



VERIFICATION REPORT RENERGA, UAB

VERIFICATION OF THE BENAICIAI-1 WIND POWER PROJECT

MONITORING PERIOD:
30 SEPTEMBER 2010 TO 31 DECEMBER 2011

REPORT No. LITHUANIA-VER/0055/2012
REVISION No. 02

BUREAU VERITAS CERTIFICATION



VERIFICATION REPORT

Date of first issue: 06/07/2012	Organizational unit: Bureau Veritas Certification Holding SAS
Client: RENERGA, UAB	Client ref.: Diana Buceviciute, manager

Summary:

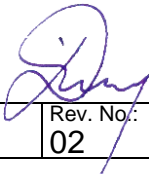
Bureau Veritas Certification has made the 1st periodic verification of the JI Track II Project "Benaiciai-1 wind power project", JI Registration Reference Number 0235, project of Renerga, UAB located near the villages of Benaiciai, Zyneliai and Pelekiai, Kretinga district, Lithuania and applying the project specific methodology, on the basis of UNFCCC criteria for the JI, as well as the criteria given to provide for consistent project operations, monitoring and reporting. 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.

The verification scope is defined as a periodic independent review and ex post determination by the Accredited Entity of the monitored reductions in GHG emissions during the defined verification period, and consisted of the following three phases: i) desk review of 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. The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

The first output of the verification process is a list of Clarification, Corrective Action Requests, Forward Action Requests (CR, CAR and FAR), presented in Appendix A.

In summary, Bureau Veritas Certification confirms that the project is implemented as planned and described in approved project design documents. The 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. The GHG emission reduction is calculated accurately and without material errors, omissions, or misstatements, and the ERUs issued totalize 67812 tons of CO₂eq for the monitoring period.

Our opinion relates to the project's GHG emissions and resulting GHG emission reductions reported and related to the approved project baseline and monitoring, and its associated documents.

Report No.: LITHUANIA-VER/0055/2012	Subject Group: JI	
Project title: Benaiciai-1 wind power project		
Work carried out by: Tomas Paulaitis: Lead Verifier		
Work reviewed by: Ashok Mammen		
Work approved by: Witold Dzugan 		
Date of this revision: 11/09/2012	Rev. No.: 02	Number of pages: 23

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1 INTRODUCTION

RENERGA, UAB has commissioned Bureau Veritas Certification to verify the emission reductions of its JI project, the Benaiciai-1 wind power project (hereafter called “the project”) located near the villages of Benaiciai and Zyneliai and Pelekiai, Kretinga district, Lithuania.

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 order includes the 1st periodic verification of the project for the period 30/09/2010-31/12/2011.

1.1 Objective

Verification is a periodic independent review and ex post determination by the Accredited Independent Entity of the monitored reductions in GHG emissions during the 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 encompasses an independent and objective review and ex-post determination of the monitored reductions in GHG emissions by the Accredited Independent Entity. The verification is based on the submitted monitoring report, the determined project design documents including its monitoring plan and determination report, previous verification reports, the applied monitoring methodology, relevant decisions, clarifications and guidance from the CMP and the JISC and any other information and references relevant to emission reductions resulting from the project activity. These documents are reviewed against the requirements of the Kyoto Protocol, the JI modalities and procedures and related rules and guidance and also against Lithuanian national JI guidelines.

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



1.3 Verification Team

The verification team consists of the following personnel:

Tomas Paulaitis

Bureau Veritas Certification Team Leader, Climate Change Verifier

Tomas Paulaitis is a lead auditor for the environment and quality management systems with over 10 years of experience and a lead GHG verifier (EU ETS, JI, CDM) with over 6 years of experience in energy, oil refinery and cement industry sectors, he was/is involved in the determination/verification of more than 50 CDM/JI projects. Tomas Paulaitis holds a Master's degree in chemical engineering.

Ashok Mammen

Bureau Veritas Certification, Internal Technical Reviewer

Bureau Veritas Certification Internal reviewer

Dr. Mammen is a lead auditor for environment, safety and quality management systems and a lead verifier and tutor for GHG projects. He has been involved in the validation and verification processes of more than 100 CDM/JI and other GHG projects.



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, the verification protocol was customized for the project, according to 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 RENERGA, UAB and additional background documents related to the project design and baseline, i.e. the country Law, Project Design Document (PDD), Approved CDM methodology (if applicable) and/or guidance on criteria for baseline setting and monitoring, Host party criteria, 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 version 2 dated 10/08/2012 and the project as described in the determined PDD version 07 dated 9 March 2010.

2.2 Follow-up Interviews

On 25/05/2012 Bureau Veritas Certification performed on-site interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of RENERGA, UAB were interviewed (see References). The main topics of the interviews are summarized in Table 1.

**Table 1 Interview topics**

Interviewed organization	Interview topics
RENERGA, UAB	Organizational structure, responsibilities and authorities Project implementation and technology Training of personnel Quality management procedures Metering equipment control Monitoring record keeping system Environmental requirements Monitoring plan Monitoring report

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

If the Verification Team 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 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 1 Corrective action Request, 1 Clarification Requests and 0 Forward Action 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

This is the first verification. There are no remaining issues and FARs from the project determination.

3.2 Project approval by Parties involved (90-91)

The written project approval by Netherlands was issued on 06/06/2011 by the DFP of that Party (NL Agency, Ministry of Economic Affairs, Agriculture and Innovation) when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest.

The above mentioned written approval is unconditional.

3.3 Project implementation (92-93)

The project involves 17 wind turbines Enercon E-82 (2,0 MW) with the total production capacity of 34 MW and the necessary infrastructure for connection to the power distribution grid.

The wind farm was connected to the grid and started to delivery electricity to the grid on September 2010 (instead of planed January 2011) because the project was completed ahead the schedule. Thus in the Monitoring report version 01 start date of the monitoring period was indicated as 30/09/2011. However, this starting date is found not in accordance with start date of the crediting period as per approved PDD (01/01/2011), therefore CAR1 was issued with request to align monitoring period starting date accordingly. Later CAR1 has been resolved, see Annex 1 for more details.



The contract for electric power dispatch was signed on 29/01/2010 with grid operator LIETUVOS ENERGIJA, AB and amended on 28/08/2010. The official commissioning document recognizing that the wind power park (including the all required infrastructure) was built according to the applicable national legislation was issued on 22/12/2011 by national authorities.

Electric power meter is installed according to the requirements of the national legislation: the accuracy class for this type of measurement devices is 0,2 s (should be not less than 0,2 s).

Hence, it can be confirmed that the project has been implemented and the equipment has been installed as specified in the PDD and according to the national legislation.

There are no project changes identified during the monitoring period. The project activity was completely operational during the monitoring period with some maintenance shutdowns declared in the monitoring report. The project has delivered 92664 to the grid in a year 2011 and exceeded the forecasted annual 86000 MWh/year capacity. CL1 was issued with request to explain the reasons of this excess in the monitoring report. Later CL 1 has been resolved, see Annex 1 for more details.



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

The approach and data sources used for the monitoring were analyzed and compared with the requirements of the monitoring plan included in the PDD version 07 regarding which the determination has been deemed final and is so listed on the UNFCCC JI website:

<http://ji.unfccc.int/UserManagement/FileStorage/HJCOZT65IX89NG3KP14LWV0DMF7EBA>

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

P_{WPP} - the difference between electricity supplied to the grid and electricity purchased from the grid at Benaiciai-1 Wind Power Project in MWh;

EF_{LE} - emission factor, t CO₂/MWh: default value (0,626 tCO₂/MWh) is used. Default emission factors value is selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice in the final PDD. There is no requirement to review this emission factor during the crediting period.

The verification team hereby confirms that calculation of emission reductions is based on the monitoring plan requirements and in a transparent manner.

3.5 Revision of monitoring plan (99-100)

Not applicable.

3.6 Data management (101)

The data collection and management system for the project is in accordance with the monitoring plan: once a month, an inspector from grid operator LITGRID, AB together with the engineer from Renerga, UAB check the commercial power metering device and write down the dispatched power quantity on the dispatch confirmation document. After power dispatch document is signed by both parties, and engineer write down the figure of dispatched power into the monitoring sheet and provides it manager to compile data in the monitoring report.

The records used for the monitoring report are kept in the central office and were provided for audit.

The verification team has reviewed the Monitoring report against monthly production reports and respectively against electricity sale and purchase invoices on 100 % sample basis. No mistakes or misstatements have been found.



3.7 Verification regarding programmes of activities (102-110)

Not applicable.



4 VERIFICATION OPINION

Bureau Veritas Certification has performed the 1st periodic verification of the „Benaiciai-1 wind power project” in Lithuania, which applies the project specific methodology. The verification was performed on the basis of UNFCCC criteria and the 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 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.

The management of RENERGA, UAB is responsible for the preparation of the data on GHG emission and the reported GHG emission reductions of the project on the basis set out within the project Monitoring and Verification Plan indicated in the final PDD version 07. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of the management of the project.

Bureau Veritas Certification verified the Project Monitoring Report version 2 dated 10/08/2012 for the reporting period as indicated below. Bureau Veritas Certification confirms that the project is implemented as planned and described in approved project design documents. The 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.

Bureau Veritas Certification can confirm that the GHG emission reduction is accurately calculated and is free of material errors, omissions or misstatements. Our opinion relates to the project’s GHG emissions and resulting GHG emission 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, with a reasonable level of assurance, the following statement:

Reporting period: From 30/09/2010 to 31/12/2011

Baseline emissions	:	67812	t CO ₂ equivalents;
Project emissions	:	0	t CO ₂ equivalents;
Emission Reductions (Year 2010)	:	9804	t CO ₂ equivalents;
Emission Reductions (Year 2011)	:	58008	t CO ₂ equivalents;

Total Emission Reductions: 67812 t CO₂ equivalents



5 REFERENCES

Category 1 Documents:

Documents provided by RENERGA, UAB that relate directly to the GHG components of the project.

- /1/ PDD "Benaiciai-1 wind power project", version 07, dated 09 March 2010
- /2/ Determination report No. LITHUANIA-DET/0014/2011, revision 03, issued by Bureau Veritas Certification Holding SAS on 25/05/2011
- /3/ Benaiciai-1 wind power park joint implementation project – 1st monitoring report, version 1, dated 03/07/2012
- /4/ Benaiciai-1 wind power park joint implementation project – 1st monitoring report, version 2, dated 10/08/2012
- /5/ Annex to Benaiciai-1 wind power park joint implementation project – 1st monitoring report, version 2, dated 11/09/2012
- /6/ Letter of Approval, issued by NL Agency, Ministry of Economic Affairs, Agriculture and Innovation on 05/06/2012

Category 2 Documents:

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

- /1/ Electric power dispatch reports and invoices, signed by Renerga, UAB and LIETUVOS ENERGIJA, AB (year 2010), LITGRID, AB (year 2011)
- /2/ Electric meters replacement report No 10-453, issued on 06/10/2012 by LIETUVOS ENERGIJA, AB
- /3/ Technical passports (with calibration records inside) for commercial electric power meters No 837641 and No 837580
- /4/ Competence and qualification documents of engineer for energy
- /5/ Contract for selling – purchasing electricity signed with LIETUVOS ENERGIJA, AB on 29/01/2010, No. 63-10, and its amendment signed on 18/08/2010, No. 553-10
- /6/ Project commissioning documents, issued by Commission of legal authorities on 22/12/2010, No. SUA-471
- /7/ Noise monitoring report, issued by National public health laboratory (Klaipeda branch) on 02/12/2010, No S-1KL-522

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.

- /1/ Egidijus Vysniauskas, engineer of energy
- /2/ Diana Buceviciute, manager



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**APPENDIX A: BENAICIAI-1 WIND POWER PROJECT VERIFICATION PROTOCOL
VERIFICATION PROTOCOL**
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 approvals 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?	The written project approval by Netherlands was issued on 06/06/2011 by the DFP of that Party (NL Agency, Ministry of Economic Affairs, Agriculture and Innovation) when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest.	O.K.	O.K.
91	Are all the written project approvals by Parties involved unconditional?	Written approval issued by Parties are unconditional.	O.K.	O.K.
Project implementation				
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 UNFCCC JI website?	<p>The project involves 17 wind turbines Enercon E-82 (2,0 MW) with the total production capacity of 34 MW and the necessary infrastructure for connection to the power distribution grid.</p> <p>The contract for electric power dispatch was signed on 29/01/2010 with grid operator LIETUVOS ENERGIJA, AB and amended on 28/08/2010. The official commissioning document recognizing that the wind power park (including the all required infrastructure) was built according to the applicable national legislation was issued on 22/12/2011 by national authorities.</p> <p>Electric power meter is installed according to the requirements of the national legislation: the accuracy class for this type of measurement devices is 0,2 s (should be not less than 0,2 s).</p> <p>CAR1: Monitoring period starting date (30/09/2010) is found not in accordance with start date of the crediting period as per approved PDD (01/01/2011).</p>	CAR1	O.K.
93	What is the status of operation of the project during the monitoring period?	There are no project changes identified during the monitoring period. The project activity was completely operational during the	CL1	O.K.



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion						
		<p>monitoring period with some maintenance shutdowns declared in the monitoring report.</p> <p>CL1: The project has delivered 92664 to the grid in a year 2011 and exceeded the forecasted annual 86000 MWh/year capacity. Please explain the reasons of this excess in the Monitoring report.</p>								
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?	<p>The approach and data sources used for the monitoring were analyzed and compared with the requirements of the monitoring plan, the PDD section D.3. The results of this analysis are described in the table below:</p> <table border="1"> <thead> <tr> <th>Requirement</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>Continuous direct measurements</td> <td></td> </tr> <tr> <td>Net electric power delivered to the grid, MWh</td> <td>O.K.</td> </tr> </tbody> </table> <p>After installing the wind-power turbones the measurements of the noise level (as required in the PDD, section D.1.5) have been undertaken by National public health laboratory (Klaipeda branch) on 02/12/2010. There is stated in the test report that noise level has been measured in all control points and has not exceeded level limited on hygiene norm HN 33:2007.</p>	Requirement	Results	Continuous direct measurements		Net electric power delivered to the grid, MWh	O.K.	O.K.	O.K.
Requirement	Results									
Continuous direct measurements										
Net electric power delivered to the grid, MWh	O.K.									
95 (a)	For calculating the emission reductions or enhancements of net removals, were key factors, e.g. those listed in 23 (b) (i)-(vii) above, 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?	See 94 b) above.	O.K.	O.K.						
95 (b)	Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent?	There is written intention in the monitoring plan to use consulting company services to revise the monitoring reports for a quality assurance. PP argued that outsourced QA measures was not used since monitoring system is quite simple with low risks and all data	O.K.	O.K.						



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
		<p>can be easily crosschecked both by PP and verifier, therefore additional outsourced consultant will not add any value for quality of data.</p> <p>This was accepted by verification team, taking into account, that:</p> <ul style="list-style-type: none"> - Power dispatch reports issued by the national grid operator are used for calculating as the initial data source. These data are produced for commercial and legal purposes and are considered to be high quality and traceability because of the financial interest of the second party. - all power dispatch reports (100 % sample size) were audited by the verification team, and compared with the data presented in the Monitoring report, and no mistakes or misstatements have been found. - additionally, data on delivered electricity amount to the grid (92690,239 MWh in a year 2011 and 15678,291 MWh in a year 2010) have been found in accordance with the data published officially on the LITGRID, AB website : http://www.litgrid.eu/index.php?1973822023 		



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
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	The default value of the emission factor has been already described in the PDD and has been confirmed in the determination report (0,626 tCO2/MWh).	O.K.	O.K.



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	choice?			
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?	See 94, 95 (a), (b), (c) above.	O.K.	O.K.
Applicable to JI SSC projects only				
96	Is the relevant threshold to be classified as JI SSC project not exceeded during the monitoring period on an annual average basis? If the threshold is exceeded, is the maximum emission reduction level estimated in the PDD for the JI SSC project or the bundle for the monitoring period determined?	Not applicable.	O.K.	O.K.
Applicable to 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.	O.K.	O.K.
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.	O.K.	O.K.
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.	O.K.	O.K.
Revision of monitoring plan				
Applicable only if monitoring plan is revised by project participant				
99 (a)	Did the project participants provide an appropriate justification for the proposed revision?	Not applicable.	O.K.	O.K.
99 (b)	Does the proposed revision improve the accuracy and/or applicability of information collected	Not applicable.	O.K.	O.K.



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion								
	compared to the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans?											
Data management												
101 (a)	Is the implementation of data collection procedures in accordance with the monitoring plan, including the quality control and quality assurance procedures?	The information/process flow is quite simple and is described in the monitoring plan. Once a month, an inspector from the national grid operator LITGRID, AB together with a representative from Renerga, UAB checks the readings of the power metering device and writes down the supplied power and the taken power quantity on the dispatch confirmation document which is then signed by both parties. These documents are used as the basis for commercial invoices where the amount of net power delivered to the grid is indicated.	O.K.	O.K.								
101 (b)	Is the function of the monitoring equipment, including its calibration status, in order?	<p>The proofs of the monitoring equipment validation status and sealing were verified and are described in the table below:</p> <table border="1" data-bbox="947 871 1601 1319"> <thead> <tr> <th data-bbox="947 871 1489 967">Measurement device, No</th> <th data-bbox="1489 871 1601 967">Calibration status</th> </tr> </thead> <tbody> <tr> <td data-bbox="947 967 1489 1086">The main commercial meter: Position T-102, two-directional power meter type EPQS 312.01, No 109144, validated on 2010 I quarter (stamp in the meter's passport)*</td> <td data-bbox="1489 967 1601 1086">O.K.</td> </tr> <tr> <td data-bbox="947 1086 1489 1206">The main commercial meter: Position T-102, two-directional power meter type EPQS 113.22, No 837641, validated on 08/07/2010 (stamp in the meter's passport)</td> <td data-bbox="1489 1086 1601 1206">O.K.</td> </tr> <tr> <td data-bbox="947 1206 1489 1319">Parallel commercial meter: Position T-102D, two-directional power meter type EPQS 113.22, No 837580, validated on 04/06/2010 (stamp in the meter's passport)</td> <td data-bbox="1489 1206 1601 1319">O.K.</td> </tr> </tbody> </table>	Measurement device, No	Calibration status	The main commercial meter: Position T-102, two-directional power meter type EPQS 312.01, No 109144, validated on 2010 I quarter (stamp in the meter's passport)*	O.K.	The main commercial meter: Position T-102, two-directional power meter type EPQS 113.22, No 837641, validated on 08/07/2010 (stamp in the meter's passport)	O.K.	Parallel commercial meter: Position T-102D, two-directional power meter type EPQS 113.22, No 837580, validated on 04/06/2010 (stamp in the meter's passport)	O.K.	O.K.	O.K.
Measurement device, No	Calibration status											
The main commercial meter: Position T-102, two-directional power meter type EPQS 312.01, No 109144, validated on 2010 I quarter (stamp in the meter's passport)*	O.K.											
The main commercial meter: Position T-102, two-directional power meter type EPQS 113.22, No 837641, validated on 08/07/2010 (stamp in the meter's passport)	O.K.											
Parallel commercial meter: Position T-102D, two-directional power meter type EPQS 113.22, No 837580, validated on 04/06/2010 (stamp in the meter's passport)	O.K.											



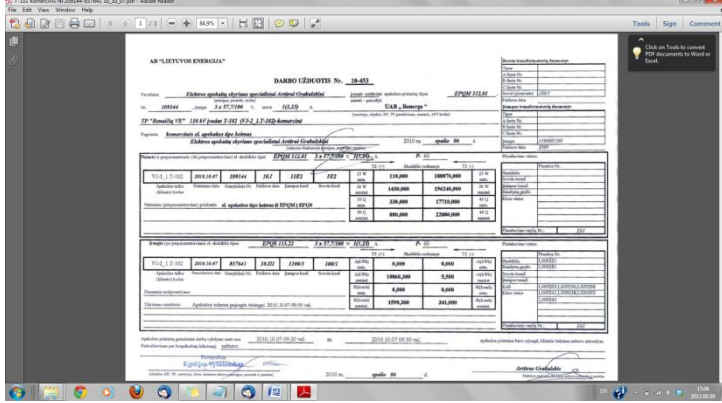
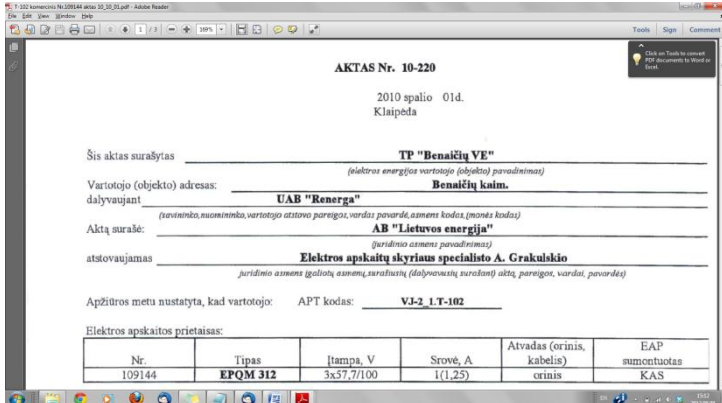
VERIFICATION REPORT

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
		<div data-bbox="947 347 1601 635" data-label="Image"> </div> <p data-bbox="943 667 1666 1002">*Is stated in the monitoring report that breakdown occurred in T-102 position on the 7th of October 2010. Broken meter was replaced with a new one on the 7th of October 2010. Energy supply was not stopped. According to the 7th of October, 2010, the Act On Accounting Of Consumed Electric Energy (In Case Of Metering Device Breakdown) №.10-220 accounting of electricity stood from the 27th of September, 2010 01:00 to the 30th of September, 2010 00:00 due to automatic energy meter breakdown and consumed electric energy in this period was calculated based on 27th -30th of September, 2010, readings of redundant meter in position T-102D.</p> <p data-bbox="943 1038 1576 1155">As a proof relevant electric meters replacement report was provided for verification No 10-453 issued by grid operator LIETUVOS ENERGIJA as well as Act On Accounting Of Consumed Electric Energy No.10-220.</p>		



BUREAU VERITAS

VERIFICATION REPORT

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
		  <p>Based on the assessment of the documents above, verification confirms that calibration status of the measurement system was found valid during the all the monitoring period.</p>		
101 (c)	Are the evidence and records used for the	See 101 (a) above.	O.K.	O.K.



VERIFICATION REPORT

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	monitoring maintained in a traceable manner?			
101 (d)	Is the data collection and management system for the project in accordance with the monitoring plan?	See 101 (a) above.	O.K.	O.K.
Verification regarding programs of activities (additional elements for assessment)				
102	Is any JPA that has not been added to the JI PoA not verified?	Not applicable.	O.K.	O.K.
103	Is the verification based on the monitoring reports of all JPAs to be verified?	Not applicable.	O.K.	O.K.
103	Does the verification ensure the accuracy and conservativeness of the emission reductions or enhancements of removals generated by each JPA?	Not applicable.	O.K.	O.K.
104	Does the monitoring period not overlap with previous monitoring periods?	Not applicable.	O.K.	O.K.
105	If the AIE learns of an erroneously included JPA, has the AIE informed the JISC of its findings in writing?	Not applicable.	O.K.	O.K.
Applicable to 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; – The complexity of the applicable technologies and/or measures used; – The geographical location of each JPA; – The amounts of expected emission reductions	Not applicable.	O.K.	O.K.



VERIFICATION REPORT

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	of the JPAs being verified; – The number of JPAs for which emission reductions are being verified; – The length of monitoring periods of the JPAs being verified; and – The samples selected for prior verifications, if any?			
107	Is the sampling plan ready for publication through the secretariat along with the verification report and supporting documentation?	Not applicable.	O.K.	O.K.
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.	O.K.	O.K.
109	Is the sampling plan available for submission to the secretariat for the JISC.s ex ante assessment? (Optional)	Not applicable.	O.K.	O.K.
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.	O.K.	O.K.



VERIFICATION REPORT

Table 2 Resolution of Corrective Action and Clarification Requests

Draft report clarifications and corrective action requests by validation team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
CAR1: Monitoring period starting date (30/09/2010) is found not in accordance with starting date of the crediting period as per approved PDD (01/01/2011).	92	Reasons are explained in the Annex of the Monitoring report version 2, monitoring period starting date is earlier than in the PDD document (01/01/2011), because the project succeeded in implementing earlier than anticipated.	Explanation was found acceptable, starting date of the crediting period can be earlier than specified starting date of the crediting period in the PDD, this is not restricted by any JI guidelines or procedures and Lithuanian national JI guidelines and does not alter determination opinion as per PROCEDURES REGARDING CHANGES DURING PROJECT IMPLEMENTATION (Version 01). Also starting date of the crediting period is not defined nor in the investor Party LoA, nor in the Host Party LoA. Hence CAR1 is closed.
CL1: The project has delivered 92664 to the grid in a year 2011 and exceeded the forecasted annual 86000 MWh/year capacity. Please explain the reasons of this excess in the Monitoring report.	93	Reasons are explained in the revised Monitoring report version 2, page 6 (net electricity to the grid in 2011 was higher than in the PD document (86,000 MWh) due to higher than average wind speed (in 2009 - 6.03 m/s, in 2010 - 6.09 m/s, in 2011 - 6.31 m / s (based SCADA) and a small duration of outages).	Provided analysis results were checked and found reasonable to explain higher delivery to the grid in a year 2011, taking in to account also that this increase was observed for most of the wind parks in the region. Hence CL1 is closed.