factors	2015-17
9.	UN	Sustainable Development Goals	
10.	BMT Renewable Energy Stock Company	Breakdown details of plants	
12.	Gold Standard	Gold Standard for Global Goals Standards and Guidelines	
13.	BMT Renewable Energy Stock Company	Commissioning Certificates for 30MW plant	25/04/2019

REF NO.	Author/Editor/ Issuer	Title/Type of Document. Publication place	Issuance and/or sub- mission date (dd/mm/yyyy)
14.	BMT Renewable Stock Energy Company	Monthly power generation and consumption reports for 30MW plant	2019-2021
15.	EVN	Regulation for calibration of energy meters	
16.	EVN	Calibration certificates for 30MW plant	
17.	BMT Renewable Stock Energy Company	Invoices raised to Grid authority for 30MW plant	2019-2021
18.	BMT Renewable Stock Energy Company	Employees database, contracts and payslips	
19.	BMT Renewable Stock Energy Company	Training records for safety and awareness	
20.		Power purchase agreements for 30MW plant	
21.		Site photographs, plant and meters	November 2021

Annex 3

Appointment Certificates

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE OF APPOINTMENT

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

Standard	Qualification applicable to				
	CDM	GS	VCS	ISO-14004-1:2006	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Status	Qualifications					
	Validator	Verifier	ATL	Technical Reviewer	Finance Expert	Technical Expert
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TA (s)	1.1, 1.2					

Region	Country Expertise					Other
	1	2	3	4	5	
	<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	
1.2 Renewables	

This appointment is valid until 31.07.2021 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-0104/002.

Date	Signature
07/08/2020	

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

TÜV SÜD South Asia ♦ S. Jale ♦ P. Jale ♦ I. Jale ♦ R. Jale ♦ H. Jale ♦ G. Jale ♦ C. Jale ♦ D. Jale ♦ E. Jale ♦ F. Jale ♦ G. Jale ♦ H. Jale ♦ I. Jale ♦ Jale

TÜV[®]



CERTIFICATE OF APPOINTMENT

Mr. Murty, Eswar 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-14004-1:2003
	<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
	<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
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Further countries	India, Indonesia				

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 31.05.2022 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. CE-IND-CCP-2031/012.

Date	Signature
01/05/2021	

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

TÜV SÜD South Asia ♦ 3d Hain 1571 ♦ 170001/2021 ♦ TÜV SÜD South Asia ♦ 170001/2021 ♦ 170001/2021 ♦ 170001/2021 ♦ 170001/2021 ♦ 170001/2021

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