

# VERIFICATION REPORT CEP CARBON EMISSIONS PARTNERS S.A.

# VERIFICATION OF THE JI PROJECT

MODERNIZATION AND TECHNICAL REEQUIPMENT OF PJSC «DONBASENERGO» TPP»

Second periodic

for the period 01/01/2012 – 31/12/2012 REPORT NO. UKRAINE-VER/0917/2013

REVISION NO. 02

BUREAU VERITAS CERTIFICATION



		Organizational unit:
29/01/2013		Bureau Veritas Certification
		Holding SAS
Client:		Client ref.:
CEP CARBON EMISS	ONS	Fabian Knodel
PARTNERS S.A.		
Summary:		
		e second periodic verification for the period from January 1, 2012 t
		n and technical reequipment of PJSC «Donbasenergo» TPP» project ERS S.A., located in the Donetsk region, Ukraine, and applying .
		CC criteria for the JI, as well as criteria given to provide for consister
		ng. UNFCCC criteria (but for the crediting period) refer to Article 6 of
the Kyoto Protocol, the JI ru	les and modali	lities and the subsequent decisions by the JI Supervisory Committee
as well as the host country		
		iodic independent review and ex post determination by the Accredite
		G emissions during defined verification period, and consisted of th
		f the monitoring report against project design and the baseline an
		vith project stakeholders; iii) resolution of outstanding issues and th
		t and opinion. The overall verification, from Contract Review t cted using Bureau Veritas Certification internal procedures.
		ess is a list of Clarification, Corrective Actions Requests, Forwar
Actions Requests (CR, CAR		
		confirms that the project is implemented as planned and described i
		talled equipment that is essential for generating emission reduction
		ely. The monitoring system is in place and the project is generatin
		nission reduction is calculated without material errors and the ERU
		uivalent for the monitoring period from 01/01/2012 to 31/12/2012.
		G emissions and resulting GHG emission reductions reported an and monitoring plan, and its associated documents.
related to the approved pro	lect baseline al	ind monitoring plan, and its associated documents.
Report No.:	Subject Group:	
UKRAINE-ver/0917/2013	JI	
Project title:		
Project title: Modernization and technic		nt of PJSC
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Project title: Modernization and technic		nt of PJSC
Project title: Modernization and technic		nt of PJSC
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Project title: Modernization and technic «Donbasenergo» TPP» Work carried out by: Oleg Skoblyk – Team Lead	cal reequipmen	
Project title: Modernization and technic «Donbasenergo» TPP» Work carried out by: Oleg Skoblyk – Team Lead Verifier	cal reequipmen	tange Lead
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#### 1 INTRODUCTION

CEP CARBON EMISSIONS PARTNERS S.A. has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI project "Modernization and technical reequipment of PJSC «Donbasenergo» TPP» (hereafter called "the project") located in the Donetsk region, Ukraine.

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

The verification covers the period from January 1, 2012 to December 31, 2012.

### 1.1 Objective

Verification is the periodic independent review and ex post determination by the Accredited Independent Entity of the monitored reductions in GHG emissions during defined verification period.

The objective of verification can be divided in Initial Verification and Periodic Verification.

UNFCCC criteria refer to Article 6 of the Kyoto Protocol, the JI rules and modalities and the subsequent decisions by the JI Supervisory Committee, as well as the host country criteria.

#### 1.2 Scope

The verification scope is defined as an independent and objective review of the project design document, the project's baseline study, and monitoring plan, and monitoring report and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations.

The verification is not meant to provide any consulting towards the Client. However, stated requests for clarifications, corrective and/or forward actions may provide input for improvement of the project monitoring towards reductions in the GHG emissions.



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#### **1.3 Verification Team**

The verification team consists of the following personnel:

Oleg Skoblyk

Bureau Veritas Certification Team Leader, Climate Change Lead Verifier

Vyacheslav Yeriomin Bureau Veritas Certification Team Member, Climate Change Lead Verifier

This verification report was reviewed by:

Ivan Sokolov Bureau Veritas Certification, Internal Technical Reviewer

Sergii Verteletskiy Bureau Veritas Certification, Technical expert

# 2 METHODOLOGY

The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

In order to ensure transparency, a verification protocol was customized for the project, according to the version 01 of the Joint Implementation Determination and Verification Manual, issued by the Joint Implementation Supervisory Committee at its 19 meeting on 04/12/2009. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from verifying the identified criteria. The verification protocol serves the following purposes:

- It organizes, details and clarifies the requirements a JI project is expected to meet;
- It ensures a transparent verification process where the verifier will document how a particular requirement has been verified and the result of the verification.

The completed verification protocol is enclosed in Appendix A to this report.

#### 2.1 Review of Documents

The Monitoring Report (MR) submitted by CEP CARBON EMISSIONS PARTNERS S.A. and additional background documents related to the project design and baseline, i.e. country Law, Project Design Document (PDD), Approved CDM methodology, Determination Report of the project



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issued by Bureau Veritas Certification Holding SAS No. UKRAINEdet/0723/2012 as of 11/10/2012, Guidance on criteria for baseline setting and monitoring, Host party criteria, the Kyoto Protocol, Clarifications on Verification Requirements to be Checked by an Accredited Independent Entity were reviewed.

The verification findings presented in this report relate to the Monitoring Report for the period from 01/01/2012 to 31/12/2012 version 01 of January 21, 2013 and version 02 of February 25, 2013 and the project as described in the determined PDD.

#### 2.2 Follow-up Interviews

On 27/02/2013 Bureau Veritas Certification verification team conducted a visit to the project site (PJSC «Donbasenergo»») and performed (on-site) interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of CEP CARBON EMISSIONS PARTNERS S.A. and PJSC «Donbasenergo»» were interviewed (see References). The main topics of the interviews are summarized in Table 1.

Interviewed organization	Interview topics		
PJSC «Donbasenergo»»	<ul> <li>Organizational structure</li> <li>Responsibilities and authorities</li> <li>Roles and responsibilities relating to data collection and processing</li> <li>Equipment installation</li> <li>Data logging archiving and reporting</li> <li>Metering equipment control</li> <li>Metering record keeping system, database</li> <li>IT management</li> <li>Personnel training</li> <li>Quality control procedures and technology</li> <li>Internal audit and inspections</li> </ul>		
Consultant: CEP CARBON EMISSIONS PARTNERS S.A.	<ul> <li>Baseline methodology</li> <li>Monitoring plan</li> <li>Monitoring report</li> <li>Deviations from the PDD</li> </ul>		

Table 1	Interview	topics
---------	-----------	--------

# 2.3 Resolution of Clarification, Corrective and Forward Action Requests

The objective of this phase of the verification is to raise the requests for corrective actions and clarification and any other outstanding issues that



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needed to be clarified for Bureau Veritas Certification positive conclusion on the GHG emission reduction calculation.

If the Verification Team, in assessing the monitoring report and supporting documents, identifies issues that need to be corrected, clarified or improved with regard to the monitoring requirements, it should raise these issues and inform the project participants of these issues in the form of:

(a) Corrective action request (CAR), requesting the project participants to correct a mistake that is not in accordance with the monitoring plan;

(b) Clarification request (CL), requesting the project participants to provide additional information for the Verification Team to assess compliance with the monitoring plan

(c) Forward action request (FAR), informing the project participants of an issue, relating to the monitoring that needs to be reviewed during the next verification period.

The Verification Team will make an objective assessment as to whether the actions taken by the project participants, if any, satisfactorily resolve the issues raised, if any, and should conclude its findings of the verification.

To guarantee the transparency of the verification process, the concerns raised are documented in more detail in the verification protocol in Appendix A.

#### **3 VERIFICATION CONCLUSIONS**

In the following sections, the conclusions of the verification are stated.

The findings from the desk review of the original monitoring documents and the findings from interviews during the follow up visit are described in the Verification Protocol in Appendix A.

The Clarification, Corrective and Forward Action Requests are stated, where applicable, in the following sections and are further documented in the Verification Protocol in Appendix A. The verification of the Project resulted in 3 Corrective Action Requests and 1 Clarification Requests.

The number between brackets at the end of each section corresponds to the DVM paragraph.





#### 3.1 Remaining issues and FARs from previous verifications

There aren't any CLs, CARs and FARs from previous verifications.

#### 3.2 **Project approval by Parties involved (90-91)**

The project was approved by the host Party (Ukraine) - the Letter of Approval No. 3409/23/7 dated 13/11/2012 issued by the State Environmental Investment Agency of Ukraine. The project was also approved by the party – buyer of the emission reduction units (Switzerland) - Letter of Approval No.J294-0485 dated 24/10/2012 issued by the Federal Office for the Environment FOEN of Switzerland.

The abovementioned written approvals are unconditional.

The identified areas of concern as to the project approval by the parties involved, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR 01).

#### 3.3 **Project implementation (92-93)**

The main purpose of the Joint Implementation Project (hereinafter - JIP) entitled "Modernization and technical reequipment of PJSC "Donbasenergo" TPP" is reduction of greenhouse gas emissions by modernization of technological equipment used in the course of electricity generation at TPP.

Prior to the proposed project PJSC "Donbasenergo" implemented only measures aimed at maintaining the main technological equipment in working order. Factors that hindered the modernization work:

- 1. Limited financing of existing system modernization work.
- 2. Underdeveloped regulatory base, which was unable to regulate the functionality for implementation of energy-efficient measures in the system of heat and electricity generation.

The project provides for the modernization of technological equipment based on the use of more efficient production technologies and equipment. As a result the project implementation will increase fuel consumption efficiency and will reduce greenhouse gas emissions compared to baseline scenario.

28/01/2000 – date when PJSC "Donbasenergo" started implementation of project measures in introducing of modernization of technological equipment and improvement of its efficiency, reliability and safety rates.



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This Monitoring Report presents emission reductions achieved during the period of 01/01/2012 - 31/12/2012. Status of the project activity implementation complies with the project plan included in the determined PDD version 02. Detailed information on the status of realization and main stages of implementation of the project activities is presented in Annex 2 of the MR.

The monitoring system is in place.

Monitoring equipment, such as natural gas meters meets industry standards of Ukraine. All monitoring equipment is included in the detailed verification (calibration) plan and tested at intervals prescribed by the manufacturers of such equipment.

The identified areas of concern as to the project implementation, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report.

# 3.4 Compliance of the monitoring plan with the monitoring methodology (94-98)

The monitoring occurred in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website.

For calculating the emission reductions, key factors such as net caloric value of reference fuel, total amount of reference fuel combustion, total amount of supplied electricity, coefficient of the carbon content in fuel "i", carbon oxidation factor in the course of fuel "i" combustion, percentage of fuel "i" from consumption of reference fuel and factors influencing the baseline emissions and the activity level of the project and the emissions as well as risks associated with the project were taken into account, as appropriate.

Data sources used for calculating emission reductions are clearly identified, reliable and transparent.

Emission factors, including default emission factors, are selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice.

The calculation of emission reductions is based on conservative assumptions and the most plausible scenarios in a transparent manner.



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The monitoring periods per component of the project are clearly specified in the monitoring report and do not overlap with those for which verifications were already deemed final in the past.

The identified areas of concern as to the compliance of the monitoring plan with the monitoring methodology, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR 02, CL 01).

#### 3.5 Revision of monitoring plan (99-100)

Not applicable.

#### 3.6 Data management (101)

The data and their sources, provided in monitoring report, are clearly identified, reliable and transparent.

The implementation of data collection procedures is in accordance with the monitoring plan provided in the PDD, including the quality control and quality assurance procedures.

The function of the monitoring equipment, including its calibration status, is in order.

According to the current Law "On metrology and metrological activity", all metering equipment in Ukraine shall meet the specified requirements of relevant standards and is subject to periodic calibration. Intercalibration periods are stated in Annex 2 of the MR.

The project complies with the legislative requirements relating to calibration and verification.

The evidence and records used for the monitoring are maintained in a traceable manner.

Operational structure and management structure, which is used to implement the project is given below:

Subdivisions of enterprise: Slovyanska TPP.



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Figure 1 The operational and management structure of JIP

The main source of data necessary for the operator to monitor and calculation GHG emission reductions to the project activity is a form Form №3-tech-TPP. The Ministry of Fuel and Energy of Ukraine "Technical and economic work indicators of equipment"

All necessary data concerning GHG emission reduction monitoring is archived in paper and/or electronic form and kept till the end of the crediting period and for two years after the latest transaction with emission reduction units.

The Monitoring Report version 02 provides sufficient information on duties assigned, responsibility and authorities concerning implementation and undertaking of monitoring procedures, including data management. The verification team confirms the efficiency of the existing management and operational systems and considers them appropriate for reliable project monitoring.

The identified areas of concern as to the data management, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR 03).

### 3.7 Verification regarding programmes of activities (102-110)

Not applicable.

#### **4 VERIFICATION OPINION**

Bureau Veritas Certification has performed the second periodic verification for the period from January 1, 2012 to December 31, 2012 of the "Modernization and technical reequipment of PJSC «Donbasenergo»



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TPP» project in Ukraine, which applies JI specific approach. The verification was performed on the basis of UNFCCC criteria and host country criteria and also on the criteria given to provide for consistent project operations, monitoring and reporting.

The verification consisted of the following three phases: i) desk review of the monitoring report against the project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.

PJSC «Donbasenergo»» management is responsible for the preparation of data which serve as the basis for estimation of GHG emission reductions. CEP CARBON EMISSIONS PARTNERS S.A. provides PJSC «Donbasenergo»» with consultative support in the issues relating to organization of data collection and is responsible for developing the monitoring report based on the Project Monitoring Plan included in the final PDD version 02.

Bureau Veritas Certification verified the Project Monitoring Report version 02 for the reporting period from 01/01/2012 to 31/12/2012 as indicated below. Bureau Veritas Certification confirms that the project is implemented as per approved PDD version. Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions.

Emission reductions achieved by the project for the period from 01/01/2012 to 31/12/2012 do not differ from the amount predicted for the same period in the determined PDD. This is explained by the fact that at the time of the PDD development all data were available for accurate calculation of GHG emission reductions of the project.

Bureau Veritas Certification can confirm that the GHG emission reduction is calculated without material misstatements. Our opinion relates to the project's GHG emissions and resulting GHG emissions reductions reported and related to the approved project baseline and monitoring, and its associated documents. Based on the information we have seen and evaluated, we confirm the following statement:

<u>Reporting period</u>: From 01/01/2012 to 31/12/2012

Baseline emissions	:3 480 018 tonnes of CO2 equivalent.
Project emissions	:2 889 556 tonnes of CO2 equivalent.
Emission Reductions	:590 462 tonnes of CO2 equivalent.



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#### **5 REFERENCES**

#### Category 1 Documents:

Documents provided by the project participants that relate directly to the GHG components of the project.

	Monitoring Report of the JI project "Modernization and technical
/1/	reequipment of PJSC «Donbasenergo» TPP» for the period from
/ 1/	01/01/2012 to 31/12/2012 version 01 dated 21/01/2013
/2/	Monitoring Report of the JI project "Modernization and technical reequipment of PJSC «Donbasenergo» TPP» for the period from
121	01/01/2012 to 31/12/2012 version 02 dated 25/02/2013
	Annex 1. Calculation of GHG emission reductions under the project
/3/	"Modernization and technical reequipment of PJSC
/0/	«Donbasenergo» TPP»
	Annex 2. Implementation of project activities under the project
/4/	"Modernization and technical reequipment of PJSC
, ,	«Donbasenergo» TPP»
	Annex 3. List of measuring equipment under the project
/5/	"Modernization and technical reequipment of PJSC
	«Donbasenergo» TPP»
1-1	Project Design Document of the project "Modernization and
/6/	technical reequipment of PJSC «Donbasenergo» TPP», version 02
	dated 21/09/2012
	Determination Report of the project "Modernization and technical reequipment of PJSC «Donbasenergo» TPP» No. UKRAINE-
/7/	det/0723/2012 as of 11/10/2012 issued by Bureau Veritas
	Certification
	Letter of Approval of the Joint Implementation project
/8/	"Modernization and technical reequipment of PJSC
/0/	«Donbasenergo» TPP» # 3409/23/7 of 13/11/2012 issued by State
	Environmental Investment Agency of Ukraine
	Letter of Approval of the JI project "Modernization and technical
/9/	reequipment of PJSC «Donbasenergo» TPP» # J294-0485 issued
	by the Federal Office for the Environment of Switzerland dated
	24/10/2012

#### Category 2 Documents:

Background documents related to the design and/or methodologies employed in the design or other reference documents.

, , ,	Form 2 TP (air) TPP 2012
/2/	Form 2 TP (water) TPP 2012



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/3/	Acceptance of construction works dated 2012
/4/	Acceptance of construction works dated 2012
/5/	Photo of measuring equipment
/6/	Photo of modernized equipment

#### Persons interviewed:

List of persons interviewed during the verification or persons that contributed with other information that are not included in the documents listed above.

	Name	Organization	Position
/1/	Unhuryan O.M.	PJSC «Donbasenergo»	Director of the structural unit of PJSC "Donbasenergo" " Slovyanska TPP"
/2/	Penkov V.V.	PJSC «Donbasenergo»	Chief Engineer - Deputy Director
/3/	Zelensky S.A.	PJSC «Donbasenergo»	Head of production department
/4/	Bondarenko R.U.	PJSC «Donbasenergo»	Chief of fuel and transport department
/5/	Sharpan O.M.	PJSC «Donbasenergo»	Chief of Electrical department
/6/	Palamarchuk D.O.	LLC "CEP"	CEP CARBON EMISSIONS PARTNERS S.A. Consultant



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#### APPENDIX A: PROJECT VERIFICATION PROTOCOL

#### BUREAU VERITAS CERTIFICATION HOLDING SAS

#### **VERIFICATION PROTOCOL**

# Table 1. Check list for verification, according to the JOINT IMPLEMENTATION DETERMINATION AND VERIFICATION MANUAL (Version 01)

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
Project appr	ovals by Parties involved			
90	Has the DFPs of at least one Party involved, other than the host Party, issued a written project approval when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest?	party (Ukraine) and the other Party involved (Switzerland). The Letters of Approval were issued by	CAR 01	ОК
91 Brojast imple	Are all the written project approvals by Parties involved unconditional?	Yes, all the written project approvals by Parties involved are unconditional.	OK	OK
Project imple		Vac the project has been implemented in	OK	OK
92	Has the project been implemented in accordance with the PDD regarding which the determination has been deemed final and is so listed on the			UK



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	UNFCCC JI website?			
93	What is the status of operation of the project during the monitoring period?	Starting date of the project is 28/01/2000 – date when PJSC «Donbasenergo» started implementation of project measures in introducing of modernization of technological equipment and improvement of its efficiency, reliability and safety rates. The Project has been operational for the whole monitoring period, which is 01/01/2012-31/12/2012.	OK	OK
Compliance	with monitoring plan			
94	Did the monitoring occur in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website?	changes in deviations from the registered PDD took	CL 01	OK
95 (a)	For calculating the emission reductions or enhancements of net removals, were key factors, e.g. those listed in 23 (b) (i)- (vii) of the DVM, influencing the baseline emissions or net removals and the activity level of the project and the emissions or removals as well as risks associated with the project taken into account, as appropriate?	as appropriate.	ОК	ОК



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
95 (b)	Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent?	Data sources used for calculating emission reductions or enhancements of net removals are clearly identified, reliable and transparent. <b>CAR 02.</b> In Table 3 and 4 Section B.2.2. Provide information on sources of data for the monitoring parameters.	CAR 02	OK
95 (c)	Are emission factors, including default emission factors, if used for calculating the emission reductions or enhancements of net removals, selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice?	factors, that are used for calculating the emission reductions or enhancements of net removals, are selected by carefully balancing accuracy and reasonableness, and appropriately justified of the	ОК	ОК
95 (d)	Is the calculation of emission reductions or enhancements of net removals based on conservative assumptions and the most plausible scenarios in a transparent manner?	Calculation of emission reductions is based on conservative assumptions and the most plausible scenarios in a transparent manner.	ОК	OK
96	<ul> <li>JI SSC projects only</li> <li>Is the relevant threshold to be classified as JI SSC project not exceeded during the monitoring period on an annual average basis?</li> <li>If the threshold is exceeded, is the maximum emission reduction level</li> </ul>		Not applicable	Not applicable



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	estimated in the PDD for the JI SSC project or the bundle for the monitoring period determined?			
Applicable to	o bundled JI SSC projects only			
97 (a)	Has the composition of the bundle not changed from that is stated in F-JI-SSCBUNDLE?	Not applicable	Not applicable	Not applicable
97 (b)	If the determination was conducted on the basis of an overall monitoring plan, have the project participants submitted a common monitoring report?	Not applicable	Not applicable	Not applicable
98	If the monitoring is based on a monitoring plan that provides for overlapping monitoring periods, are the monitoring periods per component of the project clearly specified in the monitoring report? Do the monitoring periods not overlap with those for which verifications were already deemed final in the past?	Not applicable	Not applicable	Not applicable
	nonitoring plan			
	nly if monitoring plan is revised by proje			
99 (a)	Did the project participants provide an appropriate justification for the proposed revision?	Not applicable.	Not applicable	Not applicable
99 (b)	Does the proposed revision improve the accuracy and/or applicability of	Not applicable	Not applicable	Not applicable



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	information collected compared to the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans?			
Data manage	ement			
101 (a)	Is the implementation of data collection procedures in accordance with the monitoring plan, including the quality control and quality assurance procedures?	· · · · · · · · · · · · · · · · · · ·	CAR 03	ОК
101 (b)	Is the function of the monitoring equipment, including its calibration status, is in order?	Yes, the function of the monitoring equipment,	OK	ОК
101 (c)	Are the evidence and records used for the monitoring maintained in a traceable manner?	5	ОК	ОК
101 (d)	Is the data collection and management system for the project in accordance with the monitoring plan?	The data collection and management system for the project is in accordance with the monitoring plan. The verification team confirms the effectiveness of the existing management and operating systems and considers them suitable for reliable monitoring of the project.	ОК	OK
Verification I	regarding programs of activities (additio	nal elements for assessment)		
102	Is any JPA that has not been added to the JI PoA not verified?	Not applicable	Not applicable	Not applicable
103	Is the verification based on the	Not applicable	Not	Not



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	monitoring reports of all JPAs to be verified?		applicable	applicable
103	Does the verification ensure the accuracy and conservativeness of the emission reductions or enhancements of removals generated by each JPA?	Not applicable	Not applicable	Not applicable
104	Does the monitoring period not overlap with previous monitoring periods?	Not applicable	Not applicable	Not applicable
105	If the AIE learns of an erroneously included JPA, has the AIE informed the JISC of its findings in writing?	Not applicable	Not applicable	Not applicable
Applicable to	o sample-based approach only			
106	Does the sampling plan prepared by the AIE: (a) Describe its sample selection, taking into account that: (i) For each verification that uses a sample-based approach, the sample selection shall be sufficiently representative of the JPAs in the JI PoA such extrapolation to all JPAs identified for that verification is reasonable, taking into account differences among the characteristics of JPAs, such as: - The types of JPAs;	Not applicable	Not applicable	Not applicable



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	<ul> <li>The complexity of the applicable technologies and/or measures used;</li> <li>The geographical location of each JPA;</li> <li>The amounts of expected emission reductions of the JPAs being verified;</li> <li>The number of JPAs for which emission reductions are being verified;</li> <li>The length of monitoring periods of the JPAs being verified; and</li> <li>The samples selected for prior</li> </ul>			
107	verifications, if any? Is the sampling plan ready for publication through the secretariat along with the verification report and supporting documentation?	Not applicable	Not applicable	Not applicable
108	Has the AIE made site inspections of at least the square root of the number of total JPAs, rounded to the upper whole number? If the AIE makes no site inspections or fewer site inspections than the square root of the number of total JPAs, rounded to the upper whole number, then does the AIE provide a reasonable explanation and justification?	Not applicable	Not applicable	Not applicable
109	Is the sampling plan available for	Not applicable	Not	Not



DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	submission to the secretariat for the JISC's ex ante assessment? (Optional)		applicable	applicable
110	If the AIE learns of a fraudulently included JPA, a fraudulently monitored JPA or an inflated number of emission reductions claimed in a JI PoA, has the AIE informed the JISC of the fraud in writing?		Not applicable	Not applicable



#### VERIFICATION REPORT

#### TABLE 2. RESOLUTION OF CORRECTIVE ACTION AND CLARIFICATION REQUESTS

Draft report clarifications and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
<b>CAR 01.</b> Please, provide detailed information on the Letters of Approval issued by the parties involved in the monitoring report.	90	The project obtained written approval from Ukraine (the Host country) on 13/11/2012 (Letter of Approval № 3409/23/7, issued by the State Environmental Investment Agency).	CAR 01 is closed as necessary corrections were made in the MR version 02.
<b>CAR 02</b> . In Table 3 and 4 Section B.2.2. Provide information on sources of data for the monitoring parameters.	95 (b)	Necessary information was provided.	CAR 02 is closed as necessary corrections were made.
<b>CAR 03</b> . The incorrect information about another project is provided in Section C.3. of the MR.	101 (a)	The incorrect information was deleted.	CAR 03 is closed as necessary corrections were made.
<b>CL 01.</b> Please provide a clarification whether any changes in deviations from the registered PDD took place.	94	There aren't any deviations from or changes in the registered PDD.	CL 01 is closed as necessary information was provided.