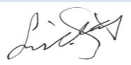


KINIK WIND POWER PLANT PROJECT 1ST VERIFICATION REPORT



Report Prepared By: Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti.

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Work Carried Out By	Verification Team Leader	Verification Team Members
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Summary:

The installed capacity of the project is 50 MWe and the project has 16 turbines with unit capacity of 3 MWe and 1 turbine with unit capacity of 2 MWe. The turbine model is Siemens SWT-3.2-108 with the rotor diameter of 108 meter and has three blades. The project activity reduces greenhouse gas (GHG) emissions that would have otherwise occurred in the absence of the project activity by avoiding electricity generation from fossil fuel sources.

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 03 dated 05/12/2017.

The project activity and the monitoring report are assessed against the requirements of the Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, ACM0002 "Grid-connected electricity generation from renewable sources" version 17.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, according to the guidance given in the CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 3.7.

The only purpose of the verification and certification is its usage during the issuance process as part of the VCS project cycle.

During this verification 21 Corrective Action Requests (CARs) and 5 Clarification Requests (CLs) were raised all of which were resolved by either revising the Monitoring Report or by sending objective evidence to the verification team.

Re Carbon Ltd. hereby confirms that the level of assurance of this verification report is reasonable, with respect to material errors, omissions and misrepresentations. To guarantee this level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

Re Carbon Ltd. also confirms the following based on the results of document review and on-site assessment for the period between 05 December 2016 and 28 February 2019:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2016	7,605	0	0	7,605
2017	83,198	0	0	83,198
2018	90,495	0	0	90,495
2019	17,090	0	0	17,090
Total	198,388	0	0	198,388

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1 INTRODUCTION

1.1 Objective

Re Carbon Ltd. has been appointed by “Esinti Enerji Üretim Ticaret ve Sanayi A.Ş.” to perform the first verification of the “Kınık Wind Power Plant Project” with the contract dated 15/02/2019. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 04 dated 11/04/2019 conforms with the requirements of the monitoring plan of the registered Project Description (PD) and the approved methodology
- if the project activity conforms with the monitoring report and the registered PD, and
- if the data reported in the monitoring report are complete and transparent.

1.2 Scope and Criteria

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 03 dated 05/12/2017.

The project activity and the monitoring report are assessed against the requirements of the Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, ACM0002 “Grid-connected electricity generation from renewable sources” version 17.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, according to the guidance given in the according to the guidance given in the CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 3.7.

The only purpose of the verification and certification is its usage during the issuance process as part of the VCS project cycle. Therefore, Re Carbon Ltd. can't be held liable by any party for decisions made or not made based on the verification and certification opinion, which will go beyond that purpose.

1.3 Level of Assurance

Re Carbon Ltd. hereby confirms that the level of assurance of this verification report is reasonable, with respect to material errors, omissions and misrepresentations. To guarantee this level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

1.4 Summary Description of the Project

Kınık Wind Power Plant have been located in Kınık district of İzmir province in Turkey and developed by Esinti Enerji Üretim Tic. ve San. A.Ş. The project has 17 Siemens SWT-3.2-108 wind turbines of which 16 of them with a unit capacity of 3 MWe each and one wind turbine with a unit capacity of 2 MWe. The project has a total installed capacity of 54,4 MWm / 50 MWe and the project also supports the sustainable economic development in the region.

The key parameters about the technical design of the selected model Siemens SWT-3.2-108 are listed below in Table-1:

Table 1: Technical specifications of Siemens SWT-3.2-108 turbines

Specifications	Siemens SWT-3.2-108
Rated Power (MWm)	3.2
Rotor Diameter (m)	108
Num. of Blades	3
Reference Wind Speed (m/s)	42.5

The start date of the project activity is 05/12/2016 which the commissioning date of first 16 turbines and the first crediting period shall last from 5th of December 2016 until 4th of December 2026 with two times renewable crediting period of 10 years.

2 VERIFICATION PROCESS

2.1 Method and Criteria

Re Carbon Ltd. has been appointed by “Esinti Enerji Üretim Ticaret ve Sanayi A.Ş.” to perform the first verification of the “Kınık Wind Power Plant Project” with the contract dated 15/02/2019. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 04 dated 11/04/2019 conforms with the requirements of the monitoring plan of the registered PD and the approved methodology
- if the project activity conforms with the monitoring report and the registered PD, and
- if the data reported in the monitoring report are complete and transparent.

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 03 dated 05/12/2017.

The project activity and the monitoring report are assessed against the requirements of the Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, ACM0002 “Grid-connected electricity generation from renewable sources” version 17.0, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other related rules, according to the guidance given in the according to the guidance given in the CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 3.7.

The only purpose of the verification and certification is its usage during the issuance process as part of the VCS project cycle. Therefore, Re Carbon Ltd. can’t be held liable by any party for decisions made or not made based on the verification and certification opinion, which will go beyond that purpose.

2.2 Document Review

The basis for the verification activity is the monitoring report version 01 dated 04/03/2019 which was submitted to the verification team on the same date. This monitoring report was revised several times due to the issued CARs and CLs, version 04 dated 11/04/2019 being the final version. The monitoring report and the monitoring activities were assessed against the registered PD version 03 dated 05/12/2017, ACM0002 “Grid-connected electricity generation from renewable sources” version 17.0, the relevant CDM and VCS rules and regulations including CDM Validation and Verification Standard version 02.0, CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0, VCS

version 3.7. and the final validation report of Bureau Veritas Certification Holding SAS version 02 dated 21/12/2017.

The following actions were involved in the desk review:

- A review of the data and information presented to verify their completeness
- A review of the monitoring plan and monitoring methodology, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures
- 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

The list of the documents which were reviewed during the validation period is given in the Table 2-1 below:

Table 2-1: List of documents reviewed

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D01	Registered PD of Kınık Wind Power Plant	03	05/12/2017
D02	Final Validation Report of Kınık Wind Power Plant	02	21/12/2017
D03	ACM002: Grid-Connected Electricity Generation From Renewable Sources	17.0	-
D04	Verification Service Agreement	-	15/02/2019
D05	Monitoring Report	01	04/03/2019
D06	Monitoring Report	02	26/03/2019
D07	Monitoring Report	03	08/04/2019
D08	ER Calculation Excel Sheet	01	04/03/2019
D09	ER Calculation Excel Sheet	02	26/03/2019
D10	ER Calculation Excel Sheet	03	08/04/2019
D11	CDM Validation and Verification Standard For Project Activities	2.0	29/11/2018
D12	CDM Project Standard For Project Activities	2.0	29/11/2018
D13	CDM Project Cycle Procedure For Project Activities	2.0	29/11/2018
D14	VCS Standard	3.7	-
D15	VCS Program Guide	3.7	-
D17	EIA Records	-	15/02/2012
D18	Electricity Generation Licence	-	12/09/2017 23/11/2017
D19	TEIAS Monthly Reading Protocols	-	12/2016- 02/2019
D20	EPIAS Screenshots		12/2016- 02/2019

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D21	Meters Initial Calibration Records	-	29/06/2016
D22	Meters Test Reports	-	06/12/2016 12/11/2017 25/11/2018
D23	Kınık Wind Power Plant Site Delivery Protocol	-	13/11/2015
D24	Letter by the Kodukburun and Mustaklar Village Heads (Mukhtars) (About the Contact Details of PP Relevant Staff In case of Any Complaint)	-	26/03/2019
D25	Letter by the PP (About Double Counting)	-	21/03/2019
D26	Letter by the PP (About Receipt of No Complaint by the Local Stakeholders)	-	26/03/2019
D27	Bird Monitoring Ornithology Report	-	18/06/2018
D28	Provisional Acceptance Protocols	-	05/12/2016 10/05/2018
D29	Social Security Records for PP Site Employees	-	-
D30	Training Records and Certificates	-	17/04/2015 14/10/2016 23/03/2017 06/10/2017 24/12/2018
D31	Wastewater Transfer and Disposal Records	-	31/01/2019 18/02/2019
D32	Monitoring Report	04	11/04/2019
D33	Site Visit Photos	-	14/03/2019

2.3 Interviews

During the verification period follow-up interviews were realized by the verification team to further analyze the correctness and accurateness of the information provided.

The list of people who were interviewed during the validation site visit is given in the Table 2-2 below:

Table 2-2: List of persons interviewed

Reference Number	Means of Interview ¹	Full Name	Title	Organization
I01	SV	Cengiz Sarıkaya	Project Manager	Esinti Enerji Üretim Ticaret ve Sanayi A.Ş.
I02	SV	Bülent Yaren	Plant Manager	Esinti Enerji Üretim Ticaret ve Sanayi A.Ş.
I03	SV	Engin Aydın	Security Staff (Local)	Esinti Enerji Üretim Ticaret ve Sanayi A.Ş.
I04	SV	Mehmet Emin Yılmaz	Kitchen Staff (Local)	Esinti Enerji Üretim Ticaret ve Sanayi A.Ş.
I05	SV	Kerem Akdemir	Consultant	Life Enerji Ltd.
I06	SV	İklim Şahin	Consultant	Life Enerji Ltd.
I07	SV	Mustafa Aydın	Mukhtar (Village Head)	Kodukburun Village
I08	SV	Hatice Aydın	Villager	Kodukburun Village
I09	SV	Hacer Kır	Villager	Kodukburun Village
I10	SV	Gülten Aydın	Villager	Kodukburun Village
I11	SV	Semra Aydın	Villager	Kodukburun Village
I12	SV	Şevket Gül	Villager	Poyracık Village
I13	SV	Hüseyin Değirmenci	Villager	Poyracık Village

2.4 Site Inspections

As a part of the verification activities a site visit was performed to the project activity site, details of which can be seen in the Table 2-3 below:

¹ SV: Site visit; T: Telephone; E: E-mail

Table 2-3: Site visit details

Points Verified	Source of Information
Implementation and operation of the proposed VCS project activity as per the registered PD	Document review, site visit and interviews
Review of information flows for generating, aggregating and reporting the monitoring parameters	Document review, site visit and interviews
Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the PD	Interviews
Cross-check between information provided in the monitoring report and data from other sources such as plant log books, inventories, purchase records or similar data sources	Document review and site visit
Check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PD and the selected methodology	Document review, site visit and interviews
Review of calculations and assumptions made in determining the GHG data and emission reductions	Document review
Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters	Document review and interviews

2.5 Resolution of Findings

The verification of this VCS project activity includes the following steps:

- Assessment of the conformity of the actual project activity and its operation with the registered PD version 03 dated 05/12/2017.
- Assessment of the compliance of the monitoring plan with the relevant methodology ACM0002 "Grid-connected electricity generation from renewable sources" version 17.0
- Assessment of the compliance of monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reductions
- Issuance of the verification report
- Independent technical review
- Approval of the verification report and request of issuance

The Verification Protocol is used for the assessment of each requirement during the execution of verification activities and is given in Annex-1 of this verification report.

The Verification Protocol consists of two tables:

- Table 1 (Monitoring Report and VCS verification requirements) and
- Table 2 (Resolution of Corrective Action, Forward Action and Clarification Requests)

The usage description of Table-1 in Verification Protocol is explained in Table 2-4 below:

Table 2-4: Explanation about Table-1 in Verification Protocol

Question	Reference	MoV*	Findings, comments, references and document sources	Draft & Final Conclusion
The requirements related with the monitoring report and verification	Gives reference to the legislation or documents where the relevant requirement is found	Explains how conformance with question is investigated. Examples of means of verification are Document Review (DR), Interview (I) and Not Applicable (NA)	Is used to elaborate and discuss the question and/or conformance to the question by giving related references and document sources based on which the finding is issued or evidence is checked	Either acceptable based on the evidence provided (OK), non-compliance with the requirement (CAR), further clarification (CL) due to insufficient, unclear or not transparent information, forward action request (FAR) that needs to be solved during the next periodic verification

The usage description of Table-2 in Verification Protocol is explained in Table 2-5 below:

Table 2-5: Explanation about Table-2 in Verification Protocol

Draft Report Clarifications, Forward Action and Corrective Action Requests by Verification Team	Ref. to Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
The all CL, FAR and CARs determined during the draft verification report should be listed here	Gives reference to the checklist questions in Table-1 of Verification Protocol	Is used to summarize the responses by project participants regarding the non-conformities	Is used to summarize the responses by verification and their conclusions

The Verification Protocol is fulfilled by the verification team in line with the descriptions above and all the CARs, CLs and FARs are listed in a transparent and clear manner.

During the verification period, a Verification Protocol which is attached in Annex 1 to this verification report was used to submit the findings to the project participants.

In line with Re Carbon Ltd. internal terminology and VCS version 3.7, the team reports the non-conformities in the forms of Corrective Action Requests (CARs), Clarification Requests (CLs) and Forward Action Requests (FARs). When and for which type of non-conformities CARs, CLs and FARs are issued are explained below:

- The verification team raises a CAR if one of the following occurs:
 - Non-conformities with the monitoring plan or methodology are found in the monitoring and reporting, or if the evidence provided to prove conformity is insufficient;
 - Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impair the estimate of emission reductions;
 - Issues identified in a FAR during validation to be verified during verification have not been resolved by the project participants.
- The verification team raises a CL if information is insufficient or not transparent not clear enough to determine whether the applicable CDM and/or VCS requirements have been met.
- The verification team raises a FAR during verification for actions if the monitoring and reporting require attention and/or adjustment for the next verification period.

According to these principles total of 21 CARs and 5 CLs were issued all of which are listed in the Verification Protocol. There hasn't been any FARs issued during the verification.

The appointment process of the verification team takes into account the technical area(s), sectoral scope(s), and relevant host country experience required amongst team members for the verification of the emission reductions achieved by the project activity in the relevant monitoring period for this verification. The relevant VCS verification and previous ITR experiences are also assessed during the selection of the team members and Independent Technical Reviewer (ITR), respectively. The verification team and ITR are assigned to this verification activity on 25/12/2018 taking all the above factors into consideration and as a result of the contract review process.

The verification team and ITR details are given in Table 2-6 below:

Table 2-6: Verification team and ITR details

Name	Role	Host Country Experience	Scope Coverage	Technical Expertise	Involvement*
Anıl Söyler	Team Leader	☒	☒	☒	A, SV, DR, R
Sukanta Das	ITR	☒	☒	☒	ITR

* Explanations for the abbreviations used for involvement types are as follows:

- A : Administrative
- DR : Desk Review
- SV : Site Visit
- R : Reporting
- ITR : Independent Technical Review

As a final step of verification, the final documentation including the verification report and its annexes have to undergo an internal quality control by Re Carbon. This quality control is also referred to as Independent Technical Review process.

The Independent Technical Review is performed by another Team Leader who hasn't involved in the verification activities of this project activity. When the Team Leader finalizes the Verification Report, the report is sent to Independent Technical Reviewer, at this stage not only the report but all the supporting documents like emission factor calculations and relevant excel sheets etc. are reviewed.

Further CLs and CARs can be issued by the Independent Technical Reviewer during this review, to cover all the points that may need further clarification.

After all the CLs and CARs are closed, the verification report is reviewed and approved by the Team Leader, ITR and the Certification Manager/General Manager, and the request of issuance is submitted to the VCS Organization in line with the positive verification opinion and along with the all relevant documents.

2.5.1 Forward Action Requests

The verification team raises a FAR during verification for actions if the monitoring and reporting require attention and/or adjustment for the next verification period as explained in Section 2.5.

According to these principles, no FARs were issued during the verification.

2.6 Eligibility for Validation Activities

Re Carbon Ltd. holds accreditation for the validation and verification activities in scope 1: "Energy Industry – Renewable/Non-renewable Sources" in which the project activity falls into.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project does not participate under other GHG Programs and this is also confirmed by the PP through the signed and sealed letter dated as 21/03/2019.

3.2 Methodology Deviations

N/A

3.3 Project Description Deviations

There is one deviation regarding the location of T-2 turbine comparing with the registered project due to the request by the relevant public officials (since the former planned location was close to forest fire watchtower in line with the information by the PP) and the actual location of T-2 has been verified through the generation licence document dated as 12/09/2017 and verification the site visit.

There is also following deviation regarding the monitoring period and the monitoring plan is revised:

- The source of the parameter “Quantity of net electricity generation supplied by the Project plant/unit to the grid in year *y*” was given as “OSOS Forms” in the registered VCS PD. However, since the invoicing is based on the EPIAS records, the source of the parameter is defined as EPIAS records which include the exact electricity productions and tractions.
- The source for the cross-check of the amount of produced electricity is also revised as “OSOS Forms” which are prepared by TEIAS after the remote measurements of the meters and sent to the PP at the end of each month.

The deviations described above meets the criteria and specifications for permitted methodology deviations as it relates only to the procedures relating to monitoring and measurement and does not negatively impact the conservativeness of the quantification of GHG emission reductions.

The above mentioned deviations don't impact applicability of the methodology either as it is only relevant with one turbine location and the source of data.

The additionality of the project activity hasn't been affected by the deviations as the installed capacity is given correctly in other sections of the validated PD.

The deviations don't affect the appropriateness of the baseline scenario as it remains the same and is in line with the methodology.

As a result, the deviations are appropriately described and justified and the project remains in compliance with the relevant VCS rules.

3.4 Grouped Project

The project is not a grouped project.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

Compliance of the Project Implementation with the Registered PD:

As a result of the verification site visit, Re Carbon Ltd. hereby confirms that the project is fully implemented according to the description given in the registered PD.

It can be confirmed through the visual inspection that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PD. Electricity meters were also seen on-site. The project activity is completely operational and the same has been confirmed on-site.

According to the registered PD, the estimated annual emission reduction is 90,271 tCO₂e and corresponding total estimated amount for the monitoring period is 201,811 tCO₂e. The actual values achieved for the current monitoring period is 198,388 tCO₂e. The actual amount of emission reduction for the current monitoring period is 1.73% less than the estimated emission reduction amount. However, the difference is not large enough to be considered as a deviation from estimated data, as it is within the range of calculated combined energy production uncertainty for turbines and the high uncertainty is attributed to the models used for wind speed estimation).

The difference between the values of the data presented in the MR and the stated data in the registered PDD is not significant. The difference in the values does not lead to a substantial increment of the ER in this period in relation to the estimates in the registered PDD.

The project was commissioned on 05/12/2016 which was verified by the provisional acceptance protocol. The project activity does not consist of more than one site and does not have any phased implementation.

The GHG emission reductions generated by the project are not included in an emission trading program or any other mechanism that includes GHG allowance trading, because of the position of the host country.

The project activity has not received any other form of environmental credits, as there are no such crediting schemes in the host country.

The only other eligible GHG program in the host country is Gold Standard, and the project is not listed in the Gold Standard Registry, hence Re Carbon Ltd. confirms that the project has not participated or been rejected under any other GHG programs since validation.

Remaining Issues from Validation or Previous Verifications

There is one Forward Action Request (FAR) from the validation as in below: "During validation site visit T-2 turbine was not installed and constructed. During verification T-2 actual location should be check by the DOE."

Based on that FAR, the actual location of T-2 turbine has been verified through the generation licence document dated as 12/09/2017 and verification the site visit. Hence, this FAR has been closed as detailed in the CL-4 of the Annex-1.

Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM 0002 version 17.0, applied by the project activity.

In line with the methodology, the only information to be monitored is the amount of net electricity delivered to the grid by the project activity. The quantity of net electricity delivered to the grid has been calculated with the EPIAS (the financial settlement centre of TEIAS) records provided to the PP by TEIAS. All readings and billings are done via EPIAS system which is the legal database of the Ministry. During this verification, all EPIAS and OSOS records have been reviewed by the verification team. The project mainly uses its own electricity however during the times when there is no generation, the project imports electricity from the grid.

There are also internal reviews of the metered data which is checked by different parties. SCADA system is available from which daily reports are taken and the data collected daily is saved in plant manager computer and backed up.

All data collected as part of monitoring will be archived electronically by the project owner and be kept at least for 2 years after the end of the last crediting period.

CAR-19, CAR-20 and CL-2 were issued regarding the monitoring and they had been closed as detailed in Annex-1.

Compliance with the Calibration Frequency Requirements for Measuring Instruments:

The net electricity is measured continuously by one main electricity meter at the grid interface and recorded monthly. There is also one back up electricity meter.

The calibrated electricity meters were installed as per the regulations and the initial calibration of the electricity meters was done on 29/06/2016 and the initial on-site test was handled on 06/12/2016. Although, re-calibration is required after ten years, nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS (grid company) responsible are informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the meters. Last two meter tests for the meters were performed on 12/11/2017 and 25/11/2018, respectively.

The serial numbers of the main and back up meters (both are Itron SL761 model and accuracy class is 0.2s) are 73055353 and 73055354, respectively and these have been verified during the site visit. Both these meters are bi-directional (meter the energy in two directions – generation and consumption).

All documents regarding meter quality and approvals/acceptance have been presented for the first verification.

CL-3 was issued regarding the calibration and it had been closed as detailed in Annex-1.

4.2 Accuracy of GHG Emission Reduction or Removal Calculations

EPIAS records are presented for all months of the monitoring period. All data in emission reductions table are checked with EPIAS records as the main source and crosschecked with OSOS form records. The net electricity generated during the current monitoring period was as follows in Table 4-1 below:

Table 4-1: Net electricity generation

Period	Amount	Compliance check
05/12/2016 – 31/12/2016	Export to Grid: 13,925.17 MWh Import from Grid: 23.55 MWh Net electricity supplied to grid: 13,901.62 MWh	Monthly EPIAS records
01/01/2017 – 31/12/2017	Export to Grid: 152,695.42 MWh Import from Grid: 616.55 MWh	Monthly EPIAS records

Period	Amount	Compliance check
	Net electricity supplied to grid: 152,078.87 MWh	
01/01/2018 – 31/12/2018	Export to Grid: 166,068.56 MWh Import from Grid: 647.86 MWh Net electricity supplied to grid: 165,420.70 MWh	Monthly EPIAS records
01/01/2019 – 28/02/2019	Export to Grid: 31,321.54 MWh Import from Grid: 83.13 MWh Net electricity supplied to grid: 31,238.41 MWh	Monthly EPIAS records

It has been confirmed that the data used for emission reductions are correct. The grid emission factor taken is 0.5471 tCO₂/MWh and the value is same as fixed ex-ante in the registered PD.

It is also confirmed that the methods and formulae used for calculating baseline emissions are in line with the relevant methodology and the registered PD. The net electricity generation is multiplied with the grid emission factor to arrive at the emission reductions value.

Emission factor and data and parameters available before validation are also applied in line with the registered PD and baseline excel sheet for validation.

According to the registered PD, the estimated emission reduction for this monitoring period would be 201,811 tCO₂e corresponding to the monitoring period. However, the project in operation totally reached 198,388 tCO₂e in this period.

The vintage break-up of the emission reductions during the current monitoring period was as follows in Table 4-2 below:

Table 4-2: Emission reductions

Period	Emission reductions (tCO ₂ e)
05/12/2016 – 31/12/2016	7,605
01/01/2017 – 31/12/2017	83,198
01/01/2018 – 31/12/2018	90,495
01/01/2019 – 28/02/2019	17,090

Calculations have been reproduced by DOE and the source data (EPIAS records) are presented by PP as explained above.

CAR-21 was issued regarding the emission reduction calculations and the data used for these calculations and it had been closed as detailed in Annex-1. Re Carbon Ltd. hereby confirms that the above mentioned generation figures and GHG emission reduction calculations are quantified correctly and are in accordance with the monitoring methodology ACM0002 version 17.0 and the monitoring plan given in the registered PD.

4.3 Quality of Evidence to Determine GHG Emission Reductions or Removals

The only parameter that needs to be closely verified is the net electricity generation and this value is taken from the EPIAS records. EPIAS records are the basis for billing and these records for each month has been submitted to and reviewed. They are recorded and saved automatically by the relevant government authority and there is no base for any option of material information.

Level of materiality is ensured by application of “Guideline on the Application of Materiality in Verifications version 02”. To guarantee this level of assurance, all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

As a cross check means, OSOS records which include the hourly generation figures of the plant for every month have been reviewed by the verification team.

Re Carbon Ltd. hereby confirms that the evidence used to determine the GHG emission reductions are sufficient in quantity and appropriate in quality.

4.4 Non-Permanence Risk Analysis

N/A.

5 SAFEGUARDS

5.1 No Net Harm

There hadn't been any observed significant environmental impact of the project activity as indicated in the registered PD and this was also confirmed through the site visit. The EIA not required decision dated as 15/02/2012 by the Provincial Directorate of Environment and Urbanization was also provided by the PP.

5.2 Local Stakeholder Consultation

There hadn't been any complaint raised by the interviewed local stakeholders during the verification site visit as detailed in Section 2.3.

The local stakeholders as stated in the Table 2-2 above were interviewed about the following issues and there hadn't been any complaint by the interviewed local stakeholders during the site visit:

- Noise due to the project activity
- Sufficiency of local employment (The interviewed local stakeholders were pleased about the provided local employment opportunities by the PP)
- Waste management practices implemented by PP

It was also concluded that the grievance mechanism is in place and this was also confirmed by the interviewed local stakeholders during the site visit. The document showing the contact details of the relevant person within PP with the signature of Kodukburun and Mustaklar Villages Mukhtars (Village Heads) was also provided to DOE.

6 VERIFICATION CONCLUSION

Re Carbon Ltd. has performed the initial verification of VCS “Kınık Wind Power Plant” which is a project with the registry reference number “1732” for the period between 05 December 2016 and 28 February 2019. The scope of the activities cover the verification and certification of GHG emissions reductions reported in monitoring report version 04 dated 11 April 2019.

Life İklim ve Enerji Ltd. is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project monitoring plan indicated in the final PD. The development and maintenance of the records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of both Life İklim ve Enerji Ltd. and the management of the project. The development and maintenance of the records and the related monitoring procedures are in accordance with the monitoring report version 04.

The verification has been performed by a verification team consisting of “Anıl Söyler as team leader and Sukanta Das as ITR” and the project activity was checked against the applicable rules and regulations of CDM including Section I of CDM Modalities and Procedures, the relevant guidance and decisions of the COP/MOP, CDM EB and VCS Organization, CDM Validation and Verification Standard version 02.0 CDM Project Standard version 02.0, CDM Project Cycle Procedure version 02.0 and VCS version 3.7.

Re Carbon Ltd. hereby confirms that the project activity “Kınık Wind Power Plant” in Turkey, is implemented in accordance with the validated and registered PD version 03 dated 05/12/2017. The monitoring system is in place and the emission reductions are calculated without material misstatements as per the applied approved methodology, which is ACM0002 version 17.0.

Re Carbon Ltd. confirms the following based on the results of document review and on-site assessment for the period between 05 December 2016 and 28 February 2019:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2016	7,605	0	0	7,605
2017	83,198	0	0	83,198
2018	90,495	0	0	90,495
2019	17,090	0	0	17,090
Total	198,388	0	0	198,388

Anıl SÖYLER
Team Leader
11/04/2019

Sukanta DAS
ITR
11/04/2019

Anıl SÖYLER
Certification Manager
11/04/2019

ANNEX 1: VERIFICATION PROTOCOL

Table 1 – VCS Monitoring Report (MR) Form Requirements

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
Cover Page and General Requirements					
1. Are all items in the box at the bottom of the cover page completed using Arial 10pt, black, regular (non-italic) font?	VCS Std. Version 3.7	DR	All items in the box at the bottom of the cover page have been completed using Arial 10pt, black, regular (non-italic) font.	OK	OK
2. Are the followings provided at the cover page in a tabular format?	VCS Std. Version 3.7	DR	Please see in below.	OK	OK
2.1. Name of the project?	VCS Std. Version 3.7	DR	This is available as Kınık Wind Power Plant.	OK	OK
2.2. Version number of the VCS MR?	VCS Std. Version 3.7	DR	This is available as version 01.	OK	OK
2.3. Report ID of the document	VCS Std. Version 3.7	DR	This is available as 1207 but please correct the font color and style for the report ID row of the document in the cover page of the MR.	CAR-1	OK
2.4. The issuance date of the document in DD-Month-YYYY format?	VCS Std. Version 3.7	DR	Please include the issuance date of the document in DD-Month-YYYY format in the cover page of the MR.	CAR-2	OK
2.5. VCS project database ID, if registered	VCS Std. Version 3.7	DR	This is available as 1732.	OK	OK
2.6. Monitoring period in DD-Month-YYYY to DD-Month-YYYY format	VCS Std. Version 3.7	DR	This is available as 05-12-2016 to 28-02-2019.	OK	OK
2.7. Individual or entity that prepared the document?	VCS Std. Version 3.7	DR	This is available as Life İklim ve Enerji Ltd. Şti.	OK	OK
2.8. Physical address, telephone, email, website?	VCS Std. Version 3.7	DR	Please include the website in the last row of the cover page of the MR.	CAR-3	OK
3. Is this box available on the title page of the final document?	VCS Std. Version 3.7	DR	This is available in the version 01 of the MR.	OK	OK
4. Is there "Table of Contents" in the VCS MR?	VCS Std. Version 3.7	DR	This is available.	OK	OK
5. Is the VCS MR used as a basis for verification prepared in accordance with the latest template and guidance from the VCS?	VCS Std. Version 3.7	DR	The currently available template has been used.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
6. Are the VCS MR and other documents required under the VCS Program in English?	VCS Std. Version 3.7	DR	MR and all other required documents are in English.	OK	OK
1. PROJECT DETAILS					
1.1. Summary Description of the Implementation Status of Project					
1.1.1. Has a brief summary of the project description provided under Section 1.1 of the MR?	VCS Std. Version 3.7 CDM-MR-FORM version 5.1	DR	The brief summary is available.	OK	OK
1.1.2. Has the purpose of the project activity and the measures taken to reduce greenhouse gas emissions been provided under section 1.1 of the MR?	VCS Std. Version 3.7 CDM-MR-FORM version 5.1	DR	The purpose of the project activity and the measures taken to reduce greenhouse gas emissions have been provided under Section 1.1 of the MR.	OK	OK
1.1.3. Has a brief description of the installed technology and equipment been provided under Section 1.1 of the MR?	VCS Std. Version 3.7 CDM-MR-FORM version 5.1	DR	The turbine types and their brief specifications are available under Section 1.1 of the MR.	OK	OK
1.1.4. Has the relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.) been provided under Section 1.1 of the MR?	VCS Std. Version 3.7 CDM-MR-FORM version 5.1	DR	Please indicate the construction start date in the Section 1.1 of the MR.	CAR-4	OK
1.1.5. Has the total emissions reductions achieved in this monitoring period been provided under Section 1.1 of the MR?	VCS Std. Version 3.7 CDM-MR-FORM version 5.1	DR	This is available under Section 1.1 of the MR.	OK	OK
1.2. Sectoral Scope and Project Type					

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.2.1. Is it indicated whether this a grouped project under Section 1.2 of the MR?	VCS Std. Version 3.7	DR	This has been indicated.	OK	OK
1.2.2. Is the sectoral scope(s) applicable to the project indicated?	VCS Std. Version 3.7	DR	This has been indicated as Scope 1: "Energy Industry – Renewable/Non-renewable Sources".	OK	OK
1.2.3. Is the category of the project activity specified?	VCS Std. Version 3.7	DR	N/A (Since this isn't an AFOLU project, the category is not applicable).	OK	OK
1.3. Project Proponent					
1.3.1. Are the contact information for the project proponent(s) provided in the tabular format?	VCS Std. Version 3.7	DR	This is available in the Section 1.3 of the MR.	OK	OK
1.4. Other Entities Involved in the Project					
1.4.1. Are the contact information and roles/responsibilities for any other entities involved in the development of the project provided?	VCS Std. Version 3.7	DR	This is available in the Section 1.4 of the MR.	OK	OK
1.5. Project Start Date					
1.5.1. Is the project start date (the date on which the project began reducing or removing GHG emissions) indicated in day, month and year format?	VCS Std. Version 3.7	DR	This is available as 05-12-2016.	OK	OK
1.6. Project Crediting Period					
1.6.1. Is the total crediting period including the day, month and year for the start and end dates and the total number of years indicated?	VCS Std. Version 3.7	DR	These are available in the Section 1.6 of the MR.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.7. Project Location					
1.7.1. Has complete information on the location of the project activity, including town, city, country and GPS coordinates been provided under Section 1.7 of the MR?	VCS Std. Version 3.7	DR	Please include the country information in the Section 1.7 of the MR.	CAR-5	OK
1.8. Title and Reference of Methodology					
1.8.1. Is the following information provided regarding the methodology(s) applied to the project?	VCS Std. Version 3.7	DR	Please see in below.	OK	OK
1.8.1.1. The title of the methodology(ies)	VCS Std. Version 3.7	DR	This is available.	OK	OK
1.8.1.2. The reference of the methodology(ies)	VCS Std. Version 3.7	DR	This is available.	OK	OK
1.8.1.3. The version number of the methodology(ies)	VCS Std. Version 3.7	DR	This is available.	OK	OK
1.8.2. Is the following information provided regarding the tool(s) applied to the project?	VCS Std. Version 3.7	DR	Please see in below.	OK	OK
1.8.2.1. The title of the tool(s)	VCS Std. Version 3.7	DR	The titles of the referred tools are available.	OK	OK
1.8.2.2. The version number of the tool(s)	VCS Std. Version 3.7	DR	Please correct the version number of the referred tools in line with the registered PD.	CAR-6	OK
		DR		OK	OK
1.9. Other Programs					
1.9.1. Does the project reduce GHG emissions from activities that are included in an emissions trading program; or take place in a jurisdiction or sector in which binding limits are established on GHG emissions?	VCS Std. Version 3.7	DR	Please see in below.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.9.2. If the project reduces GHG emissions from activities that are included in an emissions trading program; or takes place in a jurisdiction or sector in which binding limits are established on GHG emissions, have the PPs provided evidence on the following?	VCS Std. Version 3.7	DR	Please see in below.	OK	OK
1.9.2.1. the reductions or removals generated by the project have or will not be used in the emissions trading program	VCS Std. Version 3.7	DR	Please provide a signed and sealed letter on company letterhead that project doesn't reduce GHG emissions from activities that are included in an emissions trading program; or doesn't take place in a jurisdiction or sector in which binding limits are established on GHG emissions.	CAR-7	OK
1.9.2.2. for the purpose of demonstrating compliance with the binding limits that are in place in that jurisdiction or sector	VCS Std. Version 3.7	DR	Please see CAR-7.	CAR-7	OK
1.9.3. Have the project(s) created other forms of environmental credit (for example renewable energy certificates)?	VCS Std. Version 3.7	DR	Please provide a signed and sealed letter on company letterhead that project hasn't been created other forms of environmental credit (e.g. renewable energy certificates).	CAR-8	OK
1.9.4. If the project(s) created other forms of environmental credit (for example renewable energy certificates), has the PPs provided all relevant information about the GHG-related environmental credit and the related program?	VCS Std. Version 3.7	DR	Please see CAR-8.	CAR-8	OK
1.9.5. Have all other programs under which the project is eligible to participate (to create another form of GHG-related environmental credit) been listed?	VCS Std. Version 3.7	DR	Please see CAR-7 and CAR-8.	CAR-7 CAR-8	OK
1.9.6. Have the project(s) indicate whether the project has been registered, or is seeking registration under any other GHG programs?	VCS Std. Version 3.7	DR	Please provide a signed and sealed letter on company letterhead that the project hasn't been registered, or hasn't been seeking registration under any other GHG programs.	CAR-9	OK
1.9.7. If the project has been registered, or is seeking registration under any other GHG programs, have the PPs provided the registration number and details?	VCS Std. Version 3.7	DR	Please see CAR-9.	CAR-9	OK
1.10. Sustainable Development					

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.10.1. Has it been described how the project contributes to achieving any nationally stated sustainable development priorities, including any provisions for monitoring and reporting same?	VCS Std. Version 3.7	DR	These have been explained in the Section 1.10 of the MR.	OK	OK
2. IMPLEMENTATION STATUS					
2.1. Implementation Status of The Project Activity					
2.1.1. Has a description of the implementation and operational status of the project as of this monitoring period been provided under section 2.1 of the MR?	CDM-MR-FORM version 5.1	DR	The date of final licence amendment from EMRA hasn't been stated correctly in the Section 2.1 of the MR.	CAR-10	OK
2.1.2. Has the installed technology(ies), technical process and equipment, including the diagrams, where appropriate, been included in section 2.1 of the MR?	CDM-MR-FORM version 5.1	DR	This has been provided in the Section 1.1 of the MR.	OK	OK
2.1.3. Has the starting date of operation of the project activity been provided under Section 2.1 of the MR?	EB93 Report Annex 4 §257b	DR	The starting date of operation of the project activity has been provided.	OK	OK
2.1.4. If the project activity consists of more than one site, has the status of implementation and starting date of operation for each site been clearly described under Section 2.1 of the MR?	EB93 Report Annex 4 §257b	DR	N/A	OK	OK
2.1.5. If the implementation of the project activity planned to be realized in different phases, has the progress of the proposed VCS project activity achieved in each phase been indicated under Section 2.1 of the MR?	EB93 Report Annex 4 §257b	DR	N/A	OK	OK
2.1.6. Do the actual project activity and its operation comply with the registered PD and/or an approved revised PD??	EB93 Report Annex 5 §357a	DR	The actual project activity and its operation complies with the registered PD.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.1.7. Have the PPs implemented and operated the VCS project activity as per the descriptions contained in the registered PD?	EB93 Report Annex 5 §357a	DR	The actual project activity and its operation complies with the registered PD.	OK	OK
2.1.8. Has the installed technology(ies), technical process and equipment, including the diagrams, where appropriate, been included in Section 2.1 of the MR?	CDM-MR-FORM version 5.1	DR	This has been provided in the Section 1.1 of the MR.	OK	OK
2.1.9. Are there any other changes (e.g. to project proponent or other entities) with respect to the registered project?	VCS Std. Version 3.7	DR	Please include the changes with respect to other entities involved in the project comparing with the registered project in the Section 2.1 of the MR.	CAR-11	OK
2.2. Deviations					
2.2.1. Methodology Deviations					
2.2.1.1. Are there any deviations from the methodology?	VCS Std. Version 3.7	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
2.2.1.2. If there are any deviations from the methodology, are these deviations described properly?	VCS Std. Version 3.7	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
2.2.1.3. If there are any deviations from the methodology, are these deviations justified properly and clearly?	VCS Std. Version 3.7	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
2.2.2. Project Description Deviations					
2.2.2.1. Are there any deviations from the registered project description?		DR	N/A (There haven't been any deviations from the project description).	OK	OK
2.2.2.2. If there are any deviations from the project description, are these deviations described properly?	VCS Std. Version 3.7	DR	N/A (There haven't been any deviations from the project description).	OK	OK
2.2.2.3. If there are any deviations from the project description, are these deviations	VCS Std. Version 3.7	DR	N/A (There haven't been any deviations from the project	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
justified properly and clearly?			description).		
2.2.2.4. Is the outcome of the deviation from the project description provided?	VCS Std. Version 3.7	DR	N/A (There haven't been any deviations from the project description).	OK	OK
2.3. Grouped Projects					
2.3.1. Is this a grouped project?	VCS Std. Version 3.7	DR	N/A (The project isn't a grouped project).	OK	OK
2.3.2. If it is a grouped project, is the relevant information about new instances of the project activity(ies) provided?	VCS Std. Version 3.7	DR	N/A (The project isn't a grouped project).	OK	OK
2.3.3. If it is a grouped project, is it demonstrated clearly and transparently that each new instance of the project activity(s) meets the eligibility criteria set out in the project description?	VCS Std. Version 3.7	DR	N/A (The project isn't a grouped project).	OK	OK
2.4. Safeguards					
2.4.1. No Net Harm					
2.4.1.1. Has it been summarized by PPs any potential negative environmental and socio-economic impacts of the project activity and the steps taken to mitigate them?	VCS Std. Version 3.7	DR	Please provide the following records: -Waste oil transfer and disposal records (If there hasn't been any transfer during the monitoring period, then signed and sealed letter about no transfer on the company letterhead) -The noise assessment report, if any, -The ornithology report as stated in the registered PD -The social security records of PP site employees -The training records and certificates -EIA Report of the project activity -The signed document about the contact details of the PP relevant staff in case of any complaint by Kodukburun and Poyracik villages and whether there is any complaint received by the Muhktars from the local stakeholders	CL-1	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.4.2. Local Stakeholder Consultation					
2.4.2.1. Has the process regarding the local stakeholder consultation been described by PPs including the following?	VCS Std. Version 3.7	DR	Please see in below.	OK	OK
2.4.2.1.1. The procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought)	VCS Std. Version 3.7	DR	Please include procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought) prior to verification in the Section 2.4.2 of the MR.	CAR-12	OK
2.4.2.1.2. The procedures or methods used for documenting the outcomes of the local stakeholder communication	VCS Std. Version 3.7		Please include the procedures or methods used for documenting the outcomes of the local stakeholder communication prior to verification in the Section 2.4.2 of the MR.	CAR-13	OK
2.4.2.1.3. The mechanism for on-going communication with local stakeholders conducted prior to verification	VCS Std. Version 3.7		Please include the mechanism for on-going communication with local stakeholders conducted prior to verification in the Section 2.4.2 of the MR.	CAR-14	OK
2.4.2.1.4. How due account of all and any input received during ongoing communication has been taken	VCS Std. Version 3.7		Please include how due account of all and any input received during ongoing communication with local stakeholders has been taken into consideration in the Section 2.4.2 of the MR.	CAR-15	OK
2.4.2.1.5. The details on any updates to the project design or justifying why updates are not appropriate.	VCS Std. Version 3.7		Please include the details on any updates to the project design or justifying why updates are not appropriate according to the comments by the local stakeholders in the Section 2.4.2 of the MR.	CAR-16	OK
3. DATA AND PARAMETERS					
3.1. Data and Parameters Available at Validation					
3.1.1. Has all the data that is determined only once for the crediting period but are used after registration of the project, been listed under Section 3.1 using the tabular format?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	All data that is determined only once for the crediting period but are used after registration of the project, has been listed under Section 3.1 of the MR.	OK	OK
3.1.2. If all the data that is determined only once for the crediting period but are used after	CDM-MR-FORM	DR	All data that is determined only once for the crediting period but are used after registration of the project, has been listed under Section	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
registration of the project, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan?	version 5.1 VCS Std. Version 3.7		3.1 of the MR.		
3.1.3. In the data/parameter tables provided under Section 3.1 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	All data that is determined only once for the crediting period but are used after registration of the project are in line with the registered PD.	OK	OK
3.1.4. In the data/parameter tables provided under Section 3.1 of the MR, for each data has the unit of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	All data that is determined only once for the crediting period but are used after registration of the project are in line with the registered PD.	OK	OK
3.1.5. In the data/parameter tables provided under Section 3.1 of the MR, for each data has the description of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is in line with the registered PD.	OK	OK
3.1.6. In the data/parameter tables provided under Section 3.1 of the MR, for each data has the source of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is in line with the registered PD.	OK	OK
3.1.7. In the data/parameter tables provided under Section 3.1 of the MR, for each data has the values applied of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is in line with the registered PD.	OK	OK
3.1.8. In the data/parameter tables provided under Section 3.1 of the MR, for each data has it been indicated what the data/parameters are used for (baseline/project /leakage emission calculations)?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is in line with the registered PD.	OK	OK
3.2. Data and Parameters Monitored					
3.2.1. Has all the data that are monitored been listed	CDM-MR-	DR	EGfacility,y is the only monitored parameter in line with the	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
under Section 3.2 using the tabular format?	FORM version 5.1 VCS Std. Version 3.7		registered PD.		
3.2.2. In the data/parameter tables provided under section 3.2 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	EGfacility,y is the only monitored parameter in line with the registered PD.	OK	OK
3.2.3. In the data/parameter tables provided under section 3.2 of the MR, for each data has the unit of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	The unit is available as MWh/y.	OK	OK
3.2.4. In the data/parameter tables provided under section 3.2 of the MR, for each data has it been described how the data is monitored?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is stated but please correct the future tense in the "Description of measurement methods and procedures to be applied" row of the Section 3.2 of the MR.	CAR-17	OK
3.2.5. In the data/parameter tables provided under section 3.2 of the MR, for each data has the source of data been indicated (like logbooks, daily records, surveys, etc.)?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is in line with the registered PD.	OK	OK
3.2.6. In the data/parameter tables provided under section 3.2 of the MR, for each data has the estimated values of the monitoring parameter been indicated?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the MR.	OK	OK
3.2.7. In the data/parameter tables provided under section 3.2 of the MR, for each data has the QA/QC procedures being applied been given?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the PD but please clarify whether PMUM is still applicable.	CL-2	OK
3.2.8. In the data/parameter tables provided under section 3.2 of the MR, for each data has the purpose of data been given?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the MR.	OK	OK
3.2.9. If applicable, has the calculation method, including any equations, used to establish the	VCS Std. Version 3.7	DR	This is available in the Excel spreadsheet but please include the calculation method, including any equations, used to establish the	CAR-18	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
data/parameter been given?			relevant data/parameter as a separate row in the Section 3.2 of the MR.		
3.2.10. In the data/parameter tables provided under section 3.2 of the MR, for each data has it been indicated what types of equipment are used to monitor each parameter, including following, if applicable as per the monitoring plan?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR		OK	OK
3.2.10.1. Details on accuracy class	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR, SV	This is available as 0.2s and in line with the registered PD.	OK	OK
3.2.10.2. The person/entity responsible for the measurement	VCS Std. Version 3.7	DR	This is available and in line with the registered PD.	OK	OK
3.2.10.3. Any standards or protocols to be followed	VCS Std. Version 3.7	DR		OK	OK
3.2.10.4. Calibration frequency	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available as ten years.	OK	OK
3.2.10.5. Serial number	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR, SV	These are available as 73055353 for the main meter and 73055354 for the back-up meter.	OK	OK
3.2.10.6. Calibration date	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	The calibration dates of the electricity meters are available as 29/06/2016 but please provide the relevant evidence regarding this date.	CL-3	OK
3.2.10.7. Validity of the calibration	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available as ten years.	OK	OK
3.2.11. In the data/parameter tables provided under section 3.2 of the MR, for each data has the measurement and recording frequency	CDM-MR-FORM version 5.1	DR	This is available as continuous measurement and at least monthly recording.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
been indicated?	VCS Std. Version 3.7				
3.2.12. Is the calibration frequency for measuring equipment specified in the monitoring methodology, in the applied standardized baselines or in the monitoring plan??	EB93 Report Annex 5 §368 VCS Std. Version 3.7	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
3.2.13. If the calibration frequency for measuring equipment isn't specified in the monitoring methodology, guidance provided by the Board or the monitoring plan, are the equipment calibrated either in accordance with the specifications of the local/national standards, or as per the manufacturer's specification?	EB93 Report Annex 5 §373 VCS Std. Version 3.7	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
3.2.14. If neither local/national standards nor the manufacturer's specification are available, have the international standards been used?	EB93 Report Annex 5 §373 VCS Std. Version 3.7	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
3.2.15. Is the calibration of the measuring equipment that have an impact on the claimed emission reductions conducted by the PPs at a frequency specified in the applied monitoring methodology and/or the monitoring plan?	EB93 Report Annex 5 §374 VCS Std. Version 3.7	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
3.2.16. Has the calibration been delayed and has the calibration been implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period?	EB93 Report Annex 5 §369 VCS Std. Version 3.7	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
3.2.17. If the calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, are one of the following approaches adopted by the PPs for the calculation of emission reductions?	EB93 Report Annex 5 §369 VCS Std. Version 3.7	DR	N/A (The calibration of the meters is valid ten years).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.2.17.1. Applying the maximum permissible error of the instrument to the measured values taken during the period between the scheduled date of calibration and the actual date of calibration, if the results of the delayed calibration do not show any errors in the measuring equipment, or if the error is smaller than the maximum permissible error; or	EB93 Report Annex 5 §369a VCS Std. Version 3.7	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
3.2.17.2. Applying the error identified in the delayed calibration test, if the error is beyond the maximum permissible error of the measuring equipment.	EB93 Report Annex 5 §369b VCS Std. Version 3.7	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
3.2.18. If calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period, has the error been applied in following ways?	EB93 Report Annex 5 §370 VCS Std. Version 3.7	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
3.2.18.1. The adjusted measured values of the delayed calibration result in fewer claimed emission reductions?	EB93 Report Annex 5 §370a VCS Std. Version 3.7	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
3.2.18.2. For all measured values taken during the period between the scheduled date of calibration and the actual date of calibration?	EB93 Report Annex 5 §370b VCS Std. Version 3.7	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
3.2.19. If the results of the delayed calibration aren't available, have Pss calculated the emission reductions conservatively?	EB93 Report Annex 5 §371	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
3.2.20. If the results of the delayed calibration aren't available, have post registration requirements been followed by the PPs?	EB93 Report Annex 5	DR	N/A (The calibration of the meters is valid ten years).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.2.21. Have any information about appropriate emission factors, IPCC default values and any other reference values that have been used in the calculation of emission reductions been given in detail in the MR?	§372 CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	N/A	OK	OK
3.2.22. If the data that are monitored been listed under section 3.2 using the tabular format, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7 EB93 Report Annex 4 §260	DR	EGfacility,y is the only monitored parameter in line with the registered PD.	OK	OK
3.2.23. Is a complete set of data available for the specified monitoring period?	EB93 Report Annex 5 §376 VCS Std. Version 3.7	DR	EGfacility,y is the only monitored parameter in line with the registered PD.	OK	OK
3.3. Monitoring Plan					
3.3.1. Has a description of the monitoring system been provided under Section 3.3 of the MR?	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259 VCS Std. Version 3.7	DR	The details of the monitoring system is available and in line with the registered PD.	OK	OK
3.3.2. Has information about the data collection procedures, including following been provided under Section 3.3 of the MR?	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259	DR	Please see in below.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	VCS Std. Version 3.7				
3.3.2.1. Information flow including data generation	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259 VCS Std. Version 3.7	DR	The details of the data generation is available and in line with the registered PD.	OK	OK
3.3.2.2. Data aggregation	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259 VCS Std. Version 3.7	DR	The details of the data aggregation is available and in line with the registered PD.	OK	OK
3.3.2.3. Data recording	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259 VCS Std. Version 3.7	DR	The details of the data recording is available and in line with the registered PD.	OK	OK
3.3.2.4. Data calculation	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259 VCS Std. Version 3.7	DR	The details of the data calculation (net electricity generation) is available and in line with the registered PD.	OK	OK
3.3.2.5. Data reporting	CDM-MR-FORM version 5.1 EB93	DR	The details of the data reporting is available and in line with the registered PD.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	Report Annex 4 §259 VCS Std. Version 3.7				
3.3.3. Has organizational structure, roles and responsibilities of personnel, and emergency procedures for the monitoring system been provided under section 3.3 of the MR?	CDM-MR-FORM version 5.1 EB93 Report Annex 4 §259 VCS Std. Version 3.7	DR	Please include the brief information about the roles and responsibilities of each personnel (like project manager and technicians etc.) in the Section 3.3 of the MR.	CAR-19	OK
3.3.4. Regarding to the management and operational system, are the responsibilities and authorities for monitoring and reporting in accordance with the responsibilities and authorities stated in the monitoring plan?	EB93 Report Annex 5 §364b-(iv) VCS Std. Version 3.7	DR	Please see CAR-19.	CAR-19	OK
3.3.5. Have quality assurance and quality control procedures been applied in accordance with the monitoring plan?	EB93 Report Annex 5 §364e VCS Std. Version 3.7	DR	These are in line with the registered PD.	OK	OK
3.3.6. Are the procedures for handling internal auditing and non-conformities described?	VCS Std. Version 3.7	DR	Please include the procedures, if any, for handling internal auditing and non-conformities described in the Section 3.3 of the MR.	CAR-20	OK
3.3.7. Where appropriate, are the line diagrams to display the GHG data collection and management system included?	VCS Std. Version 3.7	DR	N/A (This is explained without any diagram).	OK	OK
3.3.8. If the sampling approaches used in the monitoring plan, has the following been included?	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.8.1. target precision levels	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.8.2. sample sizes	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.8.3. sample site locations	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.3.8.4. stratification	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.8.5. frequency of measurement and	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.8.6. QA/QC procedures	VCS Std. Version 3.7	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.8.7. Demonstration on whether the required confidence/precision has been met.	CDM-MR-FORM version 5.1	DR	N/A (The sampling approach hasn't been used).	OK	OK
3.3.9. Have the monitoring plan and the applied methodology been properly implemented and followed by the PPs?	EB93 Report Annex 5 §364a VCS Std. Version 3.7	DR	The monitoring system is available and in line with the registered PD.	OK	OK
3.3.10. Has the monitoring of parameters (baseline / project / leakage / emission reduction) in the project activity been implemented in accordance with the monitoring plan contained in the registered PD or any accepted revised monitoring plan?	EB93 Report Annex 5 §364b-(i)-(ii)-(iii) VCS Std. Version 3.7	DR	The monitoring system is available and in line with the registered PD.	OK	OK
3.3.11. Have all parameters stated in the monitoring plan, the applied methodology and relevant VCS requirements been sufficiently monitored and updated as applicable?	EB93 Report Annex 5 §364b VCS Std. Version 3.7	DR	The monitoring system is available and in line with the registered PD.	OK	OK
3.3.12. Are monitoring results consistently recorded and stored as per the approved frequency?	EB93 Report Annex 5 §364d VCS Std. Version 3.7	DR	The monitoring system is available and in line with the registered PD.	OK	OK
4. QUANTIFICATION of GHG EMISSION REDUCTIONS and REMOVALS					
4.1. Baseline Emissions					

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.1.1. Has all the formulae used to calculate the baseline emissions been provided under section 4.1 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	a) Please clarify why EPIAS values aren't included as the main source in the Excel spreadsheet calculation since they are utilized for the invoicing. b) The total and monthly ER values of 2016 don't compatible with each other in both Excel spreadsheet calculation and MR.	CAR-21	OK
4.1.2. Has sample calculations for all formulae used and calculation of baseline emissions or baseline net GHG removals by sinks, applying actual values been provided under section 4.1 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.1.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM version 5.1	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.1.4. Have any assumptions used in baseline emission calculations been justified?	EB93 Report Annex 5 §376d VCS Std. Version 3.7	DR	N/A (There haven't been any assumptions used).	OK	OK
4.1.5. If applicable, are the appropriate emission factors used for the baseline emission calculations in line with the good guidance practices? (e.g. IPCC default values and other reference values)	EB93 Report Annex 5 §376e VCS Std. Version 3.7	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
4.2. Project Emissions					
4.2.1. Has all the formulae used to calculate the project emissions been provided under section 4.2 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.2.2. Has sample calculations for all formulae used and calculation of project emissions or or actual net GHG removals by sinks, applying actual values been provided under section 4.2 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Excel spreadsheet calculation.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.3. Has all electronic spreadsheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM version 5.1	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.2.4. Have any assumptions used in project emission calculations been justified?	EB93 Report Annex 5 §376d VCS Std. Version 3.7	DR	N/A (There haven't been any assumptions used).	OK	OK
4.2.5. If applicable, are the appropriate emission factors used for the project emission calculations in line with the good guidance practices? (e.g. IPCC default values and other reference values)	EB93 Report Annex 5 §376e VCS Std. Version 3.7	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
4.3. Leakage					
4.3.1. Has all the formulae used to calculate the leakage emissions been provided under section 4.3 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.3.2. Has sample calculations for all formulae used and calculation of leakage emissions, applying actual values been provided under section 4.3 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.3.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM version 5.1	DR	This is available in the Excel spreadsheet calculation.	OK	OK
4.3.4. Have any assumptions used in leakage emission calculations been justified?	EB93 Report Annex 5 §376d VCS Std. Version 3.7	DR	N/A (There haven't been any assumptions used).	OK	OK
4.3.5. If applicable, are the appropriate emission factors used for the leakage emission calculations in line with the good guidance practices? (e.g. IPCC default values and other	EB93 Report Annex 5 §376e	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
reference values)	VCS Std. Version 3.7				
4.4. Net GHG Emission Reductions and Removals					
4.4.1. Have the total baseline emissions or baseline net GHG removals by sinks during the monitoring period been given under section 4.4 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Section 4.4 of the MR but please see CAR-21.	CAR-21	OK
4.4.2. Has the total project emissions or actual net GHG removals by sinks during the monitoring period been given under section 4.4 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Section 4.4 of the MR.	OK	OK
4.4.3. Has the total leakage emissions during the monitoring period been given under section 4.4 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Section 4.4 of the MR.	OK	OK
4.4.4. Have the total emission reductions or net anthropogenic GHG removals by sinks during the monitoring period been given under section 4.4 of the MR?	CDM-MR-FORM version 5.1 VCS Std. Version 3.7	DR	This is available in the Section 4.4 of the MR but please see CAR-21.	CAR-21	OK
4.4.5. If there is material information that can cause overestimation of emission reductions or removals of the project activity, is this equal to higher than one of the following?	EB93 Report Annex 5 §329	DR	There hasn't been any material information detected.	OK	OK
4.4.5.1. 0.5 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal of equal to or more than 500,000 tons of carbon dioxide equivalent per year?	EB93 Report Annex 5 §329a	DR	There hasn't been any material information detected.	OK	OK
4.4.5.2. 1 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal between 300,000 and 500,000 tons of carbon dioxide equivalent per year?	EB93 Report Annex 5 §329b	DR	There hasn't been any material information detected.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.4.5.3. 2 per cent of the emission reductions or removals for large-scale project activities achieving a total emission reduction or removal of 300,000 tons of carbon dioxide equivalent per year or less?	EB93 Report Annex 5 §329c	DR	There hasn't been any material information detected.	OK	OK
4.4.5.4. 10 per cent of the emission reductions or removals for the microscale project activities?	EB93 Report Annex 5 §329d	DR	There hasn't been any material information detected.	OK	OK
4.4.5.5. 5 per cent of the emission reductions or removals for small-scale project activities other than project activities covered under 4.4.6.4 above?	EB93 Report Annex 5 §329e	DR	There hasn't been any material information detected.	OK	OK
5. APPENDICES					
5.1. If any further background information regarding any raw data from monitoring is provided, is this information correct and supported by the appropriate evidence?	VCS Std. Version 3.7	DR	N/A (There haven't been any appendices in the MR.)	OK	OK
5.2. If any further background information regarding additional information used in the monitoring plan is provided, is this information correct and supported by the appropriate evidence?	VCS Std. Version 3.7	DR	N/A (There haven't been any appendices in the MR.)	OK	OK
5.3. If any further background information regarding documentation of activities conducted from the monitoring plan and diagrams are provided, is this information correct and supported by the appropriate evidence?	VCS Std. Version 3.7	DR	N/A (There haven't been any appendices in the MR.)	OK	OK
6. OTHER REQUIREMENTS					
6.1. Forward Action Requests (FARs) Identified During Validation and/or Previous Verification					
6.1.1. Is there any remaining FARs from the validation and/or previous verification activities?	EB93 Report Annex 5 §38 §349	DR	There is one FAR by the validation DOE from the validation process as in below: "During validation site visit T2 turbine was not installed and constructed. During verification T2 actual location should be check by the DOE." Therefore, please provide the relevant evidence regarding the actual location of T2 turbine.	CL-4	OK

*DR= Document Review, I= Interview, SV=Site Visit

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Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
6.1.2. If there any remaining FARs from the validation and/or previous verification activities, have the PPs addressed these FARs in the MR?	EB93 Report Annex 5 §38 §349	DR	Please see CL-4.	CL-4	OK
6.1.3. Has the FARs been resolved?	EB93 Report Annex 5 §38 §349 §347d	DR	Please see CL-4.	CL-4	OK

*DR= Document Review, I= Interview, SV=Site Visit

Table 2 – Resolution of Corrective Action, Forward Action and Clarification Requests

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
CAR-1 Please correct the font color and style for the report ID row of the document in the cover page of the MR.	2.3	In the cover page of the MR, report ID's font color and style are now corrected.	Review-1: Ok Closed (The revision has been completed).
CAR-2 Please include the issuance date of the document in DD-Month-YYYY format in the cover page of the MR.	2.4	Issuance date of the report is now corrected as DD-Month-YYYY format.	Review-1: Ok Closed (The revision has been completed).
CAR-3 Please include the website in the last row of the cover page of the MR.	2.8	Website is now added in the last row of the cover page.	Review-1: Ok Closed (The web site link has been included).
CAR-4 Please indicate the construction start date in the Section 1.1 of the MR.	1.1.4	Construction start date is now included in Section 1.1.	Review-1: Ok Closed (The construction start date has been included in the MR and the relevant evidence has been provided).
CAR-5 Please include the country information in the Section 1.7 of the MR.	1.7.1	Country information is now added to Section 1.7.	Review-1: Ok Closed (The host country has been included).
CAR-6 Please correct the version number of the referred tools in line with the registered PD.	1.8.2.2	All version numbers of the related tools are now in line with the registered VCS-PD.	Review-1: Ok Closed (The revision has been completed in line with the registered PDD).
CAR-7 Please provide a signed and sealed letter on company letterhead that project doesn't reduce GHG emissions from activities that are included in an emissions trading program; or doesn't take place in a jurisdiction or sector in which binding limits are established on GHG emissions.	1.9.2.1	Signed and sealed letter is now shared with the DOE.	Review-1: Ok Closed (The signed and sealed letter has been provided).
CAR-8 Please provide a signed and sealed letter on company letterhead that project hasn't been created other forms of environmental credit (e.g. renewable energy certificates).	1.9.3	Signed and sealed letter is now shared with the DOE.	Review-1: Ok Closed (The revision has been completed).

*DR= Document Review, I= Interview, SV=Site Visit

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R-E-C-024 / 24.07.2014 – 05

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
CAR-9 Please provide a signed and sealed letter on company letterhead that the project hasn't been registered, or hasn't been seeking registration under any other GHG programs.	1.9.6	Signed and sealed letter is now shared with the DOE.	Review-1: Ok Closed (The revision has been completed).
CAR-10 The date of final licence amendment from EMRA hasn't been stated correctly in the Section 2.1 of the MR.	2.1.1	Final licence amendment date from EMRA is now corrected accordingly in Section 2.1.	Review-1: Ok Closed (The date has been revised).
CAR-11 Please include the changes with respect to other entities involved in the project comparing with the registered project in the Section 2.1 of the MR.	2.1.9	Updates to the registered project description are elaborated in Section 2.2.2 (Project Description Deviations). Other than the change of the location of Turbine T2, there is no change occurred after the registered VCS-PD. Esinti is the developer and only owner of the Project. <u>Response (08.04.2019)</u> Registration of Kınık WPP was carried out by Rüzgar Danışmanlık. However, for the verification processes, Carbon Consultant of the project has changed as Life İklim ve Enerji Ltd. Şti.. Relevant information is now corrected in Section 1.4 and Section 2.1.	Review-1: Please include the changes comparing with the Section 1.4 of the registered PDD, like other entities involved in the project. Review-2: Ok Closed (The revision has been completed).
CAR-12 Please include procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought) prior to verification in the Section 2.4.2 of the MR.	2.4.2.1.1	Since site visit was conducted on 14 th of March 2019, Section 2.4.2. of the MR is now updated and elaborated. Procedures and methods for engaging locals are clearly defined.	Review-1: Ok Closed (The required information has been included in in the Section 2.4.2 of the MR.)
CAR-13 Please include the procedures or methods used for documenting the outcomes of the local stakeholder communication prior to verification in the Section 2.4.2 of the MR.	2.4.2.1.2	A site visit including the stakeholder engagement procedure was conducted at the Kınık Wind Power Plant administration building with the Kodukburun Village head (muhtar) and the local stakeholders on 14th of March 2019. There were not any negative feedbacks from the locals. Locals stated that they are happy with the project since Kınık WPP and its security officers made the region more secure from animal theft incidents, and Kınık WPP provided employment opportunities for local people. Since DOE attended the meeting personally,	Review-1: Ok Closed (The required information has been included in in the Section 2.4.2 of the MR.)

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
		DOE can validate that there are no negative comments on the project by the locals. There is no need for a documentation to show the outcomes of the meeting. Notes from local stakeholder engagements is now included in Section 2.4.2.	
CAR-14 Please include the mechanism for on-going communication with local stakeholders conducted prior to verification in the Section 2.4.2 of the MR.	2.4.2.1.3	Ongoing communication with local stakeholders are now included in Section 2.4.2.	Review-1: Ok Closed (The required information has been included in the Section 2.4.2 of the MR and the signed letters by the Mukhtars have been provided).
CAR-15 Please include how due account of all and any input received during ongoing communication with local stakeholders has been taken into consideration in the Section 2.4.2 of the MR.	2.4.2.1.4	Since there are no negative feedbacks from the locals on the project activity, there is no need to take any action. Locals stated that they are happy with the project since Kınık WPP and its security officers made the region more secure from animal theft incidents, and Kınık WPP provided employment opportunities for local people. Notes from local stakeholder engagements is now included in Section 2.4.2.	Review-1: Ok Closed (The required information has been included in the Section 2.4.2 of the MR and the signed letters by the Mukhtars have been provided).
CAR-16 Please include the details on any updates to the project design or justifying why updates are not appropriate according to the comments by the local stakeholders in the Section 2.4.2 of the MR.	2.4.2.1.5	Updates to the project description is elaborated in Section 2.2.2 (Project Description Deviations). Nevertheless, at the stakeholder engagement meeting, locals stated that if additional turbines will be constructed in the future, no turbine should be constructed beyond Turbine 1 (T1). They stated if there will be a construction of a new turbine beyond Turbine T1, noise problems may arise in the future since the new turbine would be closer to the Kodukburun village. However, project manager stated that area beyond Turbine T1 does not belong to Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi; thus, no additional turbine will be constructed closer to the Kodukburun village. All in all, there were no negative feedbacks on the project activity. Related information is now included in Section 2.4.2.	Review-1: Ok Closed (The relevant details are included in the Sections 2.2.2 and 2.4.2 of the MR).
CAR-17 This is stated but please correct the future tense in the "Description of measurement methods and procedures to be applied" row of the Section 3.2 of the MR.	3.2.4	Related part in Section 3.2. is now corrected and stated in present tense.	Review-1: Ok Closed (The revision has been completed).

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
CAR-18 This is available in the Excel spreadsheet but please include the calculation method, including any equations, used to establish the relevant data/parameter as a separate row in the Section 3.2 of the MR.	3.2.9	Data/parameter in Section 3.2. is measured continuously by TEAIS meters (both main and spare) and recorded monthly. Since data/parameter is measured, not calculated, there is no equation or calculation methods. Electricity consumption from the grid is subtracted from electricity supplied to the grid and net electricity supplied to the grid is calculated. Other than that, all data is measured not calculated. Therefore, there is no need to show a calculation or formula.	Review-1: Ok Closed (The emission reduction calculations are explained in the Section 4 of the MR).
CAR-19 Please include the brief information about the roles and responsibilities of each personnel (like project manager and technicians etc.) in the Section 3.3 of the MR.	3.3.3	Roles and responsibilities of the personnel are now provided in Section 3.3.	Review-1: Ok Closed (The brief information about the roles and responsibilities of each personnel has been included in the MR).
CAR-20 Please include the procedures, if any, for handling internal auditing and non-conformities described in the Section 3.3 of the MR.	3.3.6	Internal auditing procedures are now summarized in Section 3.3. Because of the data acquisition and management and quality assurance procedures that are anyway in place, no additional procedures have to be established for the monitoring plan. Dedicated emergency procedures are not provided, as there is no possibility of overstating emission reductions due to emergency cases.	Review-1: Ok Closed (The explanation is also available in the revised MR).
CAR-21 a) Please clarify why EPIAS values aren't included as the main source in the Excel spreadsheet calculation since they are utilized for the invoicing. b) The total and monthly ER values of 2016 don't compatible with each other in both Excel spreadsheet calculation and MR.	4.1.1	a) Since PMUM values are reached under EPIAS and it is the official source for electricity generation, PMUM data from EPIAS is used as the main source for emission reduction calculations. PMUM records are crosschecked with the data measured by meters (TEIAS invoice documents). In this sense, EPIAS data (PMUM) is the main source for emission reduction calculations. b) December 2016 electricity generation values are different between PMUM and invoice. Explanation of the reason behind is now included in Section 4.4. Since PMUM data is the official data which is correct and the primary data for emission reduction calculations, emission reduction amounts are correct. Relevant invoice for December 2016 is now shared with the DOE. <u>Response (08.04.2019)</u>	Review-1: a) Please include emission reduction values as an integer value including the monthly values. b) The total and monthly (December) ER values of 2016 don't compatible with each other in both Excel spreadsheet calculation and MR. Review-2: a) Ok Closed (The values have been revised in the Excel calculation). b) Ok Closed (The values are compatible with each other both in the Excel calculation and MR).

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
		a) Emission reduction values (including monthly values) are now rounded down and reported as an integer value. b) Emission reduction values (including monthly values) are now rounded down and reported as an integer value. Excel is now updated. Both December 2016 and year 2016's emission reduction is 7,605 tCO₂ and are now compatible with each other in both Excel spreadsheet calculation and MR.	
CL-1 Please provide the following records: -Waste oil transfer and disposal records (If there hasn't been any transfer during the monitoring period, then signed and sealed letter about no transfer on the company letterhead) -The noise assessment report, if any, -The ornithology report as stated in the registered PD -The social security records of PP site employees -The training records and certificates -EIA Report of the project activity -The signed document about the contact details of the PP relevant staff in case of any complaint by Kodukburun and Poyracık villages and whether there is any complaint received by the Muhktars from the local stakeholders	2.4.1.1	- Turbines do not generate waste oil and when generator firm carry out maintenance, they took filters and used (waste) oil with them. Relevant documentation is now shared with DOE. - There are no noise assessment reports since Siemens guaranteed turbines to cause under 70 dB in 100 m. - Ornithology report is now provided. - Social security records (SGK) of site employees are now shared with the DOE. - Training records and the certificates of the plant personnel are now provided. Since outsourced Siemens team carries out maintenance of the turbines, no documentation on permission to work at height provided. Relevant training documents are now provided in a sampling approach which is agreed with DOE at the site visit. - Kınık WPP has "EIA not required" decision and relevant documents were shared with the DOE. - Closest villages to the Kınık WPP is Kodukburun and Mustaklar villages. Poyracık village is not as close as the Kodukburun and Mustaklar to the Kınık WPP. Relevant signed documents from Muhtars of Kodukburun and Mustaklar, and plant manager are now shared with DOE. <u>Response (08.04.2019)</u> a) Since turbines do not generate waste oil, waste oil transportation and disposal have not been taken place. Relevant letter from plant manager is now shared with the DOE.	Review-1: a) Please provide the waste oil transfer and disposal records (e.g. UATF records). b) Please provide the relevant reference document regarding the noise level of Siemens turbines. Review-2: a) Ok Closed (The signed letter by the PP has been provided). b) Ok Closed (There hadn't any complaint by the interviewed local stakeholders during the site visit regarding the noise).

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Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project Participants' Response	Verification Team Conclusion
		b) Relevant reference on the noise level of Siemens turbines is now shared with the DOE. Acoustic emissions as estimated noise level are presented in the page 15 of the document named "TurbinSWT-3.2-108-Developer Package". In this document, it is stated that turbines comply with international standards of IEC 61400-11 ed.2.1(2006-12). Moreover, Contract Acoustic Emission is provided which proves above mentioned declaration to standards. There were not any concerns or complaints from the local stakeholders on the noise level of the plant.	
CL-2 Please clarify whether PMUM is still applicable.	3.2.7	Under EPIAŞ system, project owners can track and monitor their electricity generation (supplied to the grid) and usage (consumed from the grid) by using PMUM. Thus, PMUM is still applicable and the legal (official) data source for project owners. PMUM records are used as main data source for emission reduction calculations. All PMUM records were shared with the DOE.	Review-1: Ok Closed (EPIAS (previously known as PMUM) values have included as a main source in the ER calculations).
CL-3 The calibration dates of the electricity meters are available as 29/06/2016 but please provide the relevant evidence regarding this date.	3.2.10.6	Relevant documentation is added as a footnote and now shared with the DOE.	Review-1: Ok Closed (The relevant evidence document has been provided).
CL-4 There is one FAR by the validation DOE from the validation process as in below: "During validation site visit T2 turbine was not installed and constructed. During verification T2 actual location should be check by the DOE." Therefore, please provide the relevant evidence regarding the actual location of T2 turbine.	6.1.1	Relevant explanation is now included in Section 2.2.2. Turbine T2's location can be validated by checking the amendment dated 12.09.2017 on generation licence of the project. Generation licence was provided to the DOE. Moreover, Table 2 in MR is now revised and shows correct location of Turbine T2.	Review-1: OK Closed (The generation licence and the relevant explanation in the MR is available. Besides that, T-2 was also seen and the photos were taken during the verification site visit).
CL-5 (Issued during the ITR stage) The total emission reduction for the monitoring period on Page 3 of the MR is 198,398 tCO ₂ e while in ER spreadsheet and verification report the value is 198,388 tCO ₂ e.	N/A	Response (11.04.2019) There has been a typo in Page 3 of the MR. Now, it is corrected as 198,388 tCO ₂ e.	Review-1: Ok Closed (The revision has been completed in the MR).

ANNEX 2: VERIFICATION TEAM AND ITR COMPETENCE

Anıl SÖYLER, Bsc. in Environmental Engineering, has completed his Bachelor degree in Middle East Technical University, Turkey. His Master study in the same field is at thesis stage and has 9 years of professional experience in environmental management, monitoring and auditing, waste and waste water management, environmental and social impact assessment, control of greenhouse gas emissions, environmental reports, and quality management systems. He has been involved in both national and international projects supported by IFC and World Bank. He has been working as Certification Manager and GS and VCS projects Team Leader in the context of Re Carbon.

Sukanta DAS, has done M. SC in Physics and M. Tech in Energy technology from Tezpur Central University in India. He is a certified lead auditor for ISO 14001 EMS LA. He has more than five years of work experience at TUV NoRD under various categories of projects stating from Renewable to waste to supercritical projects. He was JI/CDM Lead Assessor in TUV NoRD and was involved in more than 80 CDM validation and verifications activities and Gold Standard, VER projects as a team leader/technical reviewer / validator / verifier covering the sectoral scope 1 technical area 1.2. He has been working as a contracted team leader, technical reviewer and renewable energy expert in the context of Re Carbon.

Annex 2-1: Appointment Certificates

Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti. Başlıca Plaza Muhsin Yazıcıoğlu Cad. 43/11 TR / 06520 Balgat-Ankara Tel.: 0300-312-287 5122 Fax: 0300-312-287 3373	Certificate of Appointment 
Carbon Division	Page: 1/1

This Certificate of Appointment is given to **Mr. Anil SÖYLER** as a confirmation of compliance with internal qualification requirements as follows:

Clean Development Mechanism				
Validator	Verifier	Team leader	Technical reviewer	Technical Expert
05-05-2017	05-05-2017	N/A	N/A	05-05-2017

Verified Carbon Standard, Gold Standard, World Commission on Dams, Social Carbon				
Validator	Verifier	Team leader	Technical reviewer	Technical Expert
05-05-2017	05-05-2017	05-05-2017	N/A	05-05-2017

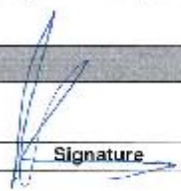
Speciality	Regional expertise	Financial expertise	Technical area
N/A	Turkey, China and Saudi Arabia	N/A	1.2 and 13.1

Within the scope and in strict accordance to the appointment indicated above, the bearer can:

1. Participate in the assessments conducted by Re Carbon Ltd
2. Take the roles within and outside of the assessment team
3. Bring specific expertise to the assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the person's work agreement is terminated and there is no defined validity period for this Certificate.

However, The Certificate may be updated, suspended or cancelled at any time, as a result of the performance assessments and/or other reasons as defined above.

APPOINTMENT IS GRANTED BY			
Mr. Christian JOHANNES	General Manager	05-05-2017	
Name	Position	Date	Signature

2016/05/16 09:10:00



Re Carbon G33allm Deretlm ve Belgelemlme Ltd. Şti. Bagl's Plaza Muhsin Yazıcıoğlu Cad. 43/11 TR / 08520 Balçat-Ankara Tel: 0090-312-267 5122 Fax: 0090-312-287 3373	Certificate of Appointment	
	Carbon Division	Page: 1/1

This Certificate of Appointment is given to **Mr. Sukanta DAS** as a confirmation of compliance with internal qualification requirements as follows:

Clean Development Mechanism				
Validator	Verifier	Team leader	Technical reviewer	Technical Expert
05-05-2017	05-05-2017	05-05-2017	05-05-2017	05-05-2017

Verified Carbon Standard, Gold Standard, World Commission on Dams, Social Carbon				
Validator	Verifier	Team leader	Technical reviewer	Technical Expert
05-05-2017	05-05-2017	05-05-2017	05-05-2017	05-05-2017

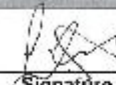
Speciality	Regional expertise	Financial expertise	Technical area	
N/A	Saudi Arabia, Morocco and India	N/A	1.1, 1.2 & 13.1	

Within the scope and in strict accordance to the appointment indicated above, the bearer can:

1. Participate in the assessments conducted by Re Carbon Ltd.
2. Take the roles within and outside of the assessment team
3. Bring specific expertise to the assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the personnel's work agreement is terminated and there is no defined validity period for this Certificate.

However, The Certificate may be updated, suspended or cancelled at any time, as a result of the performance assessments and/or other reasons as defined above.

APPOINTMENT IS GRANTED BY			
Mr. Arif SÖYLER	Certification Manager	05-05-2017	
Name	Position	Date	Signature

P-C-003 / 03.11.2017 - 06

