

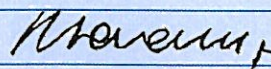
FINAL VERIFICATION REPORT

"CEVIZLIK RUN-OFF-RIVER HYDROELECTRIC POWER PLANT"

**RINA**

Document Prepared by RINA Services S.p.A.

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Summary:

RINA Services S.p.A. (RINA), commissioned by Akim Enerji Uretim San. ve Tic. A.Ş., has verified the greenhouse gas emission reductions reported for the project activity "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, VCS Registration Reference N° 753, for the period 01/07/2011 to 30/06/2012, with regard to the relevant requirements for CDM and VCS activities. The project was validated by Bureau Veritas (validation report issued on 21/06/2010) and it was registered under the VCS registration reference N° 753.

The GHG emission reductions were calculated on the basis of the approved methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources" version 10 of 28/05/2009 and the monitoring plan included in the registered VCS PD version 06 of 17/06/2010.

The objective of the verification is to have an independent review ex post determination of the monitored reductions in GHG emission reductions, reported for the "Cevizlik Run-off-River Hydroelectric Power Plant" project in Turkey for the period 01/07/2011 to 30/06/2012.

Verification was conducted using RINA procedures in line with the requirements specified in the VCS Version 3 Requirements, CDM M&P, the latest version of the CDM Validation and Verification Standard, and relevant decisions of the COP/MOP and the CDM EB and applying standard auditing techniques. The verification consisted of desk review, on-site assessment and the resolution of outstanding issues and the issuance of the final verification report and certification.

The verification shall ensure that reported emission reductions are complete and accurate in accordance with applicable VCS Version 3 requirements, which refer to CDM rules, in order to be certified.

In conclusion, it is RINA's opinion that the project activity "Cevizlik Run-off-River Hydroelectric Power Plant", in "Turkey", as described in the Monitoring Report version 03 of 18/10/2012, meets all relevant requirements for VCS and CDM activities and all relevant host Party criteria and correctly applies the baseline and monitoring methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 10 of 28/05/2009. Hence, RINA is able to certify that the emission reductions from the project during the monitoring period 01/07/2011 to 30/06/2012 amount to 164,049.86 tCO₂e.

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Appendix A: VCS Verification Protocol

1 INTRODUCTION

Akim Enerji Uretimi San. ve Tic. A.S. has commissioned RINA to carry out the verification and certification of emission reductions reported for the registered "Cevizlik Run-off-River Hydroelectric Power Plant" project in Turkey, VCS Registration Reference N° 753, for the period 01/07/2011 to 30/06/2012.

This report summarizes the findings of the verification of the project, performed on the basis of UNFCCC criteria for CDM and VCS, as well as criteria given to provide for consistent project operations, monitoring and reporting.

1.1 Objective

The objective of the verification is to have an independent review ex post determination by a Designated Operational Entity (DOE) of the monitored reductions in GHG emissions that have occurred as a result of the registered VCS project activity during a defined monitoring period. Certification is the written assurance by the DOE that, during a specific time period, a proposed VCS project activity achieved the reductions in anthropogenic emissions by sources of GHGs as verified.

The objective of this verification/certification was to verify and certify emission reductions and effective implementation of the monitoring of sustainable development indicators and mitigation measures, reported for the "Cevizlik Run-off-River Hydroelectric Power Plant" project in Turkey for the period 01/07/2011 to 30/06/2012.

1.2 Scope and Criteria

The verification scope is:

- to verify that actual monitoring systems and procedures are in compliance with the monitoring systems and procedures described in the monitoring plan;
- to evaluate the GHG emission reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emission reduction data is free from material misstatement;
- to verify that reported GHG emission data is sufficiently supported by evidence;
- to evaluate whether all the mitigation measures have been effectively put in place according to the monitoring plan and that all the sustainable development indicators have been correctly monitored.

Verification shall ensure that reported emission reductions are complete and accurate in accordance with applicable VCS Version 3 requirements, which refer to CDM rules, in order to be certified.

UNFCCC criteria for CDM refer to Article 12 of the Kyoto Protocol, the CDM modalities and procedures, and the subsequent decisions by the CDM Executive Board.

Verification is not meant to provide any consultancy towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the monitoring.

1.3 Level of Assurance

All the revisions of the verification report, before being submitted to the client, were subjected to an independent internal technical review to confirm that all verification activities had been completed according to the pertinent RINA instructions.

The technical review was performed by a technical reviewer(s) qualified in accordance with RINA's qualification scheme for VCS and CDM validation and verification. The verification team and the technical reviewers consist of the following personnel:

Role/Qualification	Last Name	First Name	Country
VCS Team Leader – VCS Verifier – Technical Expert	Timuroglu	Isil	Turkey
Technical Reviewer	Valoroso	Rita	Italy
Technical Reviewer in Training	Alfieri	Felice	Italy
Technical Reviewer	Tong	Wing Yu	Hong Kong (China)

1.4 Summary Description of the Project

The project is hydroelectric power plant located in Eastern Black Sea Region, Rize Province, Turkey. The project activity consists of 2 vertical Francis type Alstom turbines, each with a 51.21 MWm capacity and making the total installed capacity of 92.96 MWm as confirmed through the Generation License /13/. When only one turbine runs, the installed capacity is 51.21 MWm. When two units work together, the mechanical output will diminish to 92.96 MWm due to hydraulic losses. The project boundary in the registered VCS PD /1/ is in line with the actual project boundary. The generated electricity is fed to the National Electricity System. The geographic coordinates of the project activity is confirmed via GPS device during the site visit.

The main information of the project is summarized in the table below.

Project Participant(s)	Akim Enerji Uretim San. ve Tic. A.S.		
Project Title	Cevizlik Run-off-River Hydroelectric Power Plant		
Location of the project	Eastern Black Sea Region, Rize Province of Turkey		
Methodology(ies)	ACM0002, "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 10 of 28/05/2009 /6/		
Sectoral Scope(s)	1	RINA's Technical Area(s)	1.2
Registered VCS PD	Version 06 of 17/06/2010		
VCS Registration Reference No	753		
Starting date of the crediting period	29/05/2010 (as confirmed through the First Verification Report /11/)		
Project's crediting period	29/05/2010 to 28/05/2020		
Monitoring period	01/07/2011 to 30/06/2012 (both days included)		
Project documentation link	https://vcsprojectdatabase2.apx.com/myModule/Interactive.asp?Tab=Projects&a=2&i=753&lat=40%2E843611&lon=40%2E474721		

2 VALIDATION PROCESS, FINDINGS AND CONCLUSION

2.1 Validation Process

The project was validated by Bureau Veritas (validation report issued on 21/06/2010) and it was registered under the VCS registration reference N° 753.

2.2 Validation Findings

2.2.1 Gap Validation

The project was validated by Bureau Veritas (validation report issued on 21/06/2010) and it was registered under the VCS registration reference N° 753.

2.2.2 Methodology Deviations

There is not any deviation in the applied methodology to the project activity.

2.2.3 Project Description Deviations

In the registered VCS PD for "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, version 06 of 17/06/2010 /1/, the source of the net electricity generation is defined as "Monthly Meter Reading Protocols". However, since TEIAS started to monitor electricity remotely, Monthly Meter Reading Protocols are not available. Therefore, the source of the parameter is defined as "Market Financial Settlement Center (PMUM) records which are the basis of the invoices. The source for cross checking the amount of produced electricity is also revised as "OSF Forms" which are prepared by TEIAS after the remote measurements of the meters and sent to the plant engineer by e-mail at the end of each month.

In the registered VCS PD for "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, version 06 of 17/06/2010 /1/, it is mentioned that "*The Electrical Engineers will receive sufficient and continuous training in terms of monitoring and verification on aspects such as meter's reading and calibration and reading's recording, adjustment and reporting every year. If new personnel are hired, they will have to follow up a training program and will be trained in the specific skills required to carry out the Monitoring Plan*". However, the electrical engineers are not trained in terms of meter readings and calibration, since the meter readings are made by TEIAS in every month remotely and the company is not responsible for the calibration of the meters.

These changes are permanent during the crediting period and have been assessed as per the "Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD", version 01 of 17/06/2009 /20/. The additionality of the project activity is demonstrated by applying investment analysis as per the registered VCS PD /1/. Therefore, this change does not affect the additionality of the project activity. It has been confirmed that this change does not affect the applicability/application of baseline methodology. Also, the scale of the VCS project remains the same.

2.2.4 New Project Activity Instances

Not applicable.

2.3 Validation Conclusion

The project was validated by Bureau Veritas (validation report issued on 21/06/2010) and it was registered under the VCS registration reference N° 753.

The changes are permanent during the crediting period and have been assessed as per the "Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD", version 01 of 17/06/2009 /20/. The additionality of the project activity is demonstrated by applying investment analysis as per the registered VCS PD /1/. Therefore, this change does not affect the additionality of the project activity. It has been confirmed that this change does not affect the applicability/application of baseline methodology. Also, the scale of the VCS project remains the same.

Thus, the requirements of the VCS Standard Version 3 /4/ were satisfied and RINA confirms that the project conforms to the validation criteria for projects, in accordance with "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 10 of 28/05/2009 /6/.

3 VERIFICATION PROCESS

3.1 Method and Criteria

Verification was conducted using RINA procedures in line with the requirements specified in the VCS Version 3 Requirements, CDM M&P, the latest version of the CDM Validation and Verification Standard, and relevant decisions of the COP/MOP and the CDM EB and applying standard auditing techniques.

The verification consisted of the following three phases:

- Document review;
- On-site assessment;
- The resolution of outstanding issues and the issuance of the final verification report and certification.

3.2 Document Review

The monitoring report, version 3.0 of 10/10/2011, version 02 of 14/09/2012 and version 03 of 18/10/2012 /2/, the emission reduction calculations provided in the form of a spreadsheet, "Cevizlik HEPP_Emission Reduction Calculation Sheet(2)" version 01 of 29/06/2012 and "Cevizlik HEPP_Emission Reduction Calculation Sheet18.09.2012" version 02 of 13/09/2012 /8/, the approved baseline and monitoring methodology ACM0002 version 10 /6/ and all the documentation provided to support the monitoring period /01 – 20/ were assessed as part of the verification. In addition, the VCS Project Description (VCS PD) /1/, in particular as regards the baseline estimations and the monitoring plan, and the validation report of 21/06/2010 /7/ for the project, were reviewed.

The following table lists the documentation that was reviewed during the verification.

/1/	Akim Enerji Uretimi San. ve Tic. A.S.: VCS PD for "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, version 06 of 17/06/2010
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/2/	Akim Enerji Uretimi San. ve Tic. A.S.: Monitoring Report for "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, version 3.0 of 10/10/2011 related to the monitoring period 01/07/2011 to 30/06/2012 Akim Enerji Uretimi San. ve Tic. A.S.: Monitoring Report for "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, version 02 of 14/09/2012 related to the monitoring period 01/07/2011 to 30/06/2012 Akim Enerji Uretimi San. ve Tic. A.S.: Monitoring Report for "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, version 03 of 18/10/2012 related to the monitoring period 01/07/2011 to 30/06/2012
/3/	VCS Verified Carbon Standard: VCS Program Guide, VCS Version 03, v3.4 of 04/10/2012
/4/	VCS Verified Carbon Standard: VCS Standard, VCS Version 03, v3.3 of 04/10/2012
/5/	CDM Executive Board: Clean Development Mechanism Validation and Verification Standard, version 02.0 of 25/11/2011
/6/	CDM Executive Board: Baseline and monitoring methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 10 of 28/05/2009
/7/	Bureau Veritas Certification Holding SAS: Validation Report for "Cevizlik Run-off-River Hydroelectric Power Plant" of 21/06/2010
/8/	Akim Enerji Uretimi San. ve Tic. A.S.: Emission Reduction Calculation Spreadsheet "Cevizlik HEPP_Emission Reduction Calculation Sheet(2).xls" version 01 of 29/06/2012 related to the monitoring period from 01/07/2011 to 30/06/2012 Akim Enerji Uretimi San. ve Tic. A.S.: Emission Reduction Calculation Spreadsheet "Cevizlik HEPP_Emission Reduction Calculation Sheet18.09.2012.xls" version 02 of 18/09/2012 related to the monitoring period from 01/07/2011 to 30/06/2012
/9/	VCS Verified Carbon Standard: VCS Verification Report Template Version 3.2
/10/	CDM Executive Board: Methodological Tool "Tool to calculate the emission factor for an electricity system", version 01.1 of 29/07/2008
/11/	Bureau Veritas Certification Holding SAS: Verification Report for "Cevizlik Run-off-River Hydroelectric Power Plant" version 02 of 19/02/2012
/12/	Turkish Electricity Transmission Company (TEIAS): First Index Protocol of 28/05/2010
/13/	Energy Market Regulatory Authority: Generation License numbered EU/1237-2/880 of 27/06/2006
/14/	The Ministry of Energy and Natural Resources: Temporary Acceptance Protocol of 28/05/2010
/15/	Market Financial Conciliation Center (PMUM): All Monthly Electricity Records with in the Monitoring Period (from 01/07/2011 to 30/06/2012)
/16/	Turkish Electricity Transmission Company (TEIAS): All OSF Forms with in the Monitoring Period (from 01/07/2011 to 30/06/2012)
/17/	Akim Enerji Uretimi San. ve Tic. A.S.: Technical Drawing of Reservoir Area
/18/	The Ministry of Trade and Industry: Regulation of Metering and Testing of Metering Systems of 24/07/1994
/19/	Energy Market Regulatory Authority: Communiqué for Measurement Devices used in the Electricity Market of 22/03/2003
/20/	CDM Executive Board: Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD, version 01 of 17/06/2009
/21/	VCS Verified Carbon Standard: VCS Monitoring Report Template Version 3.2

3.3 Interviews

The plant staffs were interviewed during the site visit, with the purpose to see how the monitoring procedures were implemented, the whole process was explained to the verification team during the site visit. The carbon consultant was interviewed about the monitoring report and related parameters. Whole process related emission reduction calculation was explained.

The key personnel interviewed and the main topics of the interviews are summarized in the table below.

	Date	Name and Role	Organization	Topic
/a/	09/07/2012	Taner SENGONUL HEPP Investment Assistant Coordinator	Akim Enerji Uretimi San. ve Tic. A.S.	Monitoring plan Monitoring methodology Monitoring data
/b/	09/07/2012	Muhsin DERVISOGULLARI Environmental Engineer	Akim Enerji Uretimi San. ve Tic. A.S.	Implementation status of the project Monitoring equipments and operation
/c/	09/07/2012	Esra MUS Electrical Engineer	Akim Enerji Uretimi San. ve Tic. A.S.	Calibration certificates Emission Reductions calculation
/d/	09/07/2012	Niyazi GENC Technician	Akim Enerji Uretimi San. ve Tic. A.S.	

3.4 Site Inspections

On 09/07/2012, RINA visited the hydro power plant located in Rize province of Turkey. During the on-site assessment of the project, all the equipment and the systems were accessible. RINA assessed the implementation and operation of the proposed project activity, reviewed the information flows for generating, aggregating and reporting the monitoring parameters, interviewed key personnel of the plant to confirm the operational and data collection procedures, cross-checked between information provided in the monitoring report and data plant, checked the monitoring equipment including calibration performance, reviewed calculations and assumptions made in determining the GHG data and emission reductions, checked the quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters.

3.5 Resolution of Any Material Discrepancy

The objective of this phase of the verification is to resolve any outstanding issues, which need to be clarified for RINA's positive conclusion on the monitoring report and emission reductions.

To guarantee transparency a verification protocol has been customized for the project. The protocol shows in a transparent manner the requirements, means of verification and the results from verifying the identified criteria. The verification protocol consists of three tables; the different columns in these tables are described in the figure below (see Figure 1). The completed verification protocol is enclosed in Appendix A to this report.

A corrective action request (CAR) is raised if one of the following occurs:

- Non-conformities with the monitoring plan or methodology are found in 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.

A clarification request (CR) is raised if information is insufficient or not clear enough to determine whether the applicable VCS requirements, which refer to CDM rules, have been met.

CARs, CRs identified are included in the verification protocol in Appendix A of this report.

Figure 1 Verification protocol tables

Verification Protocol, Table 1 - Requirement checklist					
Checklist Question	Ref.	MoV	Comments	Draft Conclusion	Final Conclusion
Checklist questions organized in seven different sections.	Makes reference to documents where the answer to the checklist question or item is found.	Explain how conformance with the checklist question is investigated. Examples are document review (DR), interview or any other follow-up actions (I), cross checking (CC) with available information relating to projects, (N/A) means not applicable.	The discussion on how the conclusion is arrived at and the conclusion on the compliance with checklist question so far.	For CAR, CR and FAR see the definitions above.	OK is used if the information and evidence provided is adequate to demonstrate compliance with VCS requirements which refer to CDM rules.

Verification Protocol, Table 2: Resolution of Corrective Action Requests and Clarification			
Corrective action requests and/or clarification requests	Reference to Table 1	Response by project participants	Verification Conclusion
The CAR and/or CRs raised in table 1 are repeated here.	Reference to the checklist question number in Table 1 where the CAR or CR is explained.	The responses given by the project participants to address the CARs and/or CRs.	The verification team's assessment and final conclusion of the CARs and/or CRs.

Verification Protocol, Table 3 - Forward Action Requests		
Forward action request	Reference to Table 1	Response by project participants Verification Conclusion
The FAR raised in table 1 is repeated here.	Reference to the checklist question number in Table 1 where the FAR is explained.	Response by the project participants on how forward action request will be addressed.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

It was verified during the site visit conducted on 09/07/2012 that the proposed project activity has been implemented and it is in operation in accordance with the project activity described in the registered VCS PD /1/.

The project activity has been commissioned on 28/05/2010 as confirmed through the Temporary Acceptance Protocols /14/. The carbon crediting period and therefore the monitoring starts when the plant commences electricity generation. The crediting period started on 29/05/2010.

The project activity consists of 2 vertical Francis type Alstom turbines, each with a 51.21 MWm capacity and making the total installed capacity of 92.96 MWm as confirmed through the Generation License /13/. When only one turbine runs, the installed capacity is 51.21 MWm. When two units work together, the mechanical output will diminish to 92.96 MWm due to hydraulic losses. The project boundary in the registered VCS PD /1/ is in line with the actual project boundary. The generated electricity is fed to the National Electricity System. The geographic coordinates of the project activity is confirmed via GPS device during the site visit.

No change in the registered VCS PD /1/ and previous monitoring period /11/ has been occurred during the 2nd monitoring period of 01/07/2011 to 30/06/2012.

Based on the onsite inspection and checking the above documents, RINA confirms that the project activity has been implemented and it is in operation as described above in accordance with the project activity in the registered PDD /1/.

Based on the review of Validation Report for "Cevizlik Run-off-River Hydroelectric Power Plant" issued on 21/06/2010 by Bureau Veritas /7/ and First Verification Report for "Cevizlik Run-off-River Hydroelectric Power Plant" version 02 of 19/02/2012 /11/ no remaining issues were identified.

4.2 Accuracy of GHG Emission Reduction or Removal Calculations

The emission reduction calculations provided in the spreadsheet /8/ have been verified to be correct and in line with the registered VCS PD /1/.

According to the applied methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 10 of 28/05/2009 /6/, the emission reductions have been calculated based on the following formula:

$$ER_y = BE_y - PE_y - LE_y$$

Where:

BE_y = Baseline emissions in year y (tCO₂e/yr)

PE_y = Project emissions in year y (tCO₂e/yr)

LE_y = Leakage emissions in year y (tCO₂e/yr)

Baseline emissions

The baseline emissions include the CO₂ emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity, multiplying the electricity supplied to the grid (MWh) with the combined margin CO₂ emission factor for grid connected power generation in year.

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

Where:

EG_y = Annual electricity supplied by the project to the grid (MWh)

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

$EF_{\text{grid,CM,y}}$ = Combined margin grid emission factor (tCO₂/MWh)

Project emissions

Project emissions has been assumed to be 0 since the power density is larger than 10 W/m² as per the ACM0002 version 10 of 28/05/2009 /6/ as defined in the registered VCS PD /1/. During this monitoring period, the reservoir area (A_{PJ}) and installed capacity (Cap_{PJ}) has not changed, therefore there is no change in power density and is still larger than 10 W/m².

Leakage emissions

The leakage emissions are assumed to be zero as per the ACM0002 version 10 of 28/05/2009 /6/ as defined in the registered VCS PD /1/.

The data presented in the monitoring report /2/ were assessed by reviewing in detail project documentation, collection of monitored data, observation of established monitoring and reporting practices and assessment of the reliability of monitoring equipment. Sufficient evidence was presented and verified by RINA for the reported emission reductions.

Parameters Available at Validation and Data Fixed Ex-ante

DATA/PARAMETER	Source of data	Reported value for the project period	Assessment/Observation
$EF_{\text{grid,CM,y}}$ Baseline emission factor	TEIAS statistics	0.559 tCO ₂ /MWh	According to the approved methodology ACM0002 version 10, the combined emission factor has been determined using the ex-ante option and so it is not requested to monitor and recalculate the emission factors during the crediting period. The combined emission factor is determined to be 0.559 tCO ₂ /MWh in the VCS PD /1/ and validation report /7/.

Parameters and Data Monitored

DATA/PARAMETER	EG _{PJ,y}
Data Unit	MWh
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y
Source of data to be used	PMUM Records
Value data for the monitoring period	293,470.24 MWh
Measuring and reporting frequency; recording procedure	Continuously monitoring and monthly recording
Type of monitoring equipment and its accuracy	Two unit electricity meters (two main meters and two backup meters) are installed at the project site. The main meters are ACTARIS SL761A with serial number 53035222 and 53035223. The backup meters are ACTARIS SL761A with serial number 53035224 and 53035225. The meters have the accuracy of 0.2s as confirmed through the first index protocol /12/ . The accuracy class of the meters complies with the "Communiqué for Measurement Devices used in the Electricity Market" /19/ .
Calibration frequency/interval	TEIAS is responsible for the calibration and maintenance of the meters as per the registered VCS PD /1/ . The project owner has no control on the meters since the meters are sealed by the TEIAS as confirmed during the site visit. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. The meters were tested by the electricity transmission company at the project site on 28/05/2010 after the meters were installed /12/ . As per the "Regulation of Metering and Testing of Metering Systems" /18/ , the meters shall be calibrated every 10 years. The calibration of meters is deemed appropriate and in compliance with the national regulation. During the on-site assessment, it was confirmed that the meters are in place and functioning well. During this monitoring period, no break down has been recorded.
How were the values in the monitoring report verified and cross-checked?	The net electricity generation is based on PMUM records /15/ and crosschecked with OSF forms /16/ .
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	The electricity generation supplied to the grid and electricity consumption from the grid is read remotely from the electricity meters by Automatic Meter Reading System (OSOS) by the TEIAS. TEIAS informs the plant manager by e-mail, the OSF Form is sent to plant manager. The plant manager checks the records and reports to Operation Manager who is VER coordinator. The collected data during the monitoring period will be kept by the project owner at least two years after end of the last crediting period as stated in the registered VCS PD /1/ and monitoring report /2/ , which is in line with the ACM0002 version 10 of 28/05/2009 /6/ .

If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	All the data were available for the whole monitoring period.
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DATA/PARAMETER	Cap _{PJ}
Data Unit	MW
Description	Installed capacity of the hydro power plant after the implementation of the project activity
Source of data to be used	Generation License
Value data for the monitoring period	92.96 MWm
Measuring and reporting frequency; recording procedure	Yearly
Type of monitoring equipment and its accuracy	The parameter is monitored through the Generation License; therefore, measurement equipment is not used.
Calibration frequency/interval	NA
How were the values in the monitoring report verified and cross-checked?	The parameter is monitored through the Generation License /13/.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	NA
If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	All the data were available for the whole monitoring period.

DATA/PARAMETER	A_{PJ}
Data Unit	m ²
Description	Area of the reservoir measured on the surface of the water, after the implementation of the project activity, when the reservoir is full
Source of data to be used	Technical drawing
Value data for the monitoring period	14,091 m ²
Measuring and reporting frequency; recording procedure	Yearly
Type of monitoring equipment and its accuracy	The parameter is monitored through the technical drawing issued.
Calibration frequency/interval	NA
How were the values in the monitoring report verified and cross-checked?	The parameter is monitored through the technical drawing /17/.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	NA
If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	All the data were available for the whole monitoring period.

Emission Reductions Achieved

The emission reductions calculation reported in the Monitoring Report version 03 of 18/10/2012 /2/ and calculation spreadsheet "Cevizlik HEPP_Emission Reduction Calculation Sheet18.09.2012.xls" version 02 of 18/09/2012 /8/ have been verified to be correct.

The reported emission reductions are equivalent to 164,049.86 tCO₂e during the monitoring period from 01/07/2011 to 30/06/2012. According to the registered VCS PD /1/, the estimated emission reductions are equivalent to 187,471.5 tCO₂e annually. The reported averaged emission reductions are 12.5% lower than the estimated average emission reductions.

4.3 Quality of Evidence to Determine GHG Emission Reductions or Removals

Two unit electricity meters (two main meters and two backup meters) are installed at the project site. The main meters are ACTARIS SL761A with serial number 53035222 and 53035223. The backup meters are ACTARIS SL761 with serial number 53035224 and 53035225. The meters

have the accuracy of 0.2s as confirmed through the first index protocol /12/. The accuracy class of the meters complies with the "Communiqué for Measurement Devices used in the Electricity Market" /19/.

TEIAS is responsible for calibration and maintenance of the meters as per the registered VCS PD /1/. The project owner has no control on the meters since the meters are sealed by the TEIAS as confirmed during the site visit. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. The meters were tested by the electricity transmission company at the project site on 28/05/2010 after the meters were installed /12/. As per the "Regulation of Metering and Testing of Metering Systems" /18/, the meters shall be calibrated every 10 years. The calibration of meters is deemed appropriate and in compliance with the national regulation.

The net electricity generation is based on PMUM records /15/ and crosschecked with OSF forms /16/. The verified electricity generation is in line with the emission reduction excel sheet /8/.

4.4 Management and Operational System

The electricity generation supplied to the grid and electricity consumption from the grid is read remotely from the electricity meters by Automatic Meter Reading System (OSOS) by the TEIAS. TEIAS informs the plant manager by e-mail, the OSF Form is sent to plant manager. The plant manager checks the records and reports to Operation Manager who is VER coordinator. The electricity generation supplied to the grid and electricity consumption from the grid is stored by PMUM on the web site. The Project owner has an ID and password to access this data on the web site.

The collected data during the monitoring period will be kept by the project owner at least two years after end of the last crediting period as stated in the registered VCS PD /1/ and monitoring report /2/ in line with the ACM0002 version 10 of 28/05/2009 /6/. The installed capacity of the hydro power plant after the implementation of the project activity is monitored through the Generation License /13/. Area of the reservoir measured on the surface of the water, after the implementation of the project activity, when the reservoir is full is monitored through the technical drawing /17/.

The responsibilities and authorities for monitoring and reporting are in accordance with the responsibilities and authorities stated in the monitoring plan presented in the in the registered VCS PD /1/ as confirmed through the interviews. Plant Manager (Electrical Engineer) is responsible for compliance with VER monitoring plan. Accounting Manager is responsible for providing data about electricity invoices to Operation Manager. Operation Manager is the VER coordinator and responsible for emission reduction calculations and preparing monitoring report.

The collected data during the monitoring period will be kept by the project owner at least two years after end of the last crediting period as stated in the registered VCS PD /1/ and monitoring report /2/ in line with the ACM0002 version 10 of 28/05/2009 /6/.

During the site visit, the suitability of the management system for monitoring and reporting has been assessed and found acceptable and in line with the monitoring plan presented on Monitoring Report version 03 of 18/10/2012 /2/.

5 VERIFICATION CONCLUSION

RINA Services Spa (RINA) has performed verification of the emission reductions reported for the project activity "Cevizlik Run-off-River Hydroelectric Power Plant" in Turkey, VCS Registration Reference N° 753, for the period 01/07/2011 to 30/06/2012, with regard to the relevant requirements for CDM and VCS activities.

It is RINA's opinion that the GHG emission reductions stated in the Monitoring Report version 03 of 18/10/2012 for the "Cevizlik Run-off-River Hydroelectric Power Plant" project in Turkey for the period 01/07/2011 to 30/06/2012 are fairly stated. The GHG emission reductions were calculated correctly, on the basis of the approved monitoring methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", 10 of 28/05/2009 and the monitoring plan contained in the registered VCS PD.

Hence, RINA is able to certify that the emission reductions from the project during the monitoring period 01/07/2011 to 30/06/2012 amount to 164,049.86 tCO₂e.

GHG Emission Reductions or Removals	tCO ₂ e
Baseline Emissions	164,049.86
Project Emissions	0
Leakage	0
Net GHG emission reductions or removals	164,049.86

APPENDIX A

VERIFICATION PROTOCOL



TABLE 1 REQUIREMENTS CHECK LIST

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
A Monitoring Report					
A.1 Does the used project title clearly enable the reader to identify the unique VCS activity? Is there an indication of a revision number, the date of the revision and the monitoring period?	<u>/1/ /2/ /7/</u>	DR, CC	The title of the project activity is given as "Cevizlik Run-off-River Hydroelectric Power Plant" in the Monitoring Report version 03 of 10/10/2011 <u>/2/</u> , which is enable the reader to identify the unique VCS activity. The title is also in line with the registered VCS PD <u>/1/</u> and Validation Report <u>/7/</u> . The version and issuance date of report are available at cover page of Monitoring Report version 03 of 10/10/2011 <u>/2/</u> . However, since the report was submitted in June 2012, the version and date of the verification report is not reasonable. This comment should be taken into consideration for following versions. The monitoring period given in the cover page of Monitoring Report version 03 of 10/10/2011 <u>/2/</u> is not correct. The project ID is defined as 753 that is available at the VCS Project Database.	GL-4	OK
A.2 Does the project comply with the applicable requirements for completing the Monitoring Reports (latest version available)?	<u>/2/ /3/ /4/ /9/</u>	DR	The project complies with the applicable requirements for completing the Monitoring Reports.		OK
A.3 Does the MR comply with the template available (latest version)?	<u>/2/ /3/ /4/ /9/</u>	DR	The following issues do not comply with the VCS Monitoring Report Template <u>/9/</u> . - The contact presented at the cover page does not include website - The Section 1.2 does not indicate whether the project is a grouped project. - The Section 1.3 does not include	CAR-4	OK

¹ MoV DR document review, I interview, CC cross checking

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
B Description of Project Activity					
A.1 Title of the project activity, revision number and date of Monitoring Report	/1/ /2/ /7/	DR, CC	The title of the project activity is given as "Cevizlik Run-off-River Hydroelectric Power Plant" in the Monitoring Report version 03 of 10/10/2011 /2/. The title is also in line with the registered VCS PD /1/ and Validation Report /7/.		OK
A.2 Is the actual implementation and operation of the proposed project activity in accordance with the project activity in the registered VCS-PD?	/1/ /2/ /7/ /13/	DR, CC	The project activity consists of 2 vertical Francis type Alstom turbines, each with a 51.21 MW/m capacity and making the total installed capacity of 92.96 MW/m as confirmed through the Generation License /13/. When only one turbine runs, the installed capacity is 51.21 MW/m. When two units work together, the mechanical output will diminish to 92.96 MW/m due to hydraulic losses. The project boundary in the registered VCS PD /1/ is in line with the actual project boundary. The generated electricity is fed to the National Electricity System. The geographic coordinates of the project activity is confirmed via GPS device during the site visit.		OK
A.3 Methodology applied for the registered project activity	/1/ /2/ /6/ /7/	DR	The project activity applies the approved baseline and monitoring methodology ACM0002 version 10 of 28/05/2009 /6/ as per the registered VCS PD /1/.		OK
B Monitoring					
B.1 Monitoring Plan					
B.1 Is the actual implementation and operation of the proposed project activity in accordance with the project activity in the registered VCS-PD?	/1/ /2/ /7/ /13/	DR, CC, I	It was verified during the site visit conducted on 09/07/2012 that the proposed project activity has been implemented and it is in operation in accordance to the project activity described in the registered VCS PD /1/. The project activity consists of 2 vertical Francis type Alstom turbines, each with a 51.21 MW/m capacity and making the total installed capacity of 92.96 MW/m as confirmed through the Generation		OK

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
B.2 In case of deviation between the registered project and the actual implementation/operation, do they comply with the requirements of the Project Standards?	/1/ /2/ /7/	DR	License /13/. When only one turbine runs, the installed capacity is 51.21 MWm. When two units work together, the mechanical output will diminish to 92.96 MWm due to hydraulic losses. The project boundary in the registered VCS PD /1/ is in line with the actual project boundary. The generated electricity is fed to the National Electricity System. The geographic coordinates of the project activity is confirmed via GPS device during the site visit. There some minor changes in the monitoring plan which does not affect the project design and implementation. The source of the net electricity generation is defined as "Monthly Meter Reading Protocols" in the registered VCS PD /1/. However, since TEIAS started to monitor electricity remotely, Monthly Meter Reading Protocols are not available. Therefore, the source of the parameter is defined as "Market Financial Settlement Center (PMUM) records which are the basis of the invoices. The cross-check record for the electricity generation is revised as OSF forms". OSF forms are prepared based on TEIAS remote measurements of the meters. In the registered VCS PD /1/, it is mentioned that the Electrical Engineers would receive training such as meter's reading and calibration and reading's recording, adjustment and reporting every year. However, the electrical engineers are not trained since the meter readings are made by TEIAS in every month remotely and the company is not responsible for the calibration of the meters.		OK
B.3 For project activity that consist of more than one site: - describe the status of the implementation and starting date of operation of each	/1/ /2/ /7/ /14/	DR, CC, I	The project activity has been commissioned on 28/05/2010 as confirmed through the Temporary Acceptance Protocols /14/. The carbon crediting period and therefore the monitoring starts when the		OK

Checklist Question		Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
	site; For project activity with phased implementation: - describe the progress of the proposed project activity achieved in each phase number; - if the phased implementation is delayed, described the reasons and the expected implementation dates.			plant commences electricity generation. Therefore, the crediting period starts on 28/05/2010.		
B.4	Methodology and methodological tool applied for the registered project activity	/1/ /2/ /6/ /7/ /10/		The project activity applies the approved baseline and monitoring methodology ACM0002 version 10 of 28/05/2009 /6/. The following methodological tools are applied for the registered project activity: "Tool to calculate the emission factor for an electricity system, Version 01.1 of 29/07/2008 /10/". The additional tool applied in the registered VCS PD is not given in the Monitoring Report version 03 of 10/10/2011 /2/.	CL-2	OK
C Compliance of the monitoring activities with the registered monitoring plan / Compliance of the monitoring plan with the monitoring methodology and methodological tool						
C.1 Monitoring plan						
C.1.1	Does the monitoring plan included in the registered VCS project activity comply with the applied methodology?	/1/ /2/ /6/ /7/	DR, CC	The monitoring plan of the VCS project activity complies with the applied methodology ACM0002 /6/.		OK
C.1.2	Does the monitoring comply with the monitoring plan in the registered VCS-PD?	/1/ /2/ /7/	DR, CC	The monitoring complies with the monitoring plan presented in the registered VCS PD /1/. The following parameters should be monitored as per the monitoring plan in the registered VCS-PD: - Quantity of net electricity generation supplied by the project to the grid in year y, $EG_{p,y}$ - Installed capacity of the hydro power plant after the implementation of the project activity, $Cap_{p,y}$ - Area of the regulation pond measured in the surface of the water, after the implementation of		OK

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
C.2 Data and parameters fixed ex-ante or at renewal crediting period					
C.2.1 Which parameters were available at validation and how were they verified?	/1/ /2/ /6/ /7/	DR, CC	As per the approved methodology ACM0002 version 10, the combined emission factor has been determined using the ex-ante option, so it is not requested to monitor and recalculate the emission factors during this crediting period. The combined emission factor is determined to be 0.559 tCO ₂ /MWh in the registered VCS PD /1/ and validation report /7/.		OK
C.2.2 What default data were selected and applied?	/1/ /2/ /6/ /7/	DR, CC	Please refer to Section C.2.1 of this protocol.		OK
C.3 Data and parameters monitored ex-post				CAR-2	OK
C.3.1 Which parameters have been monitored during the monitoring period?	/2/ /8/ /13/ /15/ /16/ /17/	DR, CC, I	Quantity of net electricity generation supplied by the project to the grid in year y (EG_{PE,y}): The parameter is measured in MWh and it is monitored by two units electricity meters that are located at the project activity. The net electricity generation is based on PMUM records /15/ and crosschecked with OSF forms /16/. The verified electricity generation is in line with the emission reduction excel sheet /8/. The notation defined as EG_{facility,y} in the monitoring report is not in line with the registered VCS PD /1/. Installed capacity of the hydro power plant after the implementation of the project activity (Cap_{PE}): The parameter is measured in MW and it is monitored through the Generation License /13/. The installed capacity is 92.96 MWh. Also the equipment label was seen during the site visit and it was confirmed the installed capacity is not changed. Area of the regulation pond measured in the surface of the water, after the implementation of the project activity, when the reservoir is full		

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
C.3.2 Is the measurement equipment described? Is the accuracy of the measurement equipment addressed and deemed appropriate?	/12/ /11/ /12/ /13/ /18/ /19/	DR, CC	(A_{PJ}): The parameter is measured in m². The reservoir area after implementation of project activity when reservoir area is full is defined 14,091 m² as confirmed through the technical drawing /17/. Quantity of net electricity generation supplied by the project to the grid in year y (EG_{P,y}): Two unit electricity meters (two main meters and two backup meters) are installed at the project site. The main meters are ACTARIS SL761A with serial number 53035222 and 53035223. The backup meters are ACTARIS SL761 with serial number 53035224 and 53035225. The meters have the accuracy of 0.2s as confirmed through the first index protocol /12/. The accuracy class of the meters complies with the "Communiqué for Measurement Devices used in the Electricity Market" /19/. Installed capacity of the hydro power plant after the implementation of the project activity (Cap_{PJ}): The parameter is measured in MW and it is monitored through the Generation License /13/. Therefore, measurement equipment is not used. Area of the regulation pond measured in the surface of the water, after the implementation of the project activity, when the reservoir is full (A_{PJ}): The parameter is monitored through the technical drawing /17/. Therefore, measurement equipment is not used.		OK
C.3.3 Is the measuring/reading/recording frequency adequate for all monitoring parameters? Is it in line with the registered monitoring plan?	/1/ /2/ /6/	DR, I	Quantity of net electricity generation supplied by the project to the grid in year y (EG_{P,y}): The electricity generation supplied to the grid and electricity consumption from the grid is monitored continuously by two unit meters and recorded monthly as verified during the site visit. Monitoring frequency is in line with the applied methodology /6/.		OK

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
			and registered VCS PD /1/. Installed capacity of the hydro power plant after the implementation of the project activity (Cap_{PJ}): The parameter is monitored yearly in line with the applied methodology /6/ and registered VCS PD /1/. Area of the regulation pond measured in the surface of the water, after the implementation of the project activity, when the reservoir is full (A_{PJ}): The parameter is monitored yearly in line with the applied methodology /6/ and registered VCS PD /1/.		
C.4 Calibration requirements					
C.4.1 Are the requirements for maintenance and calibration of measurement equipment described and deemed appropriate?	/1/ /2/ /12/ /18/	DR, CC	TEIAS is responsible for calibration and maintenance of the meters as per the registered VCS PD /1/. The project owner has no control on the meters since the meters are sealed by the TEIAS as confirmed during the site visit. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. The meters were tested by the electricity transmission company at the project site on 28/05/2010 after the meters were installed /12/. As per the "Regulation of Metering and Testing of Metering Systems" /18/, the meters shall be calibrated every 10 years. The calibration of meters is deemed appropriate and in compliance with the national regulation.		OK
C.4.2 Does the calibration cover the monitoring period?	/1/ /2/ /12/ /18/	DR, CC	TEIAS is responsible for calibration and maintenance of the meters as per the registered VCS PD /1/. The meters were tested by the electricity transmission company at the project site on 28/05/2010 after the meters were installed /12/. As per the "Regulation of Metering and Testing of Metering Systems" /18/, the meters shall be calibrated every 10 years.		OK

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
C.4.3 Has the calibration frequency been respected?	/1/ /2/ /12/ /18/	DR, CC	The meters were tested by the electricity transmission company at the project site on 28/05/2010 after the meters were installed /12/. As per the "Regulation of Metering and Testing of Metering Systems" /18/, the meters shall be calibrated every 10 years. The calibration of meters is deemed appropriate and in compliance with the national regulation.		OK
C.4.4 In case of delay, describe the applied maximum permissible error	/1/ /2/ /12/ /18/	DR, CC	Please refer to Section C.4.3 of this protocol.		OK
C.5 Monitoring of the sustainable indicators					
C.5.1 Is the monitoring of sustainable development indicators/environmental impacts warranted by legislation in the Host Country?	/1/	DR	The monitoring of sustainable development indicators is not requested by the legislation in the Host Country.		OK
C.6 Management system and quality control					
C.6.1 How has it been assessed that the monitoring arrangements described in the monitoring plan are feasible within the project design?	/1/ /2/	DR, I	An on-site inspection has been performed on 09/07/2012 and it has been confirmed that the monitoring arrangements in the monitoring plan are feasible within the project design.		OK
C.6.2 Are procedures identified for day-to-day record handling (including what records to keep, storage area of records and how to process performance documentation)? Will all monitored data required for verification and issuance be kept for two years after the end of the crediting period or the last issuance of CERs, for this project activity, whichever occurs later?	/1/ /2/ /6/	DR, CC, I	The electricity generation supplied to the grid and electricity consumption from the grid is read remotely from the electricity meters by Automatic Meter Reading System (OSOS) by the TEIAS. TEIAS informs the plant manager by e-mail, the OSF Form is sent to plant manager. The plant manager checks the records and reports to Operation Manager who is VER coordinator. The collected data during the monitoring period will be kept by the project owner at least two years after end of the last crediting period as stated in the registered VCS PD /1/ and monitoring report /2/ in line with the ACM0002 version 10 of 28/05/2009 /6/.		OK
C.6.3 Are the data management and quality assurance and quality control procedures sufficient to ensure that the emission	/1/ /2/	DR, I	The generated electricity is measured by two meters that were sealed by TEIAS. The project owner has no control on the meters.		OK

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
reductions achieved by/resulting from the project can be reported ex post and verified?			The electricity generation supplied to the grid and electricity consumption from the grid is stored by PMUM on the web site. The Project owner has an ID and password to access this data on the web site. The collected data during the monitoring period will be kept by the project owner at least two years after end of the last crediting period.		
C.6.4 Are the responsibilities and authorities for monitoring and reporting in accordance with the responsibilities and authorities stated in the monitoring plan?	/11/2/	DR, I	The responsibilities and authorities for monitoring and reporting are in accordance with the responsibilities and authorities stated in the monitoring plan presented in the in the registered VCS PD /1/ as confirmed through the interviews. Plant Manager (Electrical Engineer) is responsible for compliance with VER monitoring plan. Accounting Manager is responsible for providing data about electricity invoices to Operation Manager. Operation Manager is the VER coordinator and responsible for emission reduction calculations and preparing monitoring report.		OK
C.6.5 Does data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	/11/2/	DR, I	The data management (from monitoring equipment to emission reduction calculation) ensures correct transfer of data and reporting of emission reductions.		OK
D.1 Assessment of data and calculation of emission reductions / Accuracy of emission reduction calculations					
D.1.1 How were the values in the monitoring report verified and cross-checked?	/2/ /8/ /13/ /15/ /16/ /17/		Quantity of net electricity generation supplied by the project to the grid in year y (EG_{P,y}): The net electricity generation is based on PMUM records /15/ and crosschecked with OSF forms /16/. The verified electricity generation is in line with the emission reduction excel sheet /8/. Installed capacity of the hydro power plant after the implementation of the project activity (Cap_{P,y}): The parameter is measured in MW and it is monitored through the Generation License /13/.		OK

Checklist Question	Reference	MoV ¹	Comments	Draft Conclusion	Final Conclusion
			The installed capacity is 92.96 MWm. Also the equipment label was seen during the site visit. Area of the regulation pond measured in the surface of the water, after the implementation of the project activity, when the reservoir is full (APJ): The parameter is monitored through the technical drawing /17/.		
D.1.2 If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	/1/ /2/ /6/ /8/	DR	The emission reduction calculations are based on the data measured using calibrated meters of adequate accuracy. Apart from the ex-ante emissions factor, no other assumption is used in these calculations in line with the ACM0002 version 10 of 28/05/2009 /6/ and registered VCS PD /1/.		OK
D.1.3 Emission reductions reported	/2/ /8/	DR	The emission reduction reported in the Monitoring Report is not correct since there is an unit error in the emission reduction excels sheet /8/. Also, the emission reduction is not clearly presented in the monitoring report, only the excel tables are inserted.	CAR-3	OK
D.1.4 Difference between the emission reductions estimated in the registered VCS PD and the emission reductions reported for the monitoring period.	/2/ /8/	DR	The emission reduction reported in the Monitoring Report is not correct since there is an unit error in the emission reduction excels sheet /8/. Also, the emission reduction is not clearly presented in the monitoring report, only the excel tables are inserted.	CAR-3	OK

TABLE 2 RESOLUTION OF CORRECTIVE ACTION REQUESTS AND CLARIFICATION REQUESTS

Corrective action and/ or clarification requests	Reference to Table 2	Response by project participants	Verification Conclusion
CAR 1 The following issues do not comply with the VCS Monitoring Report Template /9/. - The contact presented at the cover page does not include website - The Section 1.2 does not indicate whether the project is a grouped project. - The Section 1.3 does not include roles/responsibilities for the project proponent(s).	A.3	Response to Review 1 - Website is "www.sankoenjeri.com.tr" added to cover page - Related information added to Monitoring Report. - Related information added in to the Monitoring Report.	- The web site is inserted. - It is mentioned under Section 1.2 of the Monitoring Report version 02 that the project is not a grouped project /2/. - The roles and responsibilities are defined under Section 1.3 of the Monitoring Report version 02 /2/. The revision of the monitoring report and the explanations provided by the PP can be considered satisfactory, thus the CAR 1 is closed.
CAR 2 <i>Quantity of net electricity generation supplied by the project to the grid in year y:</i> The notation defined as $EG_{facility,y}$ in the monitoring report is not in line with the registered VCS PD /1/.	C.3.1	Response to Review 1 - Relevant word is corrected.	The notation is defined as $EG_{P,y}$ which is in line with the registered VCS PD /1/. The revision of the monitoring report and the explanations provided by the PP can be considered satisfactory, thus the CAR 2 is closed.
CAR 3 The emission reduction reported in the Monitoring Report is not correct since there is an unit error in the emission reduction excels sheet /8/. Also, the emission reduction is not clearly presented in the monitoring report, only the excel tables are inserted.	D.1.3 D.1.4	Response to Review 1 - Excel sheet is corrected. - Emission reduction tables inserted in to the monitoring report.	The emission reduction calculation sheet is revised and emission reduction is presented in the Monitoring Report version 02 /2/. The revision of the monitoring report and emission reduction excel sheet can be considered satisfactory, thus the CAR 3 is closed.
CL 1 The version and issuance date of report are available at cover page of Monitoring Report	A.1	Response to Review 1 - The related part is corrected.	The version and issuance date is revised accordingly. The revision of the monitoring report can be

Corrective action and/ or clarification requests	Reference to Table 2	Response by project participants	Verification Conclusion
version 03 of 10/10/2011 /2/. However, since the report was submitted in June 2012, the version and date of the verification report is not reasonable. This comment should be taken into consideration for following versions. The monitoring period given in the cover page of Monitoring Report version 03 of 10/10/2011 /2/ is not correct.			considered satisfactory, thus the CL 1 is closed.
CL 2 The following methodological tools are applied for the registered project activity: "Tool to calculate the emission factor for an electricity system, Version 01.1 of 29/07/2008 /10/". The additional tool applied in the registered VCS PD is not given in the Monitoring Report version 03 of 10/10/2011 /2/.	B.4	Response to Review 1 - Version of Monitoring report and date is corrected. - Additional tool information is added in to the Monitoring Report.	Additionality tool is included to the Monitoring Report version 02 /2/. The revision of the monitoring report can be considered satisfactory, thus the CL 2 is closed.