



**Verified Carbon
Standard**

ÜÇPINAR WIND POWER PROJECT, TURKEY



Document Prepared by Earthood Services Private Limited

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Summary:

Earthood Services Private Limited (hereafter referred to as Earthood) has been contacted by Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş. to conduct the verification of the project– “Üçpınar Wind Power Project, Turkey”, (VCS ID 1907) with regards to the relevant requirements of the VCS programme guidelines and standard (VCS standard version 4.6/06/ & VCS program guide version 4.4/07/). Relevant requirements of the UNFCCC for CDM project activities, as well as criteria for consistent project operations, monitoring and reporting has been applied for verification.

The project activity involves electricity generation by the Wind power project of 112.2 MWm/ 99 MWe which involves installation and operation of 3.4 MWm/ 3 MWe wind turbines in the Çanakkale Province, Lapseki District, Üçpınar Village and supplying the generated energy to the grid Çan Havza TM which is a part of National Grid of Türkiye. The project being a renewable energy generation activity results in reduction of greenhouse gas (GHG) emissions that are real, measurable, and verifiable and plays beneficial role in the mitigation of climate change.

The monitoring period covered under this verification is from 01/06/2022 to 31/12/2023.

The verification includes confirming the implementation of the monitoring plan of the registered VCS PD (VCS ID 1907) and the application of the monitored methodology as per ACM0002 version 19 (Grid Connected Electricity Generation from Renewable Sources)/09/.

A risk-based approach has been followed to perform this verification. During verification 04 Corrective Action Request (CAR), 00 Forward Action Request (FARs) and 01 Clarification Request (CLs) were raised and successfully closed.

The review of the project description/01/, monitoring report/04/, and additional documents related to baseline and monitoring methodology; the subsequent background investigation, onsite interviews and stakeholders have provided Earthood with sufficient evidence to validate the fulfillment to the stated criteria.

Earthood confirms that the project is implemented in accordance with the registered VCS PD/01/. The monitoring system is in place and the emission reductions are calculated without material misstatements. Our opinion relates to the project's GHG emissions, and the resulting GHG emission reductions reported and related to the valid and registered project baseline and monitoring and its associated documents. Based on the information seen and evaluated we confirm that the emission reductions from the project activity, titled 'Üçpınar Wind Power Project, Turkey' with VCS ID: 1907 in Çanakkale Province, Lapseki District, Üçpınar Village managed by Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş. during the period 01/06/2022 to 31/12/2023 amounts to 315,274 tonnes of CO₂e with displacing 555,453 MWh of electricity from fossil fuel dominating electricity grid with generated using wind energy system.

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1 INTRODUCTION

1.1 Objective

Earthhood Services Private Limited (Earthhood) has been contacted by Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş. to undertake the verification of the renewable energy project titled “Üçpınar Wind Power Project, Turkey” (VCS ID 1907) against the requirement of VCS standard version 4.6/06/. The verifiers have reviewed the GHG data collected to date for the monitoring period from 01/06/2022 to 31/12/2023 covered in this verification.

The objective of this verification is a thorough and independent assessment of registered project activities against the applicable VCS requirements by the VVB. The verification process shall determine whether the proposed project activity complies with the requirement of latest VCS guidelines, applicability conditions of the selected methodology, relevant host country regulations and guidance issued by the VCS Board.

1.2 Scope and Criteria

The scope of this verification is to assess the claims and assumptions made in the VCS monitoring report against the VCS criteria, including but not limited to the VCS standard, applied methodology, and other relevant rules and requirements established for VCS project activities.

The verification is not meant to provide any consulting to the project participants. However, the stated requests for clarification and/or correction actions may have provided input for improving the project design. However, stated requests for clarification and/or correction actions may have provided input for improving the project design. There are no material errors, overestimations of ER, omissions, or misstatements. The verification team conducted an onsite audit to verify the metering and monitoring arrangements. The verification team has reviewed all the documents, like commissioning certificates /11/, technical specifications and calibration certificates of meters /15/, meter readings /29/, grievance registers /20/, etc.

1.3 Level of Assurance

☒ Reasonable Level of assurance

☐ Limited Level of assurance

Earthood's verification approach is based on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate them. The level of assurance of the verification report falls under reasonable assurance engagement as selected by the client. Reasonable assurance is a high level of assurance regarding material misstatements but not absolute ones. Earthood planned and performed the verification by obtaining evidence, conducting the project site audit, and other information and explanations that Earthood considers necessary to provide reasonable assurance that the reported estimated GHG emission reductions are fairly stated. During the current verification, the VVB conducted an on-site visit for project activity, as discussed in Section 2.4, and no substantial changes were observed, thereby meeting a reasonable level of assurance. In our opinion, the estimated GHG emission reductions were calculated correctly based on the approved baseline and monitoring methodology, ACM0002, Version 19/09/, and the VCS standard, version 4.6/06/. The evidence used to achieve a reasonable level of assurance is specified in sections 2.3 and 2.4 of this report.

1.4 Summary Description of the Project

The project activity is a wind power project of 112.2 MWm/ 99 MWe developed by Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş. in Çanakkale Province, Lapseki District, Üçpınar Village.

The project activity consists of 33 WTGs of 3.4 MWm / 3 MWe, totaling the total capacity to 112.2 MWm / 99 MWe verified through the provisional acceptance certificates/13/, technical specification/15/ and onsite visit/19/. The aim of the project is to generate cleaner electricity using a wind power project and displace the amount of electricity that would have been generated using a fossil fuel based power plant or by addition of new units in the future. The generated electricity is then supplied to the grid Çan Havza TM which is a part of National Grid of Türkiye. The locations of the turbines as stated in the MR have been confirmed through the site visit/19/ and through Google Earth/27/ and is found to be appropriate.

An on-site audit was conducted on 12/03/2024, and it was checked that the current monitoring period from 01/06/2022 to 31/12/2023 involves the supply of 555,453 MWh of electricity to the grid, which has been verified EPIAS Records/17/ and a total emission reduction of 315,274 tCO_{2e}, which is found to be consistent with the ER sheet/05/.

The start date of the project is June 18, 2019, which is also the commissioning date of the first wind turbine installed under the project activity. This is the first crediting period of the project from 18/06/2019 to 17/06/2029; the same was verified using the registered PD/01/, the validation report /02/, provisional acceptance certificates/13/ and the on-site audit /19/.

The project is based on the methodology ACM0002, version 19, 'Large-scale consolidated baseline methodology for grid-connected electricity generation from renewable sources'/09/. The project activity is undergoing its second verification, and a description of the verification was also verified in the Registered PD/01/ and Validation report /02/.

Based on the assessment of the documents, the assessment team was able to confirm that the project activity was fully functional and implemented, as described in the registered VCS PD/01/ and MR/04/.

2 VERIFICATION PROCESS

The registered VCS project is undergoing its second verification, the approach adopted to ensure the quality of emissions reductions is described in the following sections.

2.1 Method and Criteria

The verification process approach consists of two phases:

In the first phase, Earthood completed a strategic review and risk assessment of the project's activities and processes to gain a full understanding of:

- Activities associated with all the sources contributing to the project emissions and emission reductions, including leakage if relevant.
- Protocols used to estimate or measure GHG emissions from these sources.
- Collection and handling of data.
- Controls on the collection and handling of data.
- Means of verifying reported data; and
- Compilation of the verification Report

At the end of this phase, Earthood produced a Verification Checklist which, based on the risk assessment of the parameters and data collection and handling processes for each of those parameters, describes the verification approach and the sampling plan.

In the second phase using the Verification checklist, Earthood verified the implementation of the monitoring plan and the data presented in the VCS MR/04/ for the period in question. This involved telephonic interviews of project proponent representative's and a desk review of the Monitoring Report. The findings raised during the assessment can be found in appendix III of this report.

2.2 Document Review

The verification is performed primarily as a document review of the documents submitted at various stages of assessments. The review is performed by the assessment team using dedicated protocols. The assessment team cross checks the information provided in the documents (Project Description/01/ & Monitoring Report/04/) and information from sources other than those used, if available, and conducts independent background investigations. Earthood conducted a desk review as under.

- a) A review of the data and information presented to verify their completeness.
- b) A review of the monitoring plan, the monitoring methodology including applicable tool(s) and, where applicable, the applied standardized baseline, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures.
- c) An evaluation of data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions.

2.3 Interviews

An onsite audit was conducted for the project activity on 12/03/2024 to verify the implementation of the project activity.

Interviews with the PP representatives were conducted with personnel on site to discuss the aspects of the project implementation such as monitoring plan implemented, the operations at the project site (outages, if any), and other details like calibration of the monitoring equipment used during the current monitoring period, etc. The interviews were conducted in English and Turkish language in presence of the local expert.

The details of the interview are as follow:

S. No.	Name	Affiliation	Topic Covered	Assessment team
1.	Kemal Emre Gankiri	WWP Manger	-Operation and maintenance of facility, Monitoring practices, data collection, data storage, QA/QC	Divij Varshney Kubra Agriman
2.	Fathi Akagondoz	WWP Deputy Manager		
3.	AlCan Kalayci	Electric Technician		
4.	Asli Yagmur Ozcan	Life Climate Assistant Specialist		
5.	Hasan Gokhan Gulay	SGRE Hub Manager		

			- Project implementation, roles, and responsibilities - Calibration requirements -GHG emission and calculations -Ongoing grievance mechanism -Grievance and Feedback	
6	Melin Demirtas	Mukhtar, Local Stakeholder	Awareness of Grievance mechanism,	
7.	Yaeer Benek	Local Stakeholder	Opinion about implemented project	

2.4 Site Visits

As discussed in the above section, physical site inspection is done for the current verification. Following are the details that were identified during the on-site visit of the project:

On-site audit dates-12/03/2024			
S.no	Activity Performed on-site	Site location	Team member
1.	- Assessment team checked the implementation of the project. - Baseline emissions, emission reduction calculation. - Technical description of the project and monitoring	Lapseki District, Üçpınar Village, Türkiye	Divij Varshney Kubra Agriman

	- Assessment team also checked whether the monitoring plan as described in PD is practiced on-site		
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A site visit was undertaken by the assessment team on 12/03/2024 to carry out the following:

- An assessment of the implementation and operation of the registered project activity as per registered PD or any approved revised PD/01/.
- A review of information flow of generation, aggregation and reporting the monitoring parameter.
- Interview with relevant personnel to determine whether the operational and data collection procedure is implemented in accordance with the monitoring plan in the PD.
- A cross-check between the information provided in the monitoring report and data from other sources such as JMR sheet, invoices, PPA Agreement.
- A check of the monitoring equipment including calibration performance and observation of monitoring practices against the requirements of the PD/01/, the applied methodology/09/ including applicable tool /31/and where applicable standardized baseline.
- A review of calculations and assumptions made in determining the GHG data and emission reductions.
- An identification of quality control and quality assurance procedure in place to prevent or identify and correct any errors or emission in the reported monitoring parameters.

It is noteworthy that no sampling plan based on the above assessment it can be concluded that the assessment team has verified sufficient appropriate audit evidence, to reduce audit risk to an acceptably low level as requisite to achieve reasonable level of assurance for the current verification.

2.5 Resolution of Findings

The objective of this step is to identify, discuss and conclude on the issues which are material and that are found during the assessment (Monitoring, implementation, and operations) of the project activity which could impair the capacity of the registered project activity to achieve emission reductions or influence the monitoring and reporting of the emission reductions. The findings may be of the following types: CAR- Corrective action Request, CL – Clarification Request, FAR – Forward Action Request.

Based on the above assessment it can be concluded that the assessment team has verified sufficient data, to reduce audit risk to an acceptably low level as a requisite to achieve reasonable level of assurance for the current monitoring period

CAR (Corrective Action Request) is raised if one of the following occurs:

Non-compliance with the monitoring plan, the methodology or the standardized baseline are found in monitoring and reporting and has not been sufficiently documented by the project participants, or if the evidence provided to prove conformity is insufficient.

- a) Modifications to the implementation, operation and monitoring of the registered project activity has not been sufficiently documented by the project participants.
- b) Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impact the quantity of emission reductions.
- c) Change to the key sustainable development indicators.
- d) Issues identified in a FAR during validation to be verified during verification or previous verification(s) have not been resolved by the project participants.

Clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable requirements have been met. All CARs and CLs raised by the Earthood during verification shall be resolved prior to submitting a request for issuance.

FAR (Forward Action Request) is raised during verification if the monitoring and reporting require attention and/or adjustment for the next verification period.

The Objective of this verification phase was to resolve the requests for corrective actions, clarification and any other outstanding issues from verification which need to be assessed for Earthood's positive conclusion on the Monitoring report. The corrective action requests and clarification requests raised by the VVB (Earthood) were successfully resolved by the PP (Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş.,) to complete the verification process.

A total of 01 CLs and 04 CARs were raised in the current verification. No FAR was raised. All the findings that are raised and communicated to project participant during the verification are included under Appendix IV. The section also includes the response, if provided, by the project participants and an assessment by the verification team if it was closed out or otherwise.

2.5.1 Forward Action Requests

This is the second verification of the Project Activity and no FAR was raised from validation/02/ and previous verification/03/.

2.6 Eligibility for Validation Activities

Not applicable since there was no such undertaking for the given project.

3 VALIDATION FINDINGS

Project is registered under VCS only (VCS ID-1907)/08/. It is confirmed from the declaration/14/ provided by the project proponent “Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş” that the net GHG emission reductions generated by the project activity will not be used for compliance with any other emissions trading program or to meet binding limits on GHG emissions for the same monitoring period.

The project activity is not a part of any other GHG Program. The VVB has independently assessed the CDM project webpage and, checked other registries like GS and GCC for the registration of the project activity.

The credit issuance records for the PA (VCS - 1907) are as verified from VCS webpage, accessed from – <https://registry.verra.org/app/projectDetail/VCS/1907> is summarized as:

Sr. No.	Monitoring Period	Verifying VVB
1.	01/06/2022 - 31/12/2023 (2 nd Monitoring period)	Earthood Services Private Limited

Hence, the VVB concludes that the Project Activity is registered under VCS and is only claiming the ERs through VCS program and is not registered in any other GHG programs.

3.1 Methodology Deviations

No methodology deviations were found for this monitoring period.

3.2 Project Description Deviations

There were no permanent changes observed in the project description deviations. However, during previous verification, it was observed that there was an overproduction of electricity for a few months. As per the registered PD/01/, all turbines produced electricity of up to 3.0 MWe under normal conditions in the power plant. In line with the statement from TEİAŞ, each turbine is permitted to generate electricity in such a way that it could reach its maximum capacity (3.4 MWm). Therefore, the only change in the project is that each turbine is now permitted to produce electricity according to its maximum capacity (3.4 MWm), whereas they normally generate electricity according to 3.0 MWe. The statement sent by TEİAŞ on 12/05/2022, says that “this increase will be done in case of any need, and this will be notified one day before the increase is actualized” and this decision will be implemented until 30/09/2022, as confirmed by the evidence/18/. Thus, the installed power capacity of the plant was increased less than 10%. This is a temporary decision taken by the government due to Türkiye’s energy deficit. This is a temporary change, not a permanent change. Therefore, this change will not impact the project methodology, additionality, or appropriateness of the baseline scenario.

3.3 New Project Activity Instances in Grouped Projects

This is not applicable as, Üçpınar Power Plant Project is a single project not a grouped project activity.

3.4 Baseline Reassessment

Did the project undergo baseline reassessment during the monitoring period?

☐ Yes ☒ No

Not applicable since the project did not go under any baseline reassessment during this monitoring period.

4 VERIFICATION FINDINGS

4.1 Project Details

Item	Evidence gathering activities, evidence checked, and assessment conclusion:
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Audit history	VCS Project 1907, titled Üçpınar Wind Power Project, Türkiye was validated by Rina Services S.P.A. for 10 years with crediting period 18/06/2019 to 17/06/2029. First verification was done by Earthood for the monitoring period 18/06/2019 to 31/05/2022. The details of the audit history as described under section 1.2 of the MR have been confirmed from the publicly available information and previous verification reports on the project webpage and is found consistent/08/
Double counting and participation under other GHG programs	The project is registered under VCS ID 1907. The PP has submitted the declaration/19/ which states that the net GHG emission reductions generated by the project activity will not be used for double counting and participation under other GHG programs for the same period. To avoid double counting, various registries like GS, GCC, CDM and they have been checked thoroughly and it has been confirmed that the project is not registered with any other GHG mechanism except VCS.
No double claiming with emissions trading programs or binding emission limits	The project is registered under VCS only (VCS ID-1907). The PP has submitted the declarations/14/ which states that the net GHG emission reductions generated by the project activity will not be used for compliance with any other emissions trading program or to meet binding limits on GHG emissions for the same monitoring period. To avoid double counting, various registries like GS, GCC, CDM and they have been checked thoroughly and it has been confirmed that the project is not registered with any other GHG mechanism except VCS.
No double claiming with other forms of environmental credit	The project is registered under VCS program only (1907). The PP has submitted the declaration/14/ which states that the net GHG emission reductions generated by the project activity will not be used for double claiming with other form of environmental credit.
Supply chain (scope 3) emissions double claiming	N/A, since the project activity is a grid connected wind plant and does not affect the emissions footprint of any products(s) (goods or services) that are part of any supply chain.

Sustainable development contributions	The project activity contributes to the four SDG as mentioned under section 1.12 of the monitoring report/04/. - SDG 6.3: Indicator 6.3.1, Promotes proportion of domestic and industrial wastewater flows safely treated. During the current MP the wastewater protocols were followed as confirmed by the wastewater transfer invoices/23/. - SDG 7.2: Indicator 7.2.1, Promote renewable electricity generation from wind power plant. During the current MP the project facilitated 555,453MWh renewable energy to the Turkish national grid/16/. This was confirmed from the monthly data generated through EPIAŞ/17/ and monthly invoices raised to the TEİAŞ/16/. - SDG 8.5: Promotes sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all. The records of employment at the project site were verified by the VVB and it is confirmed that 07 jobs were created during the operation phase of the plant/22/. - SDG 13.2: Indicator 13.2.2 Tons of greenhouse gas emissions avoided or removed; the project activity led to generation of renewable energy thereby leading to a total of 315,274tCO_{2e} emission being reduced as verified from the calculation in the ER sheet/05/.
Additional information relevant to the project	N/A

4.2 Safeguards and Stakeholder Engagement

4.2.1 Stakeholder Identification

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Stakeholder identification	NA, since this is not the part of project activity.

Legal or customary tenure/access rights	
Stakeholder diversity and changes over time	
Expected changes in well-being	
Location of stakeholders	
Location of resources	

4.2.2 Stakeholder Consultation and Ongoing Communication

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Ongoing consultation	The project proponent has established the on-going communication mechanism with the stakeholders involved, who can reach them in case of any grievances through: Direct communication: A logbook/20/ and contact information of the authorized person from the owner company is available at village head's office so that the local stakeholders can reach these people whenever they have any complaints, suggestions, or ideas about the project. Also, during the site visit, local stakeholders were interviewed about the ongoing consultation and grievance mechanism, and it has been confirmed that the locals have knowledge about the same.
Date(s) of stakeholder consultation	Logbook has been available since the last monitoring period. During the on-site visit, the logbook has been checked and is found to be available in the project site office.
Communication of monitored results	The logbook/20/ and contact information of the authorized person from the owner company is available at village head's office so that the local stakeholders can reach these people whenever they have any complaints, suggestions, or ideas about the project. This

	information was confirmed by the assessment team during the on-site visit and through interviewing the local stakeholders/19/.
Consultation records	Logbook and declaration
Stakeholder input	No feedback is provided to the logbook. The logbook has been checked and no feedback has been provided by the local stakeholders. During the onsite visit/19/ local stakeholders were interviewed and they have no negative inputs regarding the project activity.

4.2.3 Free, Prior, and Informed Consent

There are no ongoing conflicts or issues with stakeholders.

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Consent	N/A
Outcome of FPIC discussion	N/A

4.2.4 Grievance Redress Procedure

No grievance is received during this monitoring period.

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Grievance received and steps taken to resolve the grievance including the outcomes of the resolution	No grievance received during the current monitoring period. The logbook has been checked and no feedback has been provided by the local stakeholders. During the onsite visit/19/ local stakeholders were interviewed and they have no negative inputs regarding the project activity.
Grievance redress procedure	During the current verification, it was communicated by PP and confirmed by assessment team that there is no grievance registered in the grievance logbook/20/.

	The project proponent has established the on-going communication mechanism with the stakeholders involved, who can reach them in case of any grievances through: Direct communication: A logbook /20/ and contact information of the authorized person from the owner company is available at village head's office so that the local stakeholders can reach these people whenever they have any complaints, suggestions, or ideas about the project. The same has been confirmed by the assessment team during the onsite visit and interviewees with the local stakeholder/19/
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4.2.5 Public Comments

No public comments were received for the project during the monitoring period.

Comments received	Actions taken by the project proponent	Evidence gathering activities, evidence checked, and assessment conclusion
N/A	N/A	N/A

4.2.6 Risks to Local Stakeholders and the Environment

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Risks to stakeholder participation	No risk identified, the stakeholders were interviewed during the site visit and no negative feedback is received.
Working conditions	The interviewed plant site personnel reported no health and safety risks or untoward incidents during the current MP. During the site visit, the working environment of the project site was observed, and the workers were provided with appropriate safety equipment/19/.
Safety of women and girls	The plant does not employ women in operational roles as confirmed during the site visit/19/ and employment records/22/, however no risk is identified.

Safety of minority and marginalized groups, including children	No risk identified as observed during the site visit/19/.
Pollutants (air, noise, discharges to water, generation of waste, release of hazardous materials)	It was confirmed during the on-site audit/19/ that the operation of the turbine generates only a minimal amount of noise., which was also confirmed during the interviews conducted with the local stakeholder. During the on-site visit, it was also observed that the water discharge was segregated and sent to authorised waste handlers to treat it accordingly. This was confirmed by the waste invoices /23/ provided by the PP for wastewater discharge treatment.

4.2.7 Respect for Human Rights and Equity

4.2.7.1 Labor and Work

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Discrimination and sexual harassment	NA
Management experience	NA
Gender equity in labor and work	No women have been found to be working in the power plant during the on-site visit. However, women participants are encouraged, and equal opportunity has been provided as confirmed during the on-site visit.
Human trafficking, forced labor, and child labor	It has been confirmed during the onsite visit that project activity does not use victims of human trafficking, forced labor, and child labor.

4.2.7.2 Human Rights

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Human rights	No human right violations are attributable to the project activity.

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4.2.7.3 Indigenous Peoples and Cultural Heritage

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Preservation and protection of cultural heritage	N/A

4.2.7.4 Property Rights

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Disputes over rights to territories and resources	N/A
Respect for property rights	N/A

4.2.7.5 Benefit Sharing

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Summary of the benefit sharing plan	N/A
Benefit sharing during the monitoring period	N/A

4.2.8 Ecosystem Health

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Impacts on biodiversity and ecosystems	No negative impact identified on biodiversity and ecosystem as confirmed through the PP declaration, VVB has also confirmed the same through the interviews with the site personnels/19/. Also, no bird carcasses have been observed during the on-site visit near the project site.
Soil degradation and soil erosion	N/A
Water consumption and stress	No risk was identified for water consumption and stress, only water consumption is due to the daily routines of the daily routines of the plant's employees (food, WC, etc.). It has also been verified during the site visit assessment. PP has also submitted Wastewater transfer invoices regarding the water quality and quantity indicator for the current monitoring period /19/.
Usage of fertilizers	N/A

4.2.8.1 Rare, Threatened, and Endangered species

Item	Evidence gathering activities, evidence checked, and assessment conclusion
Species or habitat	No negative impact identified on biodiversity and ecosystem as confirmed through the PP declaration/28/, VVB has also confirmed the same through the interviews with the site personnels/19/. Also, no bird carcasses have been observed during the on-site visit near the project site,
...	...

4.2.8.2 Introduction of Species

N/A

Species introduced	Evidence gathering activities, evidence checked, and assessment conclusion
N/A	N/A

Existing invasive species	Evidence gathering activities, evidence checked, and assessment conclusion
N/A	N/A

4.2.8.3 Ecosystem conversion

N/A

Item	Evidence gathering activities and evidence checked
Ecosystem conversion	

4.3 Accuracy of Reduction and Removal Calculations

The project monitoring has been carried out in accordance with the registered VCS PD/01/. The monitoring plan laid in the registered PD/01/ is being followed at the site. The assessment team has verified the information flow (from data generation, aggregation, to recording, calculation and reporting for these parameters including the values) in the MR/03/.

The emission reduction is based on the introduction of renewable energy (wind power plant) by the project activity. The emission reduction calculation is accurate from the point of data collection, transfer and the formulas applied are in accordance with the applied methodology/09/ and the registered PD/01/.

The default values applied for calculations were consistent with the registered PD/01/. The data transfer from the monthly generation sheets to final emission reduction calculation sheet/05/ has been transparently described and followed. The final values are reproducible, and all the calculations are linked and clearly presented in the emission reduction calculation sheet/05/.

The calculation of the emission reduction is found to be correct, as verified through the ER sheet/05/. The calculation method and formulae used in calculating baseline emission, project emission and leakage emission are found to be appropriate and is in compliance to the applied methodology. The assessment team can conclude that the monitoring for the concerned period has been done in accordance with the procedures laid out in the registered documents/01//04/ and the resulting emission reductions are measurable and conservative/05/.

4.4 Quality of Evidence to Determine Reductions and Removals

All the data recorded are in compliance with the registered VCS PD/01/ and Monitoring Report/04/. The emission reductions calculations for this verification were verified against the monthly EPIAS Records and TEİAŞ records /16/17/ for the current monitoring period and were found to be consistent. Certificates are prepared and issued based on monthly meter readings by PP and TEİAŞ and used for commercial invoice purposes, hence, they are found to be reliable and authentic. The information was also cross-checked through the received documents and interviews conducted and observations made during the onsite visit conducted by the assessment team.

The monitoring of the project activity is found to be in accordance with the monitoring methodology described in ACM0002, version 19/09/. The monitoring mechanism is effective and reliable. During the onsite audit, personnel involved at various levels of the operations of the project activity have been interviewed to confirm that the plant personnel are conscious of the importance of the monitoring activities.

The meter complies with appropriate quality standards applicable for the used technology. The accuracy class of the meters installed for the project activity was verified through the registered VCS PD/01/, MR/04/ and calibration certificates/15/ are found to be consistent.

.

The following parameter has been verified for current monitoring period:

Parameter fixed ex ante

Means of Verification	Data/Parameter	VVB assessment
	EGy: Net electricity generated by power plant/unit m,k, or n (or in the project electricity system in case of Egy) in year y or hour h	PP has applied the value of net electricity generated using official data published by TEİAŞ /16/ for all the power plants in Türkiye the value is correctly reflected under table 13,14 and 15 of the PD/01/, the value is fixed ex-ante and are found to be consisted in the MR//04/.
	HVi,y: Heating values of fuels consumed for electricity generation in the years of 2015, 2016 and 2017	The official data by the national authority TEİAŞ /16/ is used by the PP and is found to be consistent with PD/01/,

	FC _{i,y} : Amount of fuel type I consumed in the project electricity system in year y	The official data by the national authority TEİAŞ /16/ is used by the PP and is found to be consistent with the PD//01/.
	NCV _{i,y} : Net calorific value of fuel types in the years of 2015, 2016 and 2017	There is no official source in Türkiye for the Net Calorific value of fuel types, therefore is value is calculated ex-ante using HVi,y to FC _{i,y} , and the value in the MR is consistent with the table 7 and 8 of the ER ex-ante sheet/05/
	Sample group for BM emission factor	Energy Investments, Ministry of Energy and Natural Sources/26/ is the source of data fixed anted for determining the sample group, the source is correctly reflected in the MR/04/.
	EFCO ₂ I,y: CO ₂ emission factor of fossil fuel type in year y	PP has applied the IPCC default values using 95% confidence interval, the value mentioned in the MR/04/ and the ER is found to be consistent with the PD/01/
	η _{m,y} : Average energy conversion efficiency of power unit m in year y	PP has applied the default value using tool 09 v2.0. The value is fixed ex-ante and the is found to be consistently mentioned in the MR/04/.
Findings	No findings were raised.	
Conclusion	The ex-ante parameters mentioned in the MR/04/ are cross-checked with the registered VCS PD/01/ and are found to be consistent.	

Parameter: Net quantity electricity generated and delivered to the grid by power unit m in year y, $EG_{m,y}$ (MWh):

Means of verification	Criteria/Requirement	Assessment/Observation
	Measuring/Reading/Recording frequency	The parameter is calculated and recorded on monthly basis, however, the input values used to calculate the value of E_{gy} are continuously monitored and monthly recorded.
	Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes/No)	Yes, the measuring and reporting frequency is in line with the monitoring plan as outlined in the registered PD/01/ and monitoring methodology/10/.
	Monitoring equipment	There are two feeders at the site and each feeder has a set of main and backup meter, hence, there are a total of 4 meters at the project site. The brand and model for the main and check meter is ITRON & SL761W071 with accuracy class 0.2s having serial number 84051115 (main), 84051116 (main), 84051117 (backup) and 84051118 (backup) respectively. This has been confirmed through the photographs of energy meters /30/, on-site visit/19/ and calibration certificates /15/ shared by the PP.
	Is the accuracy of the monitoring equipment as stated in the monitoring plan? If the monitoring plan does not specify the	The accuracy of the monitoring equipment used to measure the values is 0.2s, which is as per registered PD/01/. This has been

	accuracy of the monitoring equipment, does the accuracy of the monitoring equipment comply with local/national standards, or as per the manufacturer's specification?	confirmed through the photographs of energy meters /30/, on-site visit/19/ and calibration certificates shared by the PP/15/.
	Is the accuracy valid for the entire measuring range or do different accuracy levels apply to different measuring ranges?	Yes, the accuracy is valid for the entire measuring range.
	Calibration frequency/interval:	The meters are calibrated every 10 years which is in line with the Paragraph b) of the article 9 of the 'Regulation of Metering and Testing of Metering Systems' – Regulation of the Ministry. However, PP also conducted a periodic tests of the installed every two years. The details of the periodic tests has been provided below under the heading 'calibration of meters'
	Is the calibration interval in line with the monitoring plan and/or methodology? If the monitoring plan does not specify the frequency of calibration, is the selected frequency in accordance with the local/national standards, pending until the findings are closed or as per the manufacturer's specification?	Yes, the calibration interval of meters is 10 years, which is in line with the monitoring plan/01/.
	Is the calibration of measuring equipment carried out by an accredited person or institute on?	The meter testing and checking procedures are solely within the purview of TEIAS.
	Is(are) calibration(s) valid for the whole reporting period?	Yes, the calibration is valid for the entire monitoring period.

	How were the values in the monitoring report verified?	The monthly EPIAS record/17/ has been verified for the export and import electricity generation. The value of the parameter has been calculated as the difference between the electricity exported to the grid and imported from the grid, which has been described in ER sheet/05/ and is found to be appropriate. The ER sheet has been checked for the application of formulae, arithmetic consistency, faithful reproduction of data with high level of confidence. Values Monitored:555,453 MWh
	If applicable, has the reported data been cross-checked with other available data?	The monthly reported values of EGy was further cross-checked with the TEIAS meter reading records/16/.
	Does the data management ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, the data ensures correct transfer of data and reporting of emission reductions management. QA/QC processes are in place.
	In case project participants have temporarily not monitored the parameter, has either i) a deviation been approved by the CDM EB or ii) has the parameter been estimated as stipulated by Appendix 1 to the CDM Project Standard?	NA
Findings	CAR#03 has been raised and resolved	
Conclusion	The parameter has been monitored appropriately in accordance with the registered monitoring plan/01/ and applied methodology/08/. The	

	monitored data was recorded consistently as per the approved frequency in monitoring plan. Since 100% data has been monitored and verified, the verification team can ascertain that the values used for calculation of emission reduction are free from material errors.
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Calibration of meters:

The energy meters installed at respective sub-stations are of accuracy class 0.2s as verified through the calibration certificates/15/ and on-site visit/19/. The installation of the meters was checked through calibration certificates, photographs and on-site visit/19/ and found to be satisfactory. Details of the meters are provided below table:

Name	Brand & Model	Serial Number	Make & Accuracy	Date of First Index Protocol	Date of Test Report of Meters	Remark
Main Meter-I	ITRON & SL761W071	84051115	0.2S	25/04/2019	12/07/2021 26/04/2023	No delay was found in calibration frequency or meter testing.
Main Meter-II	ITRON & SL761W071	84051116	0.2S	25/04/2019	12/07/2021 26/04/2023	
Back-up Meter- I	ITRON & SL761W071	84051117	0.2S	25/04/2019	12/07/2021 26/04/2023	
Back-up Meter-II	ITRON & SL761W071	84051118	0.2S	25/04/2019	12/07/2021 26/04/2023	

According to Paragraph b) of Article 9 of the 'Regulation of Metering and Testing of Metering Systems' (Regulation) of the Ministry, periodic calibration of meters will be done every 10 years according to the regulation. This is in line with the guidelines outlined in Paragraph 365 of VVS, Version 3.0, and thus accepted by the assessment team.

In view of the above discussion, the assessment team was able to confirm that the evidence used to determine the GHG reduction and removals is sufficient and appropriate with respect to quality and quantity.

Assessment of Data and calculation of GHG emissions or net removals

i. Calculation of Baseline Emissions

In accordance with the applied methodology ACM0002/09/, the baseline emissions are the CO₂ emissions from the electricity generation from the fossil fuel fired power plant that are displaced due to the project activity. The methodology assumes that all project electricity generation above baseline levels would have been generated by existing grid-connected power plants and the additions of new grid- connected power plants.

The baseline emissions are calculated as follows:

$$BE_y = (EG_y - EG_{baseline}) \times EF_{grid,CM,y}$$

Where:

BE_y = Baseline emissions in year y (tCO₂/yr).

EG_y = Electricity supplied by the project activity to the grid (MWh).

$EG_{baseline}$ = Baseline electricity supplied to the grid in the case of modified or retrofit facilities (MWh). For new power plants this value is taken as zero.

$EF_{grid,CM,y}$ = 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 (v6)”.

The project activity is the installation of a new grid-connected renewable power plant so,

$$EG_{baseline} = 0$$

ii. Calculation of project emissions

In accordance with the applied methodology/09/, for most renewable power generation project activities, $PE_y = 0$.

Since the project activities is a wind energy-based power generation, the project emissions are not applicable to the project activity.

Hence, $PE_y = 0$

iii. Calculation of Leakage Emissions

In accordance with the applied methodology/09/, no leakage emissions are considered. The main emission potentially giving rise to leakage in the context of projects in power sector are emissions due to activities such as power plant construction and upstream emissions from fossil fuel use (e.g. extraction, processing, and transportation). These emission sources are neglected.

Therefore, $LE_y = 0$.

iv. Calculation of net emission reduction or removal

The emission reduction as per the applied methodology /09/ equals the baseline emissions (project emissions and leakage emissions for such project activities is considered zero). The formula provided for the calculation of baseline emissions is:

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

$$BE_y = 555,453 \text{ MWh} \times 0.5676$$

$$= 315,274 \text{ tCO}_2$$

The Combined margin CO₂ emissions factor in year y (tCO₂/MWh), EF_{grid,CM,y}, is fixed ex-ante for the duration of the crediting period, and is 0.5676 tCO₂e/MWh.

The emission reduction has been calculated based on formula:

$$ER_y = BE_y - PE_y - LE_y$$

$$\text{Project emission, } PE_y = 0$$

$$\text{Project leakage, } LE_y = 0$$

$$\text{Thus, } ER_y = BE_y = 315,274 \text{ tCO}_2\text{e}$$

4.5 Non-Permanence Risk Analysis

Not applicable for the project activity.

5 VERIFICATION OPINION

5.1 Verification Summary

Earthhood Services Private Limited (Earthhood), contracted by Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş., to perform the independent verification of the emission reductions for the VCS project actively (VCS-1907) “Üçpınar Wind Power Project, Turkey” for the monitoring period 01-Jun-2022 to 31-Dec-2023 as reported in the monitoring report version 4.0 dated 05-April-2024/04/. The Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş. is responsible for the collection of data in accordance with the monitoring plan and the reporting of GHG emission reduction from the project activity.

It is our responsibility to express an independent verification statement on the reported GHG emission reductions from the project activity. Earthood commenced the verification based on the baseline and monitoring methodology ACM0002, version 19.0/9/, the monitoring plan contained in the VCS registered PD/01/ and the VCS standard version 4.6/06/. The verification approach of the assessment team is based on the understanding of the risk associated with reporting of GHG emission data and the controls in place to mitigate these. Earthood planned and performed the verification by obtaining evidence and other information and explanations that Earthood considered necessary to give reasonable assurance that reported GHG emission reduction are fairly stated.

5.2 Verification Conclusion

In our opinion the GHG emissions reductions reported for the project activity for the period 01-Jun-2022 to 31-Dec-2023 are calculated and stated in monitoring report version 4.0 dated 05-April-2024/04/. The GHG emission reduction was calculated correctly based on the approved baseline and monitoring methodology ACM0002, version 19.0/09/ and the VCS standard/06/.

Verification period: From 01-Jun-2022 to 31-Dec-2023

Verified GHG emission reductions and carbon dioxide removals in the above verification period:

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Reduction VCUs (tCO ₂ e)	Removal VCUs (tCO ₂ e)	Total VCUs (tCO ₂ e)
01-Jun-2022 to 31-Dec-2022	122,846	0	0	0	0	122,846
01-Jan-2023 to 31-Dec-2023	192,428	0	0	0	0	192,428
Total	315,274	0	0	0	0	315.274

For projects required to assess permanence risk:

NA for this project activity.

i) Provide a conclusion on the following information:

The non-permanence risk rating (%)	N/A
If applicable, the Long-term Average (LTA), whether it has been properly updated, and if it has been reached.	N/A

Whether a loss has been appropriately accounted for, in accordance with the VCS Program rules, if applicable.

N/A

5.3 Ex-ante vs Ex-post ERR Comparison

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
01-Jun-2022 to 31-Dec-2022	105,651	122,846	16%	During the assessment of the current monitoring period, overproduction of the electricity generated was observed. This decision was made by the government of Türkiye because of the country's energy deficit. To fulfil the country's energy demand, TEIAS allowed the power plants to use the full mechanical capacity i.e., 3.4 MWh. This was confirmed by the TEIAS declaration/18/. The practice was available for a limited amount of time and was regulated by the host country's government. Nevertheless, the Üçpınar WPP was only generated in line with its mechanical capacity, with an overall difference was 10%.
01-Jan-2023 to 31-Dec-2023	180,199	192,428	7%	
Total	285,850	315,274	10%	

APPENDIX 1: COMMERCIALLY SENSITIVE INFORMATION

Use the table below to describe the commercially sensitive information included in the monitoring report to be excluded in the public version.

Section	Information	Justification	Assessment method and conclusion
1.	Not Applicable	Not Applicable	It has been verified through DR of PD through section 1.13 and site visit that most of the information is non-confidential and is available to stakeholders.

Approved By:



Kaviraj Singh

Managing Director

Earthood Services Private Limited

Date: 08/04/2024

Place: Gurgaon, Haryana

APPENDIX 2: COMPETENCE STATEMENT

Competence Statement			
Name	Divij Varshney		
Education	M.Tech. Renewable energy systems B.Tech. Electrical Engineering		
Experience	1.5 years		
Field	Climate Change & Environment / Industry		
Approved Roles			
Team Leader	Yes (VM)		
Validator	Yes (VM)		
Verifier	Yes (VM)		
Local expert	Yes (India)		
Financial Expert	NO		
Technical Reviewer	NO		
TA Expert (X.X)	Yes (VM TA 1.2, 3.1)		
Reviewed by	Shifali Guleria, Quality Manager	Date	18/09/2023
Approved by	Deepika Mahala, Technical Manager	Date	18/09/2023

Competence Statement	
Name	Karamjot Kour
Education	M.Sc (Soil Science and Agricultural Chemistry) B.Sc (Agriculture)
Experience	-
Field	Agriculture
Approved Roles	
Team Leader	NO
Validator	NO
Verifier	NO

Methodology Expert	NO		
Local expert	NO		
Financial Expert	NO		
Technical Reviewer	NO		
TA Expert (X.X)	NO		
Trainee	YES		
Reviewed by	Shifali Guleria (Quality Manager)	Date	02/01/2024
Approved by	Deepika Mahala (Technical Manager)	Date	02/01/2024

Competence Statement	
Name	Kubra Agriman
Education	BS Environmental Engineering
Experience	2 years
Field	Environmental Engineering
Approved Roles	
Team Leader	NO
Validator	NO
Verifier	NO
Methodology Expert	NO
Local expert	Yes (Turkey)
Financial Expert	NO
Technical Reviewer	NO
TA Expert (X.X)	NO

Trainee	Yes		
Reviewed by	Shifali Guleria, Quality Manager	Date	27/12/2022
Approved by	Deepika Mahala, Technical Manager	Date	27/12/2022

Competence Statement			
Name	Ashok Gautam		
Country	India		
Education	M. Sc. (Environmental Sciences) M. Tech. (Energy & Environmental Management)		
Experience	16 Years +		
Field	Energy, Climate Change & Environment		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	AMS-I.D., AMS-I.A., AMS-I.C., AMS-I.E, AMS-II.D., AMS-II.G., AMS-III.E., AMS-III.H., AMS-III.Q, AMS-III.Z., AMS-III.AV., AMS III.AR, AM0029, AM0025, AM0056, ACM0001, ACM0002, ACM0004, ACM0012, ACM0006, AM0018, ACM0017, ACM0009, AM0034, AMS.I.B, ACM0016, AMS-III.BL, AMS-II.L, AMS-I.I., AMS-III.A.O., ACM0010, ACM0025		
Local expert	YES (India)		
Financial Expert	YES		
Technical Reviewer	YES		
TA Expert	YES (TA 1.1, TA 1.2, TA 3.1, TA 13.1)		
Reviewed by	Shifali Guleria	Date	06/03/2023

Approved by	Deepika Mahala	Date	06/03/2023
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APPENDIX 3: DOCUMENT REFERENCES

S. No.	Title of Document	Version	Date
1.	Registered VCS PD	08	08/12/2021
2.	Validation Report	04	17/12/2021
3.	Previous Verification Report	02	30/01/2023
4.	VCS Monitoring Report	04	05/04/2024
5.	ER Spreadsheet (corresponding to the monitoring period	Pertaining to latest MR	02/04/2024
6.	VCS Standard	v. 4.6	21/03/2024
7.	VCS Program Guide	v.4.4	29/08/2023
8.	VCS webpage for the project ID-1907	-	-
9.	Approved methodology ACM0002, v19 “Grid-connected electricity generation from renewable sources”	v19	-
10.	Tool to calculate the emission factor for an electricity system	v07	-
11.	Commissioning Certificates for all the WTGs of the project activity	-	10/05/2019 18/06/2019
12.	Connection Agreement		03/04/2019
13.	Provisional Acceptance		06-05-2019
14.	Letter of declaration of dated from PP regarding not having created or sought any other form of environmental credit for the same period	-	-
15.	Certificates of Calibration for both meters belonging to the project activity	-	Various

	Technical Specification of meters		
16	TEİAŞ Invoices Issued/ TEİAŞ Protocol	-	01/06/2022 to 31/12/2023
17.	EPIAS Screenshots of monthly production	-	01/06/2022 to 31/12/2023
18.	TEİAŞ statement mechanical power permission	-	12/05/2022
19.	On-site audit and interviews conducted by the assessment team	-	12/03/2024
20.	Copy of grievance register maintained at project site office for on-going local stakeholder feedback (logbook)	-	For the current monitoring period.
21	Training document	-	For the current monitoring period.
22.	Employment records	-	For the current monitoring period.
23.	Wastewater transfer invoices	-	For the current monitoring period.
24.	EIA not required	ID: 1331693	25/05/2021
25.	Heating Values of Fuels Consumed in Thermal Power Plants in Türkiye by the electric utilities, TEİAŞ. https://webapi.teias.gov.tr/file/780b9f4b-7e97-4e64-a264-20669a820b79?download	-	-
26.	Energy Investments, Ministry of Energy and Natural Sources: https://enerji.gov.tr/eigm-raporlari	-	-
27	Google Earth	-	-
28	Letter of declaration of dated from PP regarding not having created any sort of environmental damage	-	01.01.2024

29	Meter testing reports	-	12/07/2021 26/04/2023
30	Photographs of energy meters	-	-
31	Applicable tools: Tool 7: Tool to calculate the emission factor for an electricity system, v7.0 Tool 01: Tool for the demonstration and assessment of additionality, v7.0 Tool 02: Combined tool to identify the baseline scenario and demonstrate additionality, v7.0 Tool 03: Tool to calculate project or leakage CO2 emissions from fossil fuel combustion, v3.0 Tool 10: Tool to determine the remaining lifetime of the equipment, v1.0		

APPENDIX 4: ABBREVIATIONS

Abbreviations	Full texts
AFOLU	Agriculture, Forestry and Other Land Use
BE	Baseline Emission
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CL	Clarification Request
CO ₂	Carbon di oxide
CP	Crediting Period
DR	Desk Review
EI	External Individual
ER	Emission Reductions
ESPL	Earthood Services Private Limited
FAR	Forward Action Request
GHG	Green House Gas
PAI	Project Activity Instances
PD	Project Description
PP	Project Proponent
SDG	Sustainable Development Goals
tCO ₂ e	tonnes (t) of carbon dioxide (CO ₂) equivalent (e)
V	Version
VCS	Verified Carbon Standard
VCUs	Verified Carbon Units
VVB	Validation and Verification Body

APPENDIX 5: FINDINGS

Table 1. Remaining FAR from previous verification

FAR ID	XX	Section no.		Date : DD/MM/YYYY
Description of FAR				
Project participant response				Date : DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

No FAR was raised from previous verification.

Table 2. CL from this verification

CL ID	01	Section no.	3.2	Date : 07/03/2024
Description of CL				
In section 5.4, It has been observed that the actual emission reduction is greater than the ex-ante estimated emission reduction. PP is requested to provide a detailed explanation of the percent difference between the achieved reductions and the ex-ante estimated reductions for the entire monitoring period.				
Project participant response				Date : 21/03/2024
The necessary explanations are provided under Section 5.4. Supporting documentation are submitted.				
Documentation provided by project participant				
TEIAS Capacity 22-23.pdf, Example increase.pdf, VCS-Monitoring-Report-Uçpınar_A0_v2_TC.docx				
DOE assessment				Date: 22/03/2024
PP has updated the section 5.4 with the detailed explanation of the increase in emission reduction for the current monitoring period. The explanation was found satisfactory since there is no increase in the installed capacity or number of turbines. The turbines will be permitted to generate at their maximum capacity, i.e., 3.4 MW, from September 30, 2022. This is clear from the TEİAŞ decision (10971), which is given as evidence. Since this practice was adopted for a limited amount of time due to the energy deficit prevailing over the country and doesn't impact the project's production capacity, it was found to be feasible. Hence, the estimated ERs are lower than the actual emission reduction. Hence the information provided is found sufficient to close the finding.				
Thus, CL#01 is closed.				

Table 3. CAR from this verification

CAR ID	01	Section no.	4.1	Date : 07/03/2024
Description of CAR				
The following observations were made in the monitoring report: 1. In Cover page, PP is requested to check the version of the VCS standard of the monitoring report. Please update and revise in the MR. 2. Under section 1.1 of the monitoring report, in Table 1, the value for cut-out wind speed (m/s) is given 25. However, in the registered PDD, the value of cut-out wind speed is 29. PP is requested to clarify and revise the values. 3. Under section 1.1 of the monitoring report, the value of estimated net electricity generation is 180,199 MWh per year. While in the registered PDD, the value of estimated net electricity generation 317,500 MWh per year. PP is requested to revise the value in the MR. 4. In section 1.5, for the Other Entities Involved in the Project, PP is requested to clarify that the Project Representative referred is the same as the Project consultant, if so, PP is requested to make it in line with the registered PDD. 5. Section 1.2 'Audit History', PP is requested to include the period of this verification as per template guidelines. 6. Section 1.12, table 1: Sustainable Development Contributions, column 'Contributions over project lifetime', PP is requested to write the overall contribution from the start of the crediting period as per template guidelines.				
Project participant response				Date : 21/03/2024
1. According to the registered PDD page 42, footnote 55, the VCS Standard is 3.7. The cover page is revised accordingly. 2. The cut-out wind speed is corrected. 3. The value was mixed up with the annual ER amount. It's now corrected. 4. Life İklim ve Enerji Ltd. Şti.'s role is revised as "Project Consultant" and is in line with the registered PDD. 5. This MP is added to Section 1.2. 6. The section is revised.				
Documentation provided by project participant				
VCS-Monitoring-Report-Üçpınar_AO_v2_TC.docx				
DOE assessment				Date: 22/03/2024
1. The standard version in the cover page has been updated to the latest standard version. Hence the comment has been addressed and closed. 2. The value of the cut-out wind speed has been revised in the section 1.1 of the MR and made consistent to the registered PD. Hence the comment is closed. 3. The inconsistency regarding the values of estimated net electricity generation in section 1.1 of the MR has been addressed, hence the comment is closed. 4. PP has revised the section 1.5 of the MR and made it in line with the registered PD. Hence the comment is closed. 5. The inconsistencies regarding the template guidelines have been addressed in the section 1.2 of the MR. Hence is comment is closed. 6. The information regarding the SDGs achieved from the start of the crediting period has been updated as per the template guidelines in section 1.12 of the MR and found to be satisfactory. Since all the comments have been addressed. The CAR#01 stands closed.				

CAR ID	02	Section no.	4.2	Date : 07/03/2024
Description of CAR				
In section 5.1 of the VCS PDD, potentially negative indicators have been identified for the project. PP is requested to add the potentially negative indicators in section 2.2 of the VCS MR and provide mitigation or preventative measures taken against them as per the template guidelines.				
Project participant response				Date : 21/03/2024
The identified risks were mainly due to the construction phase of the project, and these were verified during the first verification, as mentioned in the PDD. The only remaining risk identified for stakeholders is regarding wastewater discharge and this is already being monitored. This parameter is now added to the table. The other risk regarding biodiversity is also being monitored and is mentioned under Section 2.4.				
Documentation provided by project participant				
VCS-Monitoring-Report-Üçpınar_AO_v2_TC.docx				
DOE assessment				Date: 22/03/2024
The necessary explanation regarding the risk identified has now been updated in section 2.2. Most of the risks identified are related to the construction phase. It has been verified during the on-site visit that there was no construction activity ongoing in the power plant and is fully operational. Hence, the justification provided by the PP is found to be appropriate. The risks related to the wastewater has now been added under the section 2.2 of the MR. It is evident during the site visit that the waste generated (hazardous and non-hazardous waste) has been stored separately as per the category of the waste. The details regarding the wastewater discharge have been verified by the invoices and disposal license of the companies provided by the PP. The PP has also provided a written declaration regarding the impact on aerial species. Since the explanation is found to be satisfactory Thus, CAR#02 is closed.				

CAR ID	03	Section no.	ER sheet	Date : 07/03/2024
Description of CAR				
The following observation is made in ER sheet: 1. In the table “ÜÇPINAR WPP EMISSION REDUCTION AMOUNT (01/06/2022-31/12/2023)” the value of electricity supplied to the grid Group 2 (MWh) for the month December 2023 (Cell D23) is not consistent with EPIAS Records. PP is requested to clarify the inconsistency. 2. In the table “TEIAS” the value of electricity supplied to the grid Group 1 (MWh) for the month June 2023 (Cell C42) is not consistent with TEIAS Records. PP is requested to clarify the inconsistency.				
Project participant response				Date : 21/03/2024
1. The error is corrected in line with EPIAS records. 2. The error is corrected in line with TEIAS records.				
Documentation provided by project participant				

Üçpıbar_WPP_ER_v2_AO.xlsx, VCS-Monitoring-Report-Uçpınar_AO_v2_TC.docx	
DOE assessment	Date: 22/03/2024
1. The revised ER sheet has been reviewed and the value of electricity supplied to the grid Group 2 (MWh) for the month December 2023 has been revised and is now found to be consistent with the EPIAS records. 2. The revised ER sheet has been reviewed and the value of electricity supplied to the grid Group 1 (MWh) for the month of June 2023 has been revised and is now found to be consistent with the TEIAS records. Since the addressing is satisfactory, CAR#03 is closed.	

CAR ID	04	Section no.	4.4	Date : 18/03/2024
Description of CAR				
During the site visit, it has been observed that as per the TEIAS regulation, regular testing of the meters is conducted every 2 years. However, no details for the same have been provided in Section 4.2 parameter 'EG_{m,y}' of the MR. PP is requested to revise the section accordingly. Also, PP is requested to update Table 6 under Section 3.1 and provide the latest meter testing certificates.				
Project participant response				Date : 21/03/2024
Necessary details are added in the monitoring table. The most recent test details are provided under Table 6.				
Documentation provided by project participant				
DOE assessment				Date: 22/03/2024
VVB has assessed the provided documents and confirmed through the latest meter testing date in the monitoring report as well as test protocols of meter are found to be consistent that is 02/06/2023. Thus, CAR#04 is closed.				