



Verification and certification report form for GS project activities

VERIFICATION AND CERTIFICATION REPORT

Title of the project activity	60 MW Bandirma Wind Power Plant Project
GS Reference number of the project activity	744
Version number of the verification and certification report	1.4Aa
Completion date of the verification and certification report	18/06/2018
Monitoring period number and duration of this monitoring period	1 st Period 01/08/2015 - 31/07/2017
Version number of monitoring report to which this report applies	Version 05 of 01/06/2018
Crediting period of the project activity corresponding to this monitoring period	24/07/2015 – 23/07/2022
Project participant(s)	Bandirma Enerji ve Elektrik Uretim Tic. A.S. (Private Entity, Project Owner)
Host Party	Turkey
Sectoral scope(s), selected methodology(ies)	Sectoral scope 1: Energy Industries (Renewable-/non-renewable sources) ACM0002, Consolidated baseline methodology for grid-connected electricity generation from renewable sources - Version 12.1.0
Estimated GHG emission reductions or net anthropogenic GHG removals for this monitoring period in the registered PDD	217,682 tCO ₂
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	236,637 tCO ₂
Name of DOE	RINA Services S.p.A. (RINA)
Name, position and signature of the approver of the verification and certification report	Laura SEVERINO – Sustainability & Food Certification Compliance Head 

SECTION A. Executive summary

Purpose and general description of the project

The project activity is a wind power plant consists of 20 wind turbines with a unit capacity of 3 MW each with a total installed capacity of 60 MW. The generated electricity is fed to the national grid. The estimated net electricity production is 182.7 GWh/yr and the annual emission reductions are estimated to be 108,692 tCO_{2e} per year as confirmed through the registered PDD [/1/](#).

The project activity aims to reduce the greenhouse gas emissions in Turkey by replacing fossil fuel power generation and contribute to the development of the wind energy sector in Turkey, as well as aims to support the local economy by creating local employment and providing equipment locally.

The GHG benefit of the project activity was only accounted under Gold Standard. There is not any other RECs were being issued for the project activity. Furthermore, as a host country in Turkey such any programme like a government-regulated system or programme for the constraint and monetisation of GHG emissions (such as emissions trading scheme, cap and trade or carbon tax mechanisms) has not been implemented.

Location

The project is located at 15 km east of the town and port of Bandirma District.

Scope of verification

Verification is the periodic independent review and ex-post determination by a DOE of the monitored reductions in GHG emissions that have occurred as a result of the registered GS project activity during a defined monitoring period. Certification is the written assurance by a DOE that, during a specific period in time, a project activity achieved the emission reductions as verified. The objective of this verification is to verify and certify emission reductions reported for the 60 MW Bandirma Wind Power Plant Project for the period 01/08/2015 – 31/07/2017. The scope of the verification is to verify that:

- The project activity has been implemented and operated in accordance with the registered PDD or any approved revised PDD;
- The monitoring plan, including compliance with any guidance provided by the Board regarding deviations from the provisions of a registered plan and/or methodology;
- The data and calculation of GHG emission reductions have been assessed to correctly support the emission reductions being claimed.

The verification shall ensure that reported emission reductions are complete and accurate in order to be certified.

Verification process

Verification is conducted using RINA procedures in line with the GS requirements and requirements specified in the CDM Validation and Verification Standard available at the time of the verification starts, and applying standard auditing techniques. RINA assesses and determines that the implementation and operation of the project activity, and steps taken to report emission reductions comply with the GS criteria. The verification assessment involved a document review of relevant documentation and the on-site visit.

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.

Conclusion

RINA commissioned by Bandirma Enerji ve Elektrik Uretim Tic. A.S. is performing the verification of the emission reductions reported for the project activity 60 MW Bandirma Wind Power Plant Project, GS Registration Reference No. 744 for the monitoring period 01/08/2015 – 31/07/2017, with regard to the relevant GS requirements and principles for project activities. The project was validated by Bureau Veritas (validation report N° TURKEY-VAL/CER.1368.10.C45.REV1/2010, version 04 of 10/12/2013) [/8/](#).

The GHG emission reductions are calculated on the basis of the approved methodology ACM0002, Consolidated methodology for grid-connected electricity generation from renewable sources --- Version 12.1.0 and the monitoring plan included in the registered PDD version 08 of 04/09/2012. In our opinion the GHG emission reductions reported for the project in the monitoring report version 05 of 01/06/2018 are fairly stated.

SECTION B. Verification team, technical reviewer and approver

B.1. Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Verification findings
1.	Team Leader, Verifier, Technical Expert TA 1.2	IR	Kiratli	Tugce	RINA Turkey	✓			
2	Verifier, Team Leader in training, Technical Expert TA 1.2	IR	Fulya	Ekinici Ozen	RINA Turkey	✓	✓	✓	✓

B.2. Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	IR	Liu	Huifeng	RINA China
2	Approver	IR	Severino	Laura	RINA Central Office

SECTION C. Application of materiality

C.1. Consideration of materiality in planning the verification

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Human error in the quantification of emissions (which may be more likely to occur if personnel are unfamiliar with, or not well trained regarding, emissions processes or data recording).	Low	The project proponent is familiar with monitoring procedures and data reporting in line with the registered PDD. The prime monitoring parameter is net export to grid which is as per monthly generation report as recorded in calibrated energy meters. Hence, the risk level is low.	During the site visit, the verification team will interview the staffs of the CDM team and check all records to confirm whether the monitoring plan has been well implemented. The major parameters used for determining the project's baseline emissions are the measurement of net electricity generation according to the monitoring plan is recorded monthly. The team will review the whole data set of the monthly report, and crosschecked against invoice raised. The verification team will check
2	Undue reliance on a poorly designed information system, which may have few effective quality controls.	Low	The project proponent has already established a well organized monitoring team, monitoring plan, including data collection procedure and QA/QC procedure consistent with registered monitoring plan. Monitoring equipments are calibrated at defined frequency. Hence, the risk level is low.	
3	Manual adjustment of	Low	As detailed in section C.2	

	otherwise automatically recorded activity levels.		below, the data of the main monitoring parameters are taken from calibrated meters (energy meter) and can be verified from totalizer values. The monitoring equipment's are calibrated according to national standards and rules. Hence, the risk level is low.	the relevant records to confirm whether the data collection procedure and QA/QC procedure have been well implemented.
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C.2. Consideration of materiality in conducting the verification

The project activity happens at a single site and export to grid from the plant is monitored and recorded using calibrated energy meter and 100% data is available for verification. The data which directly affect emission reduction calculations being net electricity generation is monitored and measured by calibrated electricity meters, 100% verifiable. Hence, in line with paragraph 327 and section 9.1.2.3 of the CDM Validation and Verification standard /6/ no significant reporting risks to the materiality of the verification were envisaged while planning for the verification and were not identified during the verification process. During the course of the verification, the team reviewed the whole data set of monthly records for net electricity and cross-check against invoices raised. The data reported in the monitoring report are consistent with the monthly records, and the emission reductions are correctly calculated. In conclusion, the verification team confirms the data set to be free from material error.

SECTION D. Means of verification

D.1. Desk review

The monitoring report version 05 of 01/06/2018 and previous versions /3/, the emission reduction calculations provided in the form of a spreadsheet "Bandırma_ER Calculation.v4.xlsx" version 04 submitted on 16/02/2018 and previous versions /9/, the approved baseline and monitoring methodology ACM0002 version 12.1.0 of 26/11/2010 /7/ and all the documentation provided to support the monitoring period /1 – 49/, was assessed as part of the verification. In addition, the Project Design Document (PDD) version 08 of 04/09/2012 /1/, in particular as regards the baseline estimations and the monitoring plan, the GS Passport, /2/ and the validation report revision 04 of 10/12/2013 /8/ for the project, were reviewed. The list of all documents reviewed are referenced during the verification is available in Appendix 3 below.

D.2. On-site inspection

Duration of on-site inspection: 26/07/2017				
No.	Activity performed on-site	Site location	Date	Team member
1.	Implementation and operation of the proposed project activity. Checked the monitoring equipment, 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	Bandirma District	26/07/2017	Fulya Ekinci Ozen
2.	Reviewed the information flows for generating, aggregating and reporting the monitoring parameters	Bandirma District	26/07/2017	Fulya Ekinci Ozen
3.	Checked calibration performance, reviewed calculations and assumptions made in determining the GHG data and emission reductions	Bandirma District	26/07/2017	Fulya Ekinci Ozen
4.	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	Bandirma District	26/07/2017	Fulya Ekinci Ozen
5.	Cross-checked between information provided in the monitoring report and data evidence, including the Gold Standard parameters	Bandirma District	26/07/2017	Fulya Ekinci Ozen

D.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	MERT	Engin	Life Enerji <i>Carbon Consultant</i>	26/07/2017	Implementation status of the project	Fulya Ekinci Ozen
2.	OZSAHIN	Murat	Bandirma Enerji <i>Operation technician</i>	26/07/2017	Monitoring equipments and operation Generated Electricity	Fulya Ekinci Ozen
3.	YAKUT	Can	Bandirma Enerji <i>Operation technician</i>	26/07/2017	Monitoring of Gold Standard Parameters Air Quality, Water quality and quantity, Soil condition, Biodiversity, Noise during operation, Quality of employment, Human and institutional capacity, Employment, Balance of payments and investment, Technology transfer and technological self-reliance	Fulya Ekinci Ozen
4.	YASAROGLU	Emel	Borusan Senior Engineer	26/07/2017		Fulya Ekinci Ozen
	OZ	Engin	Cakilkoy Village The Mukhtar	26/07/2017	Benefit of the project to the village	Fulya Ekinci Ozen
5.	NAR	Yilmaz	Erikli Village The Mukhtar	26/07/2017	Gold Standard Parameters such as Noise and Dust Emissions	Fulya Ekinci Ozen
6.	PARLAK	Emrah	Cakilkoy Village The Aza of Mukhtar	26/07/2017		Fulya Ekinci Ozen
7.	TEZER	Yasar	Cakilkoy Village The Local	26/07/2017	Expropriation	Fulya Ekinci Ozen

			Stakeholder			
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The project area was visited on 26/07/2017. The project employee were interviewed about the implementation status of the project, monitoring equipment and operation, generated electricity of the project activity.

During on site visit Cakiloy and Erikli Village were visited and the mukhtars of the villages and 2 local stakeholders were interviewed. As defined by the mukhtars and local stakeholders, they have no direct complaints about the project. They are in a good relationship with the project's employees. Additionally, the feedbacks received from the locals are detailed in the following sections.

D.4. Sampling approach

Not applicable.

D.5. Clarification requests, corrective action requests and forward action requests raised

Areas of verification findings	No. of CR	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form			
Compliance of the project implementation with the registered PDD	2	1	
Post-registration changes			
Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline	1		
Compliance of monitoring activities with the registered monitoring plan	4	1	
Compliance with the calibration frequency requirements for measuring instruments	2		
Assessment of data and calculation of emission reductions or net removals	2	1	
Others (please specify)			
Total	11	3	

SECTION E. Verification findings

E.1. Compliance of the monitoring report with the monitoring report form

Means of verification	The monitoring report version 05 and previous versions /3/ submitted by the PP has been the basis for starting the verification process. RINA confirms that the Monitoring report is based on the currently valid MR template /10/.
Findings	NA.
Conclusion	RINA verified that the monitoring report was completed in accordance with the CDM-MR-FORM - Monitoring report form, including its Attachment: Instructions for filling out the monitoring report form, version 06.0 /10/.

E.2. Remaining forward action requests from validation and/or previous verification

Based on the review of the Gold Standard Foundation /38/ and validation report /8/, 4 FARs were raised during the validation period.

FAR#1: The verifying DOE shall check the plantation activity at the time of first verification.

The PP promised to plant 25,000 trees to minimize its effect on nature. However, Forestry Operations Directorate would like have excavator for using planting activities instead of 25,000 tree plantation. Thus, the PP fulfilment of the tree plantation requirement through donating an excavator to Forestry Operations Directorate /25/ /27/.

Hence, FAR#1 is closed.

FAR#02: The PP shall conduct a feedback meeting with the local stakeholders during site visit of verification DOE as to find out opinions of the stakeholders on the project in particular to SD aspects but not limited to.

During the site visit verification team interviewed the locals and the mukhtar of the two villages. According to the registered GS Passport the closest village is Erikli. Mukhtar of Erikli said that Bandırma WPP has no negative impacts on them, they built their roads, and also they helped them to fight against the forest fires.

Since the main income of the locals come from the forestry activities, this is very crucial for the locals and they benefited a lot from this help. Also plant manager indicated that, they have patrols and security cameras around the plant area and the forest to check the fires and maintain the security of the lands. Because in the past there were some theft and hijack incidents but these security cameras and patrols helped especially old villagers to travel safely in the forest. These are all confirmed by the both mukhtars. Çakilkoy village mukhtar indicated that some days they could hear the noise of the turbines. But during the meeting in the coffee house there was no sound than the daily life of the village, birds and the wind. Also Çakilköy village is 2500 m away from the project site according to the registered PDD. It is hard to say that from that distance sound of the turbine will affect the daily life of the village.

During the site visit the coffee houses of the Cakilkoy (2.09 km away from the project activity site) and Erikli Village are visited by the verification team. Local stakeholders, who are presented in the section D.3 of this report, were interviewed related to SD parameters during the construction and operational phases of project activity. They all declared that the proposed project activity is very useful for the local people's employment and security of crops against fire. They also have indicated that the villagers' lands are not expropriated. They have explained that the project area was largely forestry. However, only partially negative feedbacks are received from the mukhtar of Cakilkoy Village. He said that sometimes there is noise due to weather conditions and in some places on heavy rainy days can cause water accumulations and the project may contribute these accumulations. However, any additional negative feedback is not received regarding these issues during the meeting. The project owner has promised to investigate whether this accumulation is due to the project activity or from different environmental causes. Since close to project are, trees have been cut under the control of the environment and forestry directorate to re-plant different species. It may be cause the mentioned accumulation.

The feedback received from the mukhtar regarding the noise pollution is also examined thoroughly by the verification team and as a result of that it was understood that the daily life is not affected due to noise caused by the project activity. Additionally, as per stated in the registered GS Passport, the nearest settlement is 1,800 m away (Erikli Village) from the project activity site was visited by the verification team and the mukhtar of Erikli Village is interviewed especially related to the parameter and there is no negative feedback is received. Additionally, the PP provided a Noise Impact Assessment Report prepared by the AECOM for capacity addition (capacity addition is not registered under the GS) and the assessment study demonstrated that the noise limits of the project activity will not exceed the legal regulation noise limits even if there is a capacity increase.

Hence, FAR#2 is closed and a new FAR is raised.

FAR#03: Verification DOE shall validate distance of turbines to closest settlement/house/building during first verification and shall obtain feedbacks on noise pollution from the muhtar.

Map of the project area is provided to the verification team. Closest settlement to the project area is 2.65 km. Related documents are provided to the verification team.

During the site visit, as the closest location (stated in the registered PDD) Erikli village was visited by the verification team. The mukhtar of the village was interviewed on noise pollution. No negative feedback is received regarding the noise of wind turbines. Additionally, the PP prepared a document via google map to show the details of the distance of turbines to closest settlement/house/building. According to the document the Cakilkoy Village is 2.09 km away from the project activity site and the closest location. Local stakeholders, who are presented in the section D.3 of this report, were interviewed related to SD parameters during the construction and operational phases of project activity. The mukhtar of Cakilkoy Village said that sometimes there is noise due to weather conditions but not caused directly by project activity. Nevertheless, it is examined thoroughly by the verification team and as a result of that it was understood that the daily life is not affected due to noise caused by the project activity. Additionally, the PP provided a Noise Impact Assessment Report prepared by the AECOM for capacity addition (capacity addition is not registered under the GS) and the assessment study demonstrated that the noise limits of the project activity will not exceed the legal regulation noise limits even if there is a capacity increase.

Hence, FAR#3 is closed.

FAR#04: It has been introduced for the verifying DOE to check on the status of the expropriation activities related to the energy transfer line construction.

There is no FAR4 in the registration form. Please clarify FAR4. Nevertheless, expropriation documents are provided to the DOE. As it can be seen from the documents only expropriation activity was done at the transmission line by the transmission company (TEİAŞ). The villagers' lands are not expropriated. Related documents are provided to the verification team.

The mentioned FAR has been raised by the validator in the Validation Report, section 3.6, page 23. Totally there are 4 FARs (one from validation report, 3 from GS registration process) has been introduced during the validation phase of the project activity.

During the site visit the coffee houses of the Cakilkoy and Erikli Villages were visited by the verification team. Local stakeholders, who are presented in the section D.3 of this report, were interviewed related to construction and operational phases of project activity. They declared that the proposed project activity is very useful for the local people's employment and security of crops against fire. They also have indicated that the villagers' lands are not expropriated, they have explained that the project area was largely forestry. Only expropriation was done due to the transmission line construction. These activities were carried out by the transmission company (TEİAŞ). The process was finalized and it is confirmed through relevant official documents provided to the verification team.

Hence, FAR#4 is closed.

E.3. Compliance of the project implementation with the registered project design document

Means of verification	The Monitoring Report for the project activity "60 MW Bandirma Wind Power Plant Project", version 05 of 01/06/2018 and previous versions submitted by the Bandirma Enerji ve Elektrik Uretim Tic. A.S. have been the basis for the verification process. It was verified during the site visit that the project activity is a retroactive project and it has been implemented and it is in operation since 18/09/2009 in accordance with the project activity described in the registered PDD /1/. The crediting period is changed on 24/07/2015 – 23/07/2022 as confirmed through the correspondence dated on 29/05/2018 between the carbon consultant and GS (during the GS Issuance process). The project is a 60 MW wind power plant. The project consists of 20 wind turbines with a unit capacity of 3 MW each. Total output of the project is 60 MW as per the Generation License. However, the technical details of the wind turbines could not been confirmed through the Vestas Specification Data Sheet or any supporting document. The project boundary in the registered PDD /1/ is in line with the actual project boundary. The generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Akcalar Transformer Station as confirmed through onsite visit.
Findings	CAR 1: Please correct the issues listed below: - The start date of the monitoring period given in the first page, is not in line with the project activity. - The format of the dates should be corrected as DD/MM/YYYY. - The technical details of the wind turbines is not given in the MR. Please add in the MR and provide supporting document. - Please provide supporting evidence regarding the correction given under the section B.2.2 in the MR. - The title of the project participant is presented differently in the documentation of the project activity. To clarify please provide the commercial registry gazette. - Completion date of the monitoring report is not in line with the project activity. - The GS ID number given in the 1st page of the MR is not in line with the project activity. - Please provide the version and date of the final GS Passport. - The start date of the monitoring period given in the first page is now in line with the project activity. - The format of the dates is now corrected as a date format DD/MM/YYYY. - The technical details of the wind turbines are now given in the MR. - The project name is corrected as "60 MW Bandirma Wind Power Plant Project" in line with the markit registry system (registry ID: 103000000002183) through

	whole documentation of verification. - The title of the project participant is now presented as Bandirma Enerji ve Elektrik Uretim Ticaret A.S. in line with the Official gazette. CR ID 2 is not related to the finding since it is about crediting period. However, this finding related to completion date of the monitoring report. Currently, it is revised correctly as the date when the MR is provided to the verification team. - The GS ID number given in the 1st page of the MR is now in line with the project activity. <u>Hence, CAR 1 is closed.</u> CR 1: The raised FARs from validation process are not discussed in the monitoring report. The raised FARs from validation process are now discussed in the monitoring report. <u>Hence, CR1 is closed.</u> CR 2: Please correct the issues listed below: - The crediting period is given under section A.5 and C in the MR is not in line with the project activity. - Please add a clear description regarding the changes to start date of crediting period under the section B.2.3 in the MR. - The crediting period is changed on 24/07/2015 – 23/07/2022 as confirmed through the correspondence dated on 29/05/2018 between the carbon consultant and GS (during the GS Issuance process). - The change regarding the start date of crediting period is now clearly explained under the section B.2.3 in the MR. <u>Hence, CR2 is closed.</u>
Conclusion	RINA confirms that the above MR is based on the currently valid MR template /10/ and is completed in accordance with the applicable guidance document /10/. In addition, the implementation of the project activity is in line with the registered PDD /1/.

E.4. Post-registration changes

E.4.1. Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline

Not applicable

E.4.2. Corrections

Not applicable.

E.4.3. Changes to the start date of the crediting period

The start date of the crediting period is changed as 24/07/2012 with GS approval. The relevant correspondences dated on 04/07/2017 between the carbon consultant and GS are provided to the verification team. However, as per decision of GS TAC dated on 29/06/2017 for the project activity the monitoring period can be started from the latest two years prior to the site visit date. The remaining previous years are to be foregone without any extension in the crediting period. However, during the issuance process, GS has proposed 1st crediting period can be revised as 24/07/2015 – 23/07/2022¹. Then PP has changed the crediting period accordingly.

E.4.4. Inclusion of a monitoring plan to a registered project activity

Not applicable.

E.4.5. Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline

Not applicable.

¹ GS e-mail dated 29/05/2018

E.4.6. Changes to the project design of a registered project activity

The capacity addition took place in 2015. However the design change approval requests could not been submitted to the GS within one year from its start date as per requested in Annex AA /23/. Therefore the design change is not eligible under GS as the one year time period has already passed. The credits from the original installed capacity 60MW is eligible to verify. The relevant correspondences dated on 04/07/2017 between the carbon consultant and GS are provided to the verification team /22/.

E.4.7. Types of changes specific to afforestation and reforestation project activities

Not applicable

E.5. Compliance of monitoring plan with the monitoring methodology including applicable tool and standardized baseline

Means of verification	The project applies the approved methodologies ACM0002 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” version 12.1.0 of 26/11/2010 /7/. The following tools are also applicable to the project activity: Tool to calculate the emission factor for an electricity system, version 02.0 /11/; “Tool for the demonstration and assessment of additionality”, version 05.2 of 26/08/2008 /12/.
Findings	CR 3: Please correct/clarify the issues listed below: - The tools applied are not presented in the MR, section A.4. - Please give the correct and whole name of the applied methodology in the 1st page of the MR and under the section A.4. - The tools applied are now presented under the section A.4 in the MR. - The name of the applied methodology in the 1st page of the MR and under the section A.4 is now presented correctly as “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”. Hence, CR3 is closed.
Conclusion	The monitoring plan in the registered PDD /1/ is in accordance with the monitoring methodology ACM0002 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” version 12.1.0 of 26/11/2010 /7/.

E.6. Compliance of monitoring activities with the registered monitoring plan

E.6.1. Data and parameters fixed ex ante or at renewal of crediting period

Means of verification	The parameters were available at the validation stage, which do not need to monitor during the crediting period, as per the registered PDD:			
	DATA/PARAMETER	Source of data	Reported value for the project period	Assessment/ Observation
	EF _{grid,CM,y} Combined Margin Emission Factor	TEIAS statistics	0.5949 tCO ₂ /MWh	As per the approved methodology ACM0002 version 12.1.0, 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 0.5949 tCO ₂ /MWh in the registered PDD /1/ and validation report /8/.
Findings	CR 4: Fixed ex-ante parameters applied which are “HV “,”EG _y “ “Sample Group for BM emission factor”, “n _{i,y} ”and “EF _{CO2,i,y} are not in line with the registered PDD. Please revise them according to the registered PDD.			

	Fixed ex-ante parameters applied which are “HV “,”EG _y “,”Sample Group for BM emission factor”, “n _{i,y} ”and “EF _{C02,i,y} are now in line with the registered PDD. Hence, CR 4 is closed.
Conclusion	Data and parameters fixed ex-ante are in accordance with the registered PDD /1/

E.6.2. Data and parameters monitored

Means of verification	The following parameters are monitored in accordance with the registered PDD /1/ The only monitoring parameter is “Quantity of net electricity generation supplied by the project plant to the grid in year y (EG_{facility,y})” as per the registered monitoring plan presented in the registered PDD /1/. The parameter is monitored continuously as “MWh/yr” by two electricity meters. The main meter is ELSTER with serial number 00388182 and the backup meter is also ELSTER with serial number 00388183. The electricity meters are first installed on 18/09/2009 as confirmed through the index protocol during the site visit. The accuracy of the meters is 0.2s as confirmed through the first index protocol /20/ performed by TEIAS and onsite inspection. The accuracy class of the meters complies with the “Communiqué for Measurement Devices used in the Electricity Market” /17/. The electricity meters are sealed by TEIAS as confirmed during the site visit. This parameter is recorded monthly and the value of net electricity generation is calculated by the PP as “electricity supplied to the grid minus electricity consumption from the grid” for this monitoring period as “397,779,34 MWh” (731 days). It is verified that the calculation is presented to the verification team via spreadsheet /9/. The value is also crosschecked with the monthly meter reading records (also called protocols) conducted together with the regions distribution/transmission company.
Findings	CAR 2: The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet “Bandirma_ER Calculation.v1.xlsx” should be revised accordingly. CR 5: The “recording frequency” of the EG_{facility,y} parameter are not in line with the registered PDD. The EG_{facility,y} parameter is now in line with the registered PDD. Hence, CR 5 is closed. CR 6: Please add serial number, model, type and the accuracy class of the electricity meters (for main and back- up meters) in the monitoring report under the section of “monitoring equipment” of “EG_{facility,y}” . parameter. The details of the electricity meters installed (for main and back- up meters) are now provided in the monitoring report under the section of “monitoring equipment” of “EG_{facility,y}” . parameter. Hence, CR 6 is closed. CR 7: Please provide monthly meter protocols of 2017 to crosscheck of the generation values and also please add crosscheck values into the calculation excel sheet. The monthly meter protocols of 2017 to crosscheck of the generation values are added into the calculation excel sheet and their soft copies are provided to the verification team. Hence, CR 7 is closed.
Conclusion	RINA’s opinion that the monitoring of the project activity has been carried out in accordance with the monitoring plan in the registered GS Passport /2/ . All the parameters were monitored and determined as per the registered monitoring plan. Referring to clause 117-122 of the VVS version 01.0 /6/ . DOE confirms through site visit verification, from the document review, the actual monitoring system complies with the registered monitoring plan. During the verification, all

	the relevant monitoring parameters of the registered monitoring plan have been verified with regard to the appropriateness of the verification method; the correctness of the values applied for ER calculation, the accuracy and applied QA/QC measures. It is confirmed that all the monitoring parameters have been measured/determined without material misstatements.
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E.6.3. Implementation of sampling plan

Means of verification	N/A
Findings	N/A
Conclusion	N/A

E.7. Compliance with the calibration frequency requirements for measuring instruments

Means of verification	TEIAS is responsible for calibration and maintenance of the devices as per the registered PDD. The project owner has no control on the meters since the meters are sealed by the TEIAS. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. During this monitoring period no discrepancy was occurred. The recalibration of these meters will be done in line with the equipment requirements and through the period defined by national metrology institutes country by country and for Turkey this period is defined as 10 years. The calibration of meters is deemed appropriate and in compliance with the national regulation /18/ and registered PDD /1/. The meters were calibrated on 18/09/2009 by TEIAS as confirmed through the TEIAS First Index Protocol /39/. It is confirmed on site visit, during the monitoring period, no brake down has been recorded. No re-calibration is required for this monitoring period.
Findings	CR 8: Please provide first index protocol and calibration certificate of the meters to the verification team and add their dates in the MR accordingly. The first index protocol is now provided to the verification team.. Hence, CR 8 is closed. CR 9: Please add a clear explanation regarding the frequency of calibration and please state in the MR whether calibration is still valid or not. An explanation regarding the frequency of calibration and its validity are now clearly presented in the MR. Hence, CR 9 is closed.
Conclusion	RINA's opinion that the monitoring of the project activity has been carried out in accordance with the monitoring plan in the registered PDD /1/. The verifier confirms that the calibration confirms the proper functioning of the monitoring equipment and is valid for the whole verification monitoring period. In line with the clause 368 of VVS version 01.0 /6/.

E.8. Assessment of data and calculation of emission reductions or net removals

E.8.1. Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification	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. $BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$ Where: $EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh/yr) $EF_{grid,CM,y}$ = Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system". Monitoring period from 01/08/2015 to 31/07/2017 both days are included. Baseline Emission in 2015:
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	BE 2015=85,444.29[MWh] * 0.5949[tCO₂/MWh] = 50,830 tCO₂ (rounded down) Baseline Emission in 2016: BE 2016= 207,279.87[MWh] * 0.5949[tCO₂/MWh] = 123,310 tCO₂ (rounded down) Baseline Emission in 2017: BE 2017=105,055.19[MWh] * 0.5949[tCO₂/MWh] = 62,497 tCO₂ (rounded down)
Findings	CAR 2: The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet “Bandırma_ER Calculation.v1.xlsx” should be revised accordingly. The value of electricity consumption of July 2017 is added to the calculations and also the value of electricity consumption from the grid of October 2016 is now in line with the supporting document. Hence, CAR 2 is closed. CR 10: The equation given under the section E.1. is not in line with the PDD. Please revise the section E.1 as per stated in the registered PDD. The equation given under the section E.1 is now in line with the registered PDD. Hence, CR 10 is closed.
Conclusion	RINA verified that the baseline emissions were calculated in accordance with the registered PDD and methodology ACM0002 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” version 12.1.0. /7/

E.8.2. Calculation of project GHG emissions or actual net GHG removals by sinks

Means of verification	The project emissions are assumed to be zero as per the ACM0002 /7/ since the project is a renewable energy project as defined in the registered PDD /1/ and validation report /8/ .
Findings	NA
Conclusion	RINA verified that the project emissions are assumed to be zero in accordance with the registered PDD and methodology ACM0002 /7/

E.8.3. Calculation of leakage GHG emissions

Means of verification	The leakage emissions are assumed to be zero as per the ACM0002 /7/ as defined in the registered PDD /1/ . Since the project and leakage emissions are zero, the emission reduction equals to baseline emissions.
Findings	N/A
Conclusion	Leakage was considered as zero in accordance with the applied methodology /7/ .

E.8.4. Summary of calculation of GHG emission reductions or net anthropogenic GHG removals by sinks

Means of verification	According to the applied methodology “ACM0002”, “Consolidated baseline methodology for Consolidated baseline methodology for grid-connected electricity generation from renewable sources” /7/, the emission reductions have been calculated based on the following formula: $ER_y = BE_y - PE_y$ Where: BE_y = Baseline emissions in year y (tCO_{2e}/yr) PE_y = Project emissions in year y (tCO_{2e}/yr) Total ER_y = 236,637 – 0 – 0 = 236,637 tCO_{2e}
Findings	CAR 2: The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet “Bandırma_ER Calculation.v1.xlsx” should be revised accordingly.

	The value of electricity consumption of July 2017 is added to the calculations and also the value of electricity consumption from the grid of October 2016 is now in line with the supporting document. Hence, CAR 2 is closed.
Conclusion	The emission reduction calculations provided in the spreadsheet /9/ have been verified to be correct and in line with the registered PDD /1/ and applied methodologies /7/.

E.8.5. Comparison of actual GHG emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD

Means of verification	The emission reductions from the project for the monitoring period as reported in the monitoring report version 05 of 01/06/2018 and previous versions /3/ is equivalent to 236,637 tCO _{2e} . The reported emission reductions are 5.6 % higher than the estimated emission reduction of 217,682 tCO _{2e} for the period (this monitoring period represents the electricity generation for 731 days) as per the registered PDD /1/.
Findings	CAR 2: The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet "Bandırma_ER Calculation.v1.xlsx" should be revised accordingly. The value of electricity consumption of July 2017 is added to the calculations and also the value of electricity consumption from the grid of October 2016 is now in line with the supporting document. Hence, CAR 2 is closed.
Conclusion	Verified during the onsite visit the reported emission reductions are slightly higher than the estimated emission reduction in the registered PDD is acceptable /1/.

E.8.6. Remarks on difference from estimated value in registered PDD

Means of verification	For the project activity, the reason for this increase in emission reductions is the weather conditions. This difference may occur due to the high wind than expected during the validation process. The difference of 5.6 % is acceptable.
Findings	CAR 2: The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet "Bandırma_ER Calculation.v1.xlsx" should be revised accordingly. The value of electricity consumption of July 2017 is added to the calculations and also the value of electricity consumption from the grid of October 2016 is now in line with the supporting document. Hence, CAR 2 is closed.
Conclusion	The reported emission reductions are 5.6 % higher than the estimated emission reduction for the period (this monitoring period represents the electricity generation for 731 days) as per the registered PDD /1/.

E.8.7. Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Means of verification	The actual emission reductions from the project for the monitoring period as reported in the monitoring report version 05 /3/ is equivalent to 236,637 tCO _{2e} .
Findings	CAR 2: The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet "Bandırma_ER Calculation.v1.xlsx" should be revised accordingly. The value of electricity consumption of July 2017 is added to the calculations and also the value of electricity consumption from the grid of October 2016 is now in line with the supporting document.

	Hence, CAR 2 is closed.
Conclusion	The emission reductions calculation provided in the spreadsheet have been verified to be correct and in line with the registered PDD /1/. Additionally, the actual monitoring period does not fall into the first commitment period.

E.8.8. Assessment of the sustainability parameters

Means of verification	The assessment of the monitored parameters is described in the tables below:		
	Data variable	Source of Data	Reported value for the project period
	Air Quality Amount of SO ₂ , NO _x emissions Level of dust emissions during construction of the project activity	Electricity Generation and Calculation /9/ Site observation	- 5.08 kg/MWh SO ₂ - 1.64 kg/MWh NO _x
	Assessment <u>Amount of SO₂ and NO_x emissions:</u> The parameter is monitored annually by calculation with the Turkey's GHG Inventory and TEIAS Statistics. The value of the parameter is calculated as 5.08 kg/MWh SO ₂ and 1.64 kg/MWh NO _x as confirmed through the calculation excel sheet /9/. <u>Dust emissions:</u> The parameter is monitored once during the first verification by site observation. In addition, photos regarding the watering of roads and road conditions are provided to the verification team /24/. Additionally, the parameter is confirmed by interview with the mukhtars and local stakeholders as per stated in the Section D.3. According to the interviews, no negative feedback is received regarding dust emissions due to construction phase of the project activity.		
	Data variable	Source of Data	Reported value for the project period
	Water Quality and Quantity Amount of Wastewater discharged to the environment	Records of transfer of wastewater by sewage truck and statement of wastewater treatment plant /36/ /37/ /43/	The wastewater is transported by sewage trucks
	Assessment <u>Amount of Wastewater discharged to the environment:</u> The parameter is monitored annually by assessing records of transfer of wastewater by sewage truck and statement of wastewater treatment plant /36/ /37/. It is confirmed that there is no risk for the quality of the water resources since the water is handled in accordance with the national legislation.		
	Data variable	Source of Data	Reported value for the project period
	Soil Condition Quantity and type of hazardous waste Solid waste Land usage	Disposal documents of the licensed company /33-35/ Checking of the site in a site visit /44/ /45/ and consulting the villagers	N/A
	Assessment <u>Quantity and type of hazardous waste:</u> The parameter is monitored annually by observation the site if there are remainders of hazardous wastes on the construction site and by checking the collecting and disposal documents of the		

licensed company. The disposal documents of the licensed company belong to the monitoring period of the project activity are provided to the verification team.

Solid waste: The parameter is monitored at the end of the construction phase by observation the site if there are remainders of solid wastes on the construction site once construction is completed and the separate storage container if recyclable waste is collected in separate storage container and also by checking the documentation of correct waste disposal. The project activity is a retroactive project and it is operational from 18/09/2009. The verification team is informed by the PP that providing the documentation related to construction phase is not possible. During the site visit any negative feedback regarding the parameter is not received from the villagers. Additionally, the verification team is informed that during the operation phase of the project activity solid wastes are collected and recycled in accordance with the legal "Regulations on Solid Wastes Control". There is a waste storage area in the site. When its capacity full, solid wastes are delivered to the municipality by the PP.

Land usage: The parameter is monitored once during verification by checking of the site in a site visit and consulting the villagers. During the site visits it is confirmed through the interviews with the mukhtars and villagers that remaining lands are still used for forestry purposes especially growing chestnut by the villagers.

Data variable	Source of Data	Reported value for the project period
Biodiversity Number of new trees planted Impacts on birds and bats	Forestry permissions obtained for land use of project activity /26/ and Declaration of Bandirma Enerji for planting 25000 trees /25/ /27/ Ornithology Reports /21/ /32/	N/A As a result of the ornithological studies, there is no directly negative and harmful impact on wild life especially bats and birds due to project activity.

Assessment

Number of new trees planted: The parameter is monitored after reforestation measure has been completed by means of proof of payment of the fee and thereafter spot checks once a year in consultation with the relevant authority. by Forestry permissions obtained for land use of project activity.

The PP promised to plant 25,000 trees to minimize its effect on nature. However, Forestry Operations Directorate would like have excavator for using planting activities instead of 25,000 tree plantation. Thus, the PP fulfilment of the tree plantation requirement through donating an excavator to Forestry Operations Directorate /25/ /27/. Additionally the PP placed 10 water tanks around the project activity area to prevent the fire and for in case of fire emergency intervention. During the site visit the tanks are confirmed via site observation and interview with local stakeholders.

Impacts on birds and bats: The parameter is monitored monthly by monthly operation reports of Bandirma Enerji which also includes site visit observations. However, the parameter is not monitored as explained in the registered GS Passport due to there is no negative impact on birds and bats. Additionally, Ornithology reports are provided to the verification team.

According to the Ornithology Monitoring Reports (period between July-December 2014 and 2015), despite the fact that the site of the project activity is not located on a direct bird migration route, the main migratory routes pass around its site. There are no species of birds that are endangered or endangered according to national and international criteria in the area of project activity and in the immediate vicinity. Species of birds are widely distributed species for this region and Turkey. Additionally, no bats were found in or near the project activity site.

According to the last ornithological monitoring study (period between 17/01/2016 – 05/06/2016), during the spring monitoring studies, five dead bats

were found in the carcass scan studies done under turbine. In the examinations, it was determined that 3 bats died due to barotrauma, 2 bats died due to collision. As a result of the ornithological studies, there is no directly negative and harmful impact on wild life especially bats and birds due to project activity. Nevertheless, the parameter should be monitored as per indicated in the registered GS Passport for the following monitoring periods.

Data variable	Source of Data	Reported value for the project period
Other Pollutants Noise during operation	Interview with the stakeholders about the noise level	N/A

Assessment

Noise during operation: The parameter is monitored yearly by interview with the stakeholders about the noise level, in case of a negative outcome noise measurements can be done in the site. During the site visit the parameter is confirmed through interviews with the local stakeholders. The parameter is interviewed with the local stakeholders given in the section D.3. of this report and they shared their opinion regarding the noise due to project activity. Only partially negative feedback is received from the mukhtar of Cakilkoy Village. He said that sometimes there is noise due to weather conditions. The feedback received from the mukhtar is examined thoroughly by the verification team and as a result of that it was understood that the daily life that was noisy due to the project activity was not in a position to affect. Additionally, as per stated in the registered GS Passport, the nearest settlement is 1,800 m away (Erikli Village) from the project activity site was visited by the verification team and the mukhtar of Erikli Village is interviewed related to the parameter and there is no negative feedback is received. In addition to interview with locals, the parameter is confirmed through the noise impact assessment is carried out for this project activity and this study has demonstrated that the noise due to operation of wind turbines will not exceed the national noise regulation limits /46/.

Data variable	Source of Data	Reported value for the project period
Quality of Employment Training certificates	Documentation of the training of the staff /28-31/	Employees participated to the trainings.

Assessment

Training certificates: The parameter is monitored yearly by checking documentation of the training of the staff and internal documentation that every worker is provided with personal protective equipment and is informed about its usage. All the certificates/28-31/ during this monitoring period were provided to the verification team. As per information given by the PP during on site visit all the employees attended to the trainings.

Data variable	Source of Data	Reported value for the project period
Human and institutional capacity Reconstruction in the district hospital Improvement of the asphalt access road in the region	Report showing the social responsibilities of project proponent supported with photos and other documentation /19/ 47 /48/	N/A

Assessment

Reconstruction in the district hospital: This parameter is monitored Once after

	completion of the projects by report showing the social responsibilities of Bandirma Enerji supported with photos and other documentation. However, the parameter could not been confirmed through any supporting evidences. <u>Improvement of the asphalt access road in the region:</u> This parameter is monitored once after completion of the projects by report showing the social responsibilities of Bandirma Enerji supported with photos and other documentation. Photos regarding the improvement of the asphalt access road in the region are provided to the verification team and also the parameter is confirmed by interview with local stakeholders.								
	<table><tr><th>Data variable</th><th>Source of Data</th><th>Reported value for the project period</th></tr><tr><td>Quantitative Employment and Income Generation New employment opportunities in the region</td><td>Employment records /14/</td><td>6 employees are hired by the PP</td></tr></table>			Data variable	Source of Data	Reported value for the project period	Quantitative Employment and Income Generation New employment opportunities in the region	Employment records /14/	6 employees are hired by the PP
	Data variable	Source of Data	Reported value for the project period						
	Quantitative Employment and Income Generation New employment opportunities in the region	Employment records /14/	6 employees are hired by the PP						
	Assessment								
	<u>New employment opportunities in the region:</u> This parameter is monitored annually by employment records. During the site visit it is confirmed that currently 6 employees are hired during operation and 1 of them is woman employee.								
	<table><tr><th>Data variable</th><th>Source of Data</th><th>Reported value for the project period</th></tr><tr><td>Balance of payment and investments Amount of imported energy source</td><td>Electricity Generation and Calculation /9/</td><td>397,779 MWh electricity generation</td></tr></table>			Data variable	Source of Data	Reported value for the project period	Balance of payment and investments Amount of imported energy source	Electricity Generation and Calculation /9/	397,779 MWh electricity generation
	Data variable	Source of Data	Reported value for the project period						
Balance of payment and investments Amount of imported energy source	Electricity Generation and Calculation /9/	397,779 MWh electricity generation							
Assessment									
<u>Amount of imported energy source:</u> This parameter is monitored annually by calculation of amount of electricity generation.									
<table><tr><th>Data variable</th><th>Source of Data</th><th>Reported value for the project period</th></tr><tr><td>Technology transfer and technological self-reliance Purchased equipment</td><td>Review of purchase agreements, operation of the WPP /49/</td><td>N/A</td></tr></table>			Data variable	Source of Data	Reported value for the project period	Technology transfer and technological self-reliance Purchased equipment	Review of purchase agreements, operation of the WPP /49/	N/A	
Data variable	Source of Data	Reported value for the project period							
Technology transfer and technological self-reliance Purchased equipment	Review of purchase agreements, operation of the WPP /49/	N/A							
Assessment									
<u>Purchased equipment:</u> This parameter is monitored yearly by review of purchase agreements, operation of the WPP.									
Findings	CR 11: The last paragraph given under the section F in the MR is not in line with the project activity. Please clarify and correct accordingly. The last paragraph given under the section F in the MR is now corrected. Hence, the number of monitoring SD parameter indicators” are now in line with the monitoring plan given in the registered GS Passport. <u>Hence, CR 11 is closed.</u> CAR 3:								

Air Quality:

SO₂ and NO_x emissions from grid connected plants The value of the parameter is not correct since the amount of generation of July, 2017 should be added to the calculation.

Water Quality and Quantity:

Amount of Wastewater discharged to the environment: The disposal records belong to 2015 and 2016 are provided to the verification team. However, 2017 is not presented. Please provide.

Soil Condition:

Quantity and type of hazardous waste: The disposal documents belong to 2015 and 2016 of the licensed company are provided to the verification team. However, 2017 is not presented. Please provide. Also please provide a clear explanation regarding the type of the hazardous wastes arising from the project activity.

Please revise the “way of monitoring”

Solid waste: The project activity is a retroactive project and it is operational from 18/09/2009. The verification team is informed by the PP that providing the documentation related to construction phase is not possible. During the site visit any negative feedback regarding the parameter is not received from the villagers. Additionally, the verification team is informed that during the operation phase of the project activity solid wastes are collected and recycled in accordance with the legal “Regulations on Solid Wastes Control”. There is a waste storage area in the site. When its capacity full, solid wastes are delivered to the municipality by the PP. However any supporting document is not provided regarding the parameter. Please provide accordingly.

Land usage: The parameter is monitored once during verification by checking of the site in a site visit and consulting the villagers. During the site visits it is confirmed through the interviews with the mukhtars and villagers that remaining lands are still used for forestry purposes especially growing chestnut by the villagers. However, the explanations given under the section F.1.3.b “current situation parameter” and “other data source” are not in line with the parameter. Please revise accordingly.

Biodiversity:

Impacts on birds and bats: The details regarding the parameter is given under the section of E.8.8. of this report. However, according to the last ornithological monitoring study (period between 17/01/2016 – 05/06/2016), during the spring monitoring studies, five dead bats were found in the carcass scan studies done under turbine. In the examinations, it was determined that 3 bats died due to barotrauma, 2 bats died due to collision. As a result of the ornithological studies, there is no directly negative and harmful impact on wild life especially bats and birds due to project activity. Nevertheless, the parameter should be monitored as per indicated in the registered GS Passport for the following monitoring periods.

Other Pollutants:

Noise during operation: The parameter is interviewed with the local stakeholders in line with the registered GS Passport. Only partially negative feedback is received from the mukhtar of Cakiloy Village. He said that sometimes there is noise due to weather conditions. The feedback received from the mukhtar is examined thoroughly by the verification team and as a result of that it was understood that the daily life that was noisy due to the project activity was not in a position to affect. Additionally, as per stated in the registered GS Passport, the nearest settlement is 1,800 m away (Erikli Village) from the project activity site was visited by the verification team and the mukhtar of Erikli Village was interviewed related to the parameter and there is no negative feedback is received. In addition, to verify the parameter please provide noise level measurement which is performed during operation phase.

Quality of Employment:

Training certificates: All the certificates/28-31/ during this monitoring period were provided to the verification team. As per information given by the PP during on site visit all the employees attended to the trainings.

However, no supporting document for an employee regarding the certificates of his trainings. Please provide the supporting document.

Human and institutional capacity:

Reconstruction in the district hospital: This parameter is monitored Once after

completion of the projects by report showing the social responsibilities of project proponent supported with photos and other documentation. However, the parameter could not be confirmed through any supporting evidences.

Quantitative employment and income generation:

New employment opportunities in the region: This parameter is monitored annually by employment records. During the site visit it is confirmed that currently 6 employees are hired during operation and 1 of them is woman employee. However the total number of employee and number of local employees are not given in the MR. Additionally, please provide the list of SGK of employees belongs to 2017 (named as “hizmet listesi”) and SGK records to confirm both local and total number of employees.

Balance of payment and investments:

Amount of imported energy source: This parameter is monitored annually by calculation of amount of electricity generation. The calculation should be revised according to the CAR 2.

Technology transfer and technological self-reliance:

Purchased equipment: This parameter is monitored yearly by review of purchase agreements, operation of the WPP. However, the project is operational since 18/09/2009. Please explain by providing an objective evidence currently how the project activity is a positive contribution to technology transfer and technological self-reliance. Please revise the MR accordingly.

Air Quality:

SO₂ and NO_x emissions from grid connected plants The value of the parameter is now corrected in the MR.

Water Quality and Quantity:

Amount of Wastewater discharged to the environment: The disposal records belong to 2017 is now provided to the verification team.

Soil Condition:

Quantity and type of hazardous waste: The disposal documents belong to 2017 are now provided to the verification team. Quantity and type of hazardous waste: The type of the hazardous wastes arising from the project activity are now provided as per stated in the indicator. Additionally, the “way of monitoring” is now corrected properly.

Solid waste: Related official documents, which are photos and solid waste record forms, are provided to the verification team.

Land usage: The explanations given under the section F.1.3.b “current situation parameter” and “other data source” are now in line with the parameter.

Biodiversity:

Impacts on birds and bats: Additionally, the latest official letter dated on 20/02/2017 is provided to the verification team.

Other Pollutants:

Noise during operation: In addition to interview with locals, the parameter is confirmed through the noise impact assessment is carried out for this project activity and this study has demonstrated that the noise due to operation of wind turbines will not exceed the national noise regulation limits.

Quality of Employment:

Training certificates: Training certificates for all employees are now provided to the verification team.

Human and institutional capacity:

Reconstruction in the district hospital: The “thank you plate given by district governor of Kepsut” and Official gazette that shows the change of title of the PP are provided to the verification team could be found as objective evidences.

Quantitative employment and income generation:

New employment opportunities in the region: During the site visit it is confirmed that currently 6 employees are hired during operation by the PP. The SGK registry belongs to 2017 also is provided to the DOE.

Balance of payment and investments:

Amount of imported energy source: The calculation is now revised according to the CAR 2.

Technology transfer and technological self-reliance:

Purchased equipment: The purchase agreement as per stated in the registered GS

	Passport is now provided to the verification team. Hence, CAR 3 is closed.
Conclusion	RINA verified that the GS indicators described in the monitoring report are accurate and real. Data to cross check the monitored parameters are available at the office of the company. Also the registers of the sustainability indicators were available during the onsite inspection and then-.

SECTION F. Internal quality control

The draft final verification report before being submitted to the client will be/is subjected to an independent technical review to confirm that all validation activities has been completed according to the pertinent RINA's procedures. The technical review will be/is performed by a technical reviewer(s) qualified in accordance with the RINA's qualification procedure.

SECTION G. Verification opinion

RINA Services Spa (RINA) has performed verification of the emission reductions reported for the project activity "60 MW Bandirma Wind Power Plant Project", GS Registration Reference No. 744 for the period 01/08/2015 – 31/07/2017, with regard to the relevant GS requirements and principles. The project participants are responsible for the preparation for the collection of data in accordance with the monitoring plan and the reporting emission reductions from the project. It is RINA's responsibility to express an independent verification opinion on the reported emission reductions from the project and does not express any opinion on the selected baseline scenario or on the validated and registered PDD. Based on documented evidences and corroborated by an on-site assessment RINA can confirm that: (i) the project has been implemented and operated as per the registered PDD; (ii) the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable GS requirements and principles; (iii) the monitoring is in place as per the applied baseline and monitoring methodology; (iv) the monitoring complies with the registered monitoring plan; (v) the monitoring plan in the registered PDD is as per the applied baseline and monitoring methodology.

SECTION H. Certification statement

It is RINA's opinion that the GHG emission reductions stated in the monitoring report version 05 of 01/06/2018 and previous versions for the project activity "60 MW Bandirma Wind Power Plant Project" for the period 01/08/2015 - 31/07/2017 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 generation from renewable sources - Version 12.1.0. Hence RINA is able to certify that the emission reductions from the project during the monitoring period 01/08/2015 - 31/07/2017 amount to 236,637 tCO_{2e}.

Appendix 1.**Abbreviations**

Abbreviations	Full texts
BE	Baseline Emissions
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM M&P	Modalities and Procedures CDM
CER(s)	Certified Emission Reduction(s)
CH ₄	Methane
CR	Clarification Request
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
CRT	Coordination and Technical Control Staff
DCI	Certification Division of RINA Services Spa
DNA	Designated National Authority
DOE	Designated Operational Entity
EB	Executive Board
ER	Emission Reductions
FAR	Forward Action Request
GHG(s)	Greenhouse gas(es)
GS	Gold Standard
GWP	Global Warming Potential
IPCC	Intergovernmental Panel on Climate Change
LoA	Letter of Approval
MoV	Means of Verification
MR	Monitoring Report
NGO	Non-governmental Organization
ODA	Official Development Assistance
PDD	Project Design Document
PE	Project Emission
PP(s)	Project Participant(s)
Ref.	Document Reference
RINA	RINA Services Spa
SS(s)	Sectoral Scope(s)
TA(s)	Technical Area(s)
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard
BASKI	Balikesir Municipality Water and Sewerage Administration
ASTEC	Antalya Sanayi Teknolojileri Yazilimi Ar-Ge Danismanlik Cevre ve Enerji, Sanayi Ve Ticaret A.S.



CERTIFICATO DI QUALIFICA PER GLI SCHEMI VOLONTARI*
QUALIFICATION CERTIFICATE FOR VOLUNTARY SCHEMES*

Si attesta che il sig./sig.ra:
 We declare that Mr/Mrs/Ms:

Tugce Kiratli

è qualificato come:
 is qualified as:

TEC, VAL, VER, TL, ITRP
 LOCAL EXPERT

per le seguenti aree tecniche:
 for the following technical areas:

AREE TECNICHE TECHNICAL AREAS	DESCRIZIONE DELL'AREA TECNICA TECHNICAL AREA DESCRIPTION	SCOPO SETTORIALE SECTORAL SCOPE
1.2	Renewables	1
13.1	Solid waste and wastewater	13

REVISIONE REVISION	DATA DATE	MOTIVAZIONI PER LA REVISIONE REASON FOR THE REVISION
0	19/07/2016	First issue with new template
1	09/06/2017	Added qualification as ITRP and Local Expert

Responsabile di schema
 Scheme Leader
 Laura Severino

*SCHEMI VOLONTARI/ VOLUNTARY SCHEMES: ACR American Carbon Registry, CCB The Climate, Community & Biodiversity Alliance, GS Gold Standard, JI Joint Implementation, SCS Social Carbon Standard, VCS Verified Carbon Standard.

TEC: Technical expert; VAL: Validator; VER: Verifier; TL: Team leader; FIN EXP: Financial Expert; ITRP: Independent technical reviewer

RINA Services S.p.A. è accreditato/ricosciuto da
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UNFCCC	quale Entità Operativa Designata (DOE), per condurre la Validazione e la Verifica di Progetti CDM as Designated Operational Entity (DOE), to carry out Validation and Verification of CDM Projects
VCSA	per condurre la Validazione e la Verifica di Progetti VCS to carry out Validation and Verification of VCS Projects
GS Foundation	per condurre la Validazione e la Verifica di Progetti GS to carry out Validation and Verification of GS Projects
Ecologica Institute	per condurre la Validazione e la Verifica di rapporti SCS to carry out Validation and Verification of SCS Reports
American Carbon Registry ACR	per condurre la Validazione e la Verifica di Progetti ACR to carry out Validation and Verification of ACR projects
The Climate, Community & Biodiversity Alliance CCB	per condurre la Validazione e la Verifica di Progetti co-benefit CCB to carry out Validation and Verification of co-benefit CCB projects

CERTIFICATO DI QUALIFICA PER GLI SCHEMI VOLONTARI*
QUALIFICATION CERTIFICATE FOR VOLUNTARY SCHEMES*

Si attesta che il sig./sig.ra:
We declare that Mr/Mrs/Ms:

Fulya Ekinçi Ozen

è qualificato come:
is qualified as:

TEC, VER, LOCAL EXPERT, TL, ITRP

AREE TECNICHE TECHNICAL AREAS	DESCRIZIONE DELL'AREA TECNICA TECHNICAL AREA DESCRIPTION	SCOPO SETTORIALE SECTORAL SCOPE
1.2	Renewables	1
13.1	Solid waste and wastewater	13

REVISIONE REVISION	DATA DATE	MOTIVAZIONI PER LA REVISIONE REASON FOR THE REVISION
0	27/01/2017	First issue
4	09/10/2017	Update qualification as ITRP

Responsabile di schema
Scheme Leader
Laura Severino



*SCHEMI VOLONTARI/ VOLUNTARY SCHEMES: ACR American Carbon Registry, CCB The Climate, Community & Biodiversity Alliance, GS Gold Standard, JI Joint Implementation, SCS Social Carbon Standard, VCS Verified Carbon Standard.

TEC: Technical expert; VAL: Validator; VER: Verifier; TL: Team leader; FIN EXP: Financial Expert; ITRP: Independent technical reviewer

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CERTIFICATO DI QUALIFICA PER GLI SCHEMI VOLONTARI*
QUALIFICATION CERTIFICATE FOR VOLUNTARY SCHEMES*

Si attesta che il sig./sig.ra:
We declare that Mr/Mrs/Ms:

Hui Feng Liu

è qualificato come:
is qualified as:

TEC, VAL, VER, TL, ITRP

per le seguenti aree tecniche:
for the following technical areas:

AREE TECNICHE TECHNICAL AREAS	DESCRIZIONE DELL'AREA TECNICA TECHNICAL AREA DESCRIPTION	SCOPO SETTORIALE SECTORAL SCOPE
1.1	Thermal energy generation	1
1.2	Renewables	1
8.1	Mining and mineral processes	8
9.2	Iron, steel and Ferro alloy production	9
13.1	Solid waste and wastewater	13

REVISIONE REVISION	DATA DATE	MOTIVAZIONI PER LA REVISIONE REASON FOR THE REVISION
0	19/07/2016	First issue with new template (this certificate is linked to CDM qualification)

Responsabile di schema
Scheme Leader
Rita Valoroso



*SCHEMI VOLONTARI/ VOLUNTARY SCHEMES: ACR American Carbon Registry, CCB The Climate, Community & Biodiversity Alliance, GS Gold Standard, JI Joint Implementation, SCS Social Carbon Standard, VCS Verified Carbon Standard.

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The Climate, Community & Biodiversity Alliance CCB	per condurre la Validazione e la Verifica di Progetti co-benefit CCB to carry out Validation and Verification of co-benefit CCB projects

Appendix 3. Documents reviewed or referenced

No	Author	Title	References to the document	Provider
1	Fichtner GmbH & Co. KG	GS-PDD for “60 MW Bandirma Wind Power Plant Project” in Turkey	version 08 of 04/09/2012	Project participant
2	Fichtner GmbH & Co. KG	Gold Standard Passport for Project Activity “ 60 MW Bandirma Wind Power Plant Project” in Turkey		Project participant
3	Life Enerji.	Monitoring Report of “60 MW Bandirma Wind Power Plant Project” Monitoring Report of “60 MW Bandirma Wind Power Plant Project” Monitoring Report of “60 MW Bandirma Wind Power Plant Project” Monitoring Report of “60 MW Bandirma Wind Power Plant Project”	version 01 of 11/07/2017 version 02 of 23/08/2017 version 03 of 21/09/2017 version 04 of 16/02/2018 version 05 of 01/06/2018	Project participant
4	Gold Standard Foundation	Gold Standard Requirements	version 2.1 of 01/07/2009	Publicly available
5	Gold Standard Foundation	Gold Standard Toolkit	version 2.1 of 01/07/2009	Publicly available
6	CDM Executive Board	Clean Development Mechanism Validation and Verification Standard	version 01.0 of 03/03/2017	Publicly available
7	CDM Executive Board	Baseline and monitoring methodology “ACM0002”, “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”	version 12.1.0 of 26/11/2010	Publicly available
8	Bureau Veritas	Validation Report for “60 MW Bandirma Wind Power Plant Project” N° TURKEY-VAL/CER.1368.10.C45.REV1/2010	version 04 of 10/12/2013	Others
9	Life Enerji.	Emission Reduction Calculation Spreadsheet “Bandirma_ER Calculation.v1.xlsx” Emission Reduction Calculation Spreadsheet “Bandirma_ER Calculation.v2.xlsx” Emission Reduction Calculation Spreadsheet “Bandirma_ER Calculation.v3.xlsx” Emission Reduction Calculation Spreadsheet “Bandirma_ER Calculation.v4.xlsx”	submitted on 10/07/2017 submitted on 23/08/2017 submitted on 21/09/2017 submitted on 16/02/2018	Project participant
10	CDM Executive Board	Guideline for Completing the Monitoring Report Form	version 06.0 of 07/06/2017	Publicly available
11	CDM Executive Board	Methodological Tool “Tool to calculate the emission factor for an electricity system”	version 02.0 of 16/10/2009	Publicly available
12	CDM Executive Board	Methodological Tool “ Tool for the demonstration and assessment of additionality”	version 05.2. of 26/08/2008	Publicly available
13	Energy Market Regulatory Authority	Generation License EU/ 1447-8/1049	date 31/12/2007 of	Project participant
14	Social Insurance Institution	The List of SGK of Employees	date of 09/2017	Project participant
15	Market Financial Settlement	Monthly Electricity Records within the Monitoring Period	from 01/08/2015 to 31/07/2017	Project participant

	Center (EPIAS)			
16	TEIAS	Monthly Meter Readings	from 01/08/2015 to 31/01/2017	Project participant
17	Energy Market Regulatory Authority	Communiqué for Measurement Devices used in the Electricity Market	date 22/03/2003 of	Publicly available
18	The Ministry of Trade and Industry	Regulation of Metering and Testing of Metering Systems	date 24/07/1994 of	Publicly available
19	Bandirma Enerji ve Elektrik Uretim Tic. A.S.	Photos of Improvement of Access Road	submitted 10/07/2017 on	Project participant
20	TEIAS	Electricity Meter First Index Protocol	date 18/09/2009 of	Project participant
21	ASTEC	Ornithology Monitoring Reports (period between July-December 2014 and 2015)	submitted 10/07/2017 on	Project participant
22	Life Enerji	Correspondences with GS regarding the Project Activity	date 17/11/2016 from to 04/07/2017	Project participant
23	Gold Standard Foundation	GS Annex AA – Design Change	N/A	Publicly available
24	Bandirma Enerji ve Elektrik Uretim Tic. A.S.	Photos regarding the Road Watering	submitted 10/07/2017 on	Project participant
25	Bandirma Forestry Directorate	Declaration of Bandirma Enerji regarding the Planting	date 19/04/2012 of	Project participant
26	Bandirma Enerji ve Elektrik Uretim Tic. A.S.	Forestry Permissions obtained for Land Use	date 27/06/2011 of date 12/06/2014 of	Project participant
27	Bandirma Enerji ve Elektrik Uretim Tic. A.S.	Photos of Excavator Donated to Forestry Operations Directorate and Payment Receipt	date 08/12/2011 of	Project participant
28	SGS	Occupational Safety Training Certificates for all 6 Employees	submitted 10/07/2017 on	Project participant
29	Türk Kızılayı	First Aid Training Certificates for 5 Employees	submitted 10/07/2017 on	Project participant
30	TEIAS	Work Permit Under High Voltage Certificates for 5 Employees	submitted on 10/07/2017	Project participant
31	SGS	Environmental Management Training Certificates for 4 Employees	submitted 10/07/2017 on	Project participant
32	Agm Çevre Enerji Ar-Ge ve Danışmanlık	Ornithological Monitoring Report (period between 17/01/2016 – 05/06/2016)	submitted 10/07/2017 on	Project participant
33	Ministry of Environment and Urbanisation	National Waste Transport Form, No:0937228 National Waste Transport Form, No: 0937233 National Waste Transport Form, No: 0937227 National Waste Transport Form, No: 0937228 National Waste Transport Form, No: 0937230	date 13/06/2016 of	Project participant
34	Ministry of Environment and Urbanisation	National Waste Transport Form, No:386142 National Waste Transport Form, No: 0233049 National Waste Transport Form, No: 0233048	date 05/02/2016 of	Project participant
35	Ministry of Environment and Urbanisation	National Waste Transport Form, No:0233041 National Waste Transport Form, No: 0233045	date 09/06/2015 of date 17/11/2015 of	Project participant

		National Waste Transport Form, No: 0233042	date 03/07/2015	of	
		National Waste Transport Form, No: 0233042	date 06/02/2015	of	
36	BASKI	Wastewater Intake and Discharge Form, No: 004589 Wastewater Intake and Discharge Form, No: 004813 Wastewater Intake and Discharge Form, No: 004765 Wastewater Intake and Discharge Form, No: 004652	date 17/08/2015 date 28/12/2015 date 26/09/2015	of of of	Project participant
37	BASKI	Wastewater Intake and Discharge Form, No: 019399 Wastewater Intake and Discharge Form, No: 019400 Wastewater Intake and Discharge Form, No: 019364	date 21/09/2016 date 21/09/2016 date 09/08/2016	of of of	Project participant
38	Gold Standard Foundation	Registration Review Final Round	date 23/07/2014	of	Project participant
39	TEIAS	First Index Protocol	date 18/09/2009	of	Project participant
40	Turkish Trade Registry Gazette	Commercial Registry Gazette	date 09/02/2014	of	Project participant
41	Regional Directorate of Forestry	Delivery Records of Project Activity Site	date 16/03/2010 date 18/06/2014	of of	Project participant
42	TEIAS	Official Letters regarding the Expropriation Payments	submitted 23/08/2017	on	Project participant
43	BASKI	Wastewater Intake and Discharge Form, No: 44342 Wastewater Intake and Discharge Form, No: 44340 Wastewater Intake and Discharge Form, No: 44341	date 23/01/2017	of	Project participant
44	Bandirma Enerji ve Elektrik Uretim Tic. A.S.	Photos from Solid Waste Storage Area	submitted 23/08/2017	on	Project participant
45	Bandirma Enerji ve Elektrik Uretim Tic. A.S.	Solid Waste Internal Records Form	submitted 23/08/2017	on	Project participant
46	AECOM	Noise Impact Assessment	submitted 23/08/2017	on	Project participant
47	District Governor of Kepsut	Photos of the "thank you plate" Reconstruction in the district hospital	submitted 21/09/2017	on	Project participant
48	Turkish Trade Registry Gazette	Commercial Registry Gazette (to demonstrate of changing of title of the PP)	submitted 21/09/2017	on	Project participant
49	VESTAS	The Turbine Purchase Agreement			

Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. Remaining FAR from validation and/or previous verification

FAR ID	01	Section no.	Date:
Description of FAR			

The verifying DOE shall check the plantation activity at the time of first verification.	
Project participant response	Date:
Borusan Enerji paid an afforestation fee and implementation of afforestation is thereafter responsibility of the General Directorate of Afforestation and Erosion Control (affiliate to Ministry of Environment and Forestry) that will decide on the number and types of trees planted. A monitoring of trees planted for a dedicated project by the General Directorate Of Afforestation And Erosion Control is not possible in Turkey. The only proof that activities have been done could be provided by means of fees paid by Borusan to the relevant authority taking care of reforestation measures. Additionally, Bandırma Enerji will voluntarily plant 25000 new trees in the project region with the assistance of Bandırma Forestry Operation Directorate. Related documents are provided to the DOE.	
Documentation provided by project participant	
DOE assessment	Date: 31/07/2017
The PP promised to plant 25,000 trees to minimize its effect on nature. However, Forestry Operations Directorate would like have excavator for using planting activities instead of 25,000 tree plantation. Thus, the PP fulfilment of the tree plantation requirement through donating an excavator to Forestry Operations Directorate /25/ /27/ .	
Hence, FAR#1 is closed.	

FAR ID	02	Section no.		Date:
Description of FAR				
The PP shall conduct a feedback meeting with the local stakeholders during site visit of verification DOE as to find out opinions of the stakeholders on the project in particular to SD aspects but not limited to.				
Project participant response				Date:
During the site visit verification team interviewed the locals and the mukhtar of the two villages. According to the registered GS Passport the closest village is Erikli. Mukhtar of Erikli said that Bandırma WPP has no negative impacts on them, they built their roads, and also they helped them to fight against the forest fires. Since the main income of the locals come from the forestry activities, this is very crucial for the locals and they benefited a lot from this help. Also plant manager indicated that, they have patrols and security cameras around the plant area and the forest to check the fires and maintain the security of the lands. Because in the past there were some theft and hijack incidents but these security cameras and patrols helped especially old villagers to travel safely in the forest. These are all confirmed by the both mukhtars.				
Çakılıköy village mukhtar indicated that some days they could hear the noise of the turbines. But during the meeting in the coffee house there was no sound than the daily life of the village, birds and the wind. Also Çakılıköy village is 2500 m away from the project site according to the registered PDD. It is hard to say that from that distance sound of the turbine will affect the daily life of the village.				
Since there was no valid negative feedback from the locals FAR2 should be closed.				
Documentation provided by project participant				
DOE assessment	Date: 29/08/2017			

During the site visit the coffee houses of the Cakilko (2.09 km away from the project activity site) and Erikli Village are visited by the verification team. Local stakeholders, who are presented in the section D.3 of this report, were interviewed related to SD parameters during the construction and operational phases of project activity. They all declared that the proposed project activity is very useful for the local people's employment and security of crops against fire. They also have indicated that the villagers' lands are not expropriated. They have explained that the project area was largely forestry. However, only partially negative feedbacks are received from the mukhtar of Cakilko Village. He said that sometimes there is noise due to weather conditions and in some places on heavy rainy days can cause water accumulations and the project may contribute these accumulations. However, any additional negative feedback is not received regarding these issues during the meeting. The project owner has promised to investigate whether this accumulation is due to the project activity or from different environmental causes. Since close to project area, trees have been cut under the control of the environment and forestry directorate to re-plant different species. It may be cause the mentioned accumulation.

The feedback received from the mukhtar regarding the noise pollution is also examined thoroughly by the verification team and as a result of that it was understood that the daily life is not affected due to noise caused by the project activity. Additionally, as per stated in the registered GS Passport, the nearest settlement is 1,800 m away (Erikli Village) from the project activity site was visited by the verification team and the mukhtar of Erikli Village is interviewed especially related to the parameter and there is no negative feedback is received. Additionally, the PP provided a Noise Impact Assessment Report prepared by the AECOM for capacity addition (capacity addition is not registered under the GS) and the assessment study demonstrated that the noise limits of the project activity will not exceed the legal regulation noise limits even if there is a capacity increase.

Hence, FAR#2 is closed and a new FAR is raised.

FAR ID	03	Section no.	Date:
Description of FAR			
Verification DOE shall validate distance of turbines to closest settlement/house/building during first verification and shall obtain feedbacks on noise pollution from the muhtar.			
Project participant response			Date: 23/08/2017
Map of the project area is provided to the verification team. Closest settlement to the project area is 2.65 km. Related documents are provided to the verification team.			
Documentation provided by project participant			
DOE assessment			Date: 31/07/2017
During the site visit, as the closest location (stated in the registered PDD) Erikli village was visited by the verification team. The mukhtar of the village was interviewed on noise pollution. No negative feedback is received regarding the noise of wind turbines. Additionally, the PP prepared a document via google map to show the details of the distance of turbines to closest settlement/house/building. According to the document the Cakilko Village is 2.09 km away from the project activity site and the closest location. Local stakeholders, who are presented in the section D.3 of this report, were interviewed related to SD parameters during the construction and operational phases of project activity. The mukhtar of Cakilko Village said that sometimes there is noise due to weather conditions but not caused directly by project activity. Nevertheless, it is examined thoroughly by the verification team and as a result of that it was understood that the daily life is not affected due to noise caused by the project activity. Additionally, the PP provided a Noise Impact Assessment Report prepared by the AECOM for capacity addition (capacity addition is not registered under the GS) and the assessment study demonstrated that the noise limits of the project activity will not exceed the legal regulation noise limits even if there is a capacity increase.			
Hence, FAR#3 is closed.			

FAR ID	04	Section no.	Date:
Description of FAR			
It has been introduced for the verifying DOE to check on the status of the expropriation activities related to the energy transfer line construction.			
Project participant response			Date: 23/08/2017
There is no FAR4 in the registration form. Please clarify FAR4. Nevertheless, expropriation documents are provided to the DOE. As it can be seen from the documents only expropriation activity was done at the transmission line by the transmission company (TEİAŞ). The villagers' lands are not expropriated. Related documents are provided to the verification team.			

Documentation provided by project participant	
DOE assessment	Date: 29/08/2017
The mentioned FAR has been raised by the validator in the Validation Report, section 3.6, page 23. Totally there are 4 FARs (one from validation report, 3 from GS registration process) has been introduced during the validation phase of the project activity. During the site visit the coffee houses of the Cakiloy and Erikli Villages were visited by the verification team. Local stakeholders, who are presented in the section D.3 of this report, were interviewed related to construction and operational phases of project activity. They declared that the proposed project activity is very useful for the local people's employment and security of crops against fire. They also have indicated that the villagers' lands are not expropriated, they have explained that the project area was largely forestry. Only expropriation was done due to the transmission line construction. These activities were carried out by the transmission company (TEIAS) /41/ /42/. The process was finalized and it is confirmed through relevant official documents provided to the verification team. Hence, FAR#4 is closed.	

Table 2. CR from this verification

CR ID	1	Section no.	E.3.	Date: 31/07/2017
Description of CR				
The raised FARs from validation process are not discussed in the monitoring report.				
Project participant response				Date: 23/08/2017
FARs are added at the end of the Section F of the monitoring report.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 29/08/2017
The raised FARs from validation process are now added but one of the FAR raised in the Validation Report, (page 23) is still missing in the MR. Hence, CR1 is not closed.				
Project participant response				Date: 21/09/2017
It is added to the MR.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 17/10/2017
The FAR raised in the Validation Report, (page 23) is now added in the MR. Hence, CR1 is closed.				

CR ID	2	Section no.	E.3.	Date: 31/07/2017
Description of CR				
Please correct the issues listed below: - The crediting period is given under section A.5 and C in the MR is not in line with the project activity. - Please add a clear description regarding the change to start date of crediting period under the section B.2.3 in the MR.				
Project participant response				Date: 23/08/2017
Registration date of the project is 24/07/2014. As per the GS rules project can claim the emission reductions two years prior to the registration date. Thus project crediting period date becomes 24/07/2015 – 23/07/2022. Section A.5 and C are revised. Description of the start date of the crediting period is revised.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date:
- The crediting period is given under section A.5 and C in the MR is now in line with the project activity and it is corrected as 24/07/2015 – 23/07/2022. - The change regarding the start date of crediting period is now clearly explained under the section B.2.3 in the MR. The crediting period is changed on 24/07/2015 – 23/07/2022 as confirmed through the correspondence dated on 29/05/2018 between the carbon consultant and GS (during the GS Issuance process). Hence, CR2 is closed.				

CR ID	3	Section no.	E.5.	Date: 31/07/2017
Description of CR				
Please correct/clarify the issues listed below:				
- The tools applied are not presented in the MR, section A.4. - Please give the correct and whole name of the applied methodology in the 1st page of the MR and under the section A.4.				
Project participant response				Date: 23/08/2017
Sections are revised accordingly.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 29/08/2017
- The tools applied are now presented under the section A.4 in the MR. - The name of the applied methodology in the 1st page of the MR and under the section A.4 is now presented correctly as "Consolidated baseline methodology for grid-connected electricity generation from renewable sources".				
Hence, CR3 is closed.				

CR ID	4	Section no.	E.6.1	Date: 31/07/2017
Description of CR				
Fixed ex-ante parameters applied which are "HV ", "EG _y ", "Sample Group for BM emission factor", "n _{i,y} " and "EF _{C02,i,y} " are not in line with the registered PDD. Please revise them according to the registered PDD.				
Project participant response				Date: 23/08/2017
Section is revised accordingly.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 29/08/2017
Fixed ex-ante parameters applied which are "HV ", "EG _y ", "Sample Group for BM emission factor", "n _{i,y} " and "EF _{C02,i,y} " are now in line with the registered PDD.				
Hence, CR 4 is closed.				

CR ID	5	Section no.	E.6.2.	Date: 31/07/2017
Description of CR				
The "recording frequency" of the EG _{facility,y} parameter is not in line with the registered PDD.				
Project participant response				Date: 23/08/2017
After the project registered electricity market in Turkey is revised. EPIAŞ is responsible of monitoring the electricity generation via electronic system called PMUM. Thus monitoring procedures of the Bandırma is revised accordingly				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 29/08/2017
The "recording frequency" of the EG _{facility,y} parameter still is not in line with the registered PDD. The measuring frequency which was stated as hourly in the registered PDD, was also discussed during the site visit. Additionally, please provide the value as indicated data unit (MWh/yr).				
Hence, CR 5 is not closed.				
Project participant response				Date: 21/09/2017
Table is revised accordingly.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 17/10/2017
The EG _{facility,y} parameter is now in line with the registered PDD.				
Hence, CR 5 is closed.				

CR ID	6	Section no.	E.6.2.	Date: 31/07/2017
Description of CR				
Please add serial number, model, type and the accuracy class of the electricity meters (for main and back-up meters) in the monitoring report under the section of "monitoring equipment" of "EG _{facility,y} " parameter.				
Project participant response				Date: 23/08/2017
It is added. Also calibration documents of the meters are provided to the DOE.				

Documentation provided by project participant	
Revised MR.	
DOE assessment	Date: 29/08/2017
The details of the electricity meters installed (for main and back- up meters) are now provided in the monitoring report under the section of “monitoring equipment” of “EG _{facility,y} ” parameter.	
Hence, CR 6 is closed.	

CR ID	7	Section no.	E.6.2.	Date: 31/07/2017
Description of CR				
Please provide monthly meter protocols of 2017 to crosscheck of the generation values and also please add crosscheck values into the calculation excel sheet.				
Project participant response				Date: 23/08/2017
It is provided to the DOE.				
Documentation provided by project participant				
Revised calculation spreadsheet				
DOE assessment				Date: 29/08/2017
The monthly meter protocols of 2017 to crosscheck of the generation values are added into the calculation excel sheet and their soft copies are provided to the verification team.				
Hence, CR 7 is closed.				

CR ID	8	Section no.	E.7.	Date: 31/07/2017
Description of CR				
Please provide first index protocol and calibration certificate of the meters to the verification team and add their dates in the MR accordingly.				
Project participant response				Date: 23/08/2017
First index protocol which shows the calibration details of the meters is provided to the DOE.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 29/08/2017
The first index protocol is now provided to the verification team. However, the date of the protocol is written as 18/0/2009 wrongly in the MR. Please correct.				
Hence, CR 8 is not closed.				
Project participant response				Date: 21/09/2017
It is corrected.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 17/10/2017
The date of the protocol is corrected as 18/09/2009 in the MR.				
Hence, CR 8 is closed.				

CR ID	9	Section no.	E.7.	Date: 31/07/2017
Description of CR				
Please add a clear explanation regarding the frequency of calibration and please state in the MR whether calibration is still valid or not.				
Project participant response				Date: 23/08/2017

“According to the Article 2 of the Communiqué of Meters in Electricity Sector: ‘The meters to be used in the electricity market shall be compliant with the standards of Turkish Standards Institute or IEC and have obtained “Type and System Approval” certificate from the Ministry of Trade and Industry.’ Therefore, Ministry of Trade and Industry (Ministry) is responsible from control and calibration of the meters. Paragraph b) of the Article 9 of the 'Regulation of Metering and Testing of Metering Systems' (Regulation) of Ministry states that: ‘ b) Periodic tests of meters of electricity, water, coal gas, natural gas and current and voltage transformers are done every 10 years.’ Therefore periodic calibration of the meters will be done every 10 years. Also according to Article 67 (page 20) of this regulation, the calibration shall be done in calibration stations which have been tested and approved by Ministry of Trade and Industry. Article 10 d) of Communiqué requires the meters shall be three phase four wire and Article 64 of Regulation clearly states how calibration shall be performed for this kind of meters. As above mentioned, the data acquisition and management and quality assurance procedures that are anyway in place, no additional procedures have to be established for the monitoring plan. “ Since the first calibration of the meters are done on 18/09/2009, it is valid till 17/09/2009.	
Documentation provided by project participant	
Revised MR.	
DOE assessment	Date: 29/08/2017
An explanation regarding the frequency of calibration and its validity are now clearly presented in the MR. Hence, CR 9 is closed.	

CR ID	10	Section no.	E.8.1.	Date: 31/07/2017
Description of CR				
The equation given under the section E.1. is not in line with the PDD. Please revise the section E.1 as per stated in the registered PDD.				
Project participant response				Date: 23/08/2017
Section E.1 is revised accordingly.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 29/08/2017
The equation given under the section E.1 is now in line with the registered PDD. Hence, CR 10 is closed.				

CR ID	11	Section no.	E.8.8.	Date: 31/07/2017
Description of CR				
The last paragraph given under the section F in the MR is not in line with the project activity. Please clarify and correct accordingly.				
Project participant response				Date: 23/08/2017
It is revised.				
Documentation provided by project participant				
DOE assessment				Date: 29/08/2017
The last paragraph given under the section F in the MR is now corrected. Hence, the number of monitoring SD parameter indicators” are now in line with the monitoring plan given in the registered GS Passport. Hence, CR 11 is closed.				

Table 3. CAR from this verification

CAR ID	1	Section no.	E.3.	Date: 31/07/2017
Description of CAR				
Please correct the issues listed below:				
- The start date of the monitoring period given in the first page is not in line with the project activity. - The format of the dates should be corrected as DD/MM/YYYY. - The technical details of the wind turbines are not given in the MR. Please add in the MR and provide supporting document. - Please provide supporting evidence regarding the correction given under the section B.2.2 in the MR. - The title of the project participant is presented differently in the documentation of the project activity. To clarify please provide the commercial registry gazette. - Completion date of the monitoring report is not in line with the project activity. - The GS ID number given in the 1st page of the MR is not in line with the project activity.				
Project participant response				Date: 23/08/2017
- Monitoring period is revised. - Date formats are revised. - Technical details of the turbines are added to the MR. Registered PDD is used as a supporting evidence. - Name of the project will be changed during the GS review period. - It is revised. Official gazette is provided to the DOE. - Please refer to CR ID 2. - It is revised.				
Documentation provided by project participant				
DOE assessment				Date: 29/08/2017
- The start date of the monitoring period given in the first page is now in line with the project activity. - The format of the dates is now corrected as a date format DD/MM/YYYY. - The technical details of the wind turbines are now given in the MR. - The project name should be given as "60 MW Bandirma Wind Power Plant Project" in line with the market registry system (registry ID: 103000000002183) through whole documentation of verification (MR, Verification Report etc.). After acceptance by the GS the correction regarding the name of project activity, both MR and Verification report should be amended properly. However, up to this time the name should remain as "60 MW Bandirma Wind Power Plant Project". Please revise through the whole report accordingly. - The title of the project participant is now presented as Bandirma Enerji ve Elektrik Uretim Ticaret A.S. in line with the Official gazette. However, section A.3 is still incorrect. - CR ID 2 is not related to the finding since it is about crediting period. However, this finding related to completion date of the monitoring report. Currently, it is revised correctly as the date when the MR is provided to the verification team. - The GS ID number given in the 1st page of the MR is now in line with the project activity.				
Hence, CAR 1 is not closed.				
Project participant response				Date: 21/09/2017
- Name of the project is corrected. - It is revised.				
Documentation provided by project participant				
Revised MR.				
DOE assessment				Date: 17/10/2017
- Name of the project is now corrected as "60 MW Bandirma Wind Power Plant Project". - Section A.3 is now corrected.				
Hence, CAR 1 is closed.				
CAR ID	2	Section no.	E.6.6. – E.8.1. – E.8.4. – E.8.5. - E.8.6. - E.8.7	Date: 31/07/2017
Description of CAR				
The project proponent decided to add the month of July 2017 to the calculations and the value of electricity consumption from the grid of October 2016 is not in line with the supporting document. Therefore, all the values in the monitoring report (including % difference) and the calculation excel sheet "Bandirma_ER Calculation.v1.xlsx" should be revised accordingly.				
Project participant response				Date: 23/08/2017
Calculations are revised.				
Documentation provided by project participant				

DOE assessment			Date: 29/08/2017
The value of electricity consumption of July 2017 is added to the calculations. However, the inconsistency of the value of “electricity consumption from the grid of October 2016” is still continuing. Please correct according to the EPIAS and revise the MR properly. Hence, CAR 2 is not closed.			
Project participant response			Date: 21/09/2017
Calculations are revised.			
Documentation provided by project participant			
Revised calculation spreadsheet			
DOE assessment			Date: 17/10/2017
The value of “electricity consumption from the grid of October 2016” is now corrected according to the EPIAS. Hence, CAR 2 is closed.			
CAR ID	3	Section no.	E.8.8
Description of CAR			

SO₂ and NO_x emissions from grid connected plants The value of the parameter is not correct since the amount of generation of July, 2017 should be added to the calculation.

Water Quality and Quantity:

Amount of Wastewater discharged to the environment: The disposal records belong to 2015 and 2016 are provided to the verification team. However, 2017 is not presented. Please provide.

Soil Condition:

Quantity and type of hazardous waste: The disposal document belong to 2015 and 2016 of the licensed company are provided to the verification team. However, 2017 is not presented. Please provide. Also please provide a clear explanation regarding the type of the hazardous wastes arising from the project activity. Please revise the "way of monitoring".

Solid waste: The project activity is a retroactive project and it is operational from 18/09/2009. The verification team is informed by the PP that providing the documentation related to construction phase is not possible. During the site visit any negative feedback regarding the parameter is not received from the villagers. Additionally, the verification team is informed that during the operation phase of the project activity solid wastes are collected and recycled in accordance with the legal "Regulations on Solid Wastes Control". There is a waste storage area in the site. When its capacity full, solid wastes are delivered to the municipality by the PP. However any supporting document is not provided regarding the parameter. Please provide accordingly.

Land usage: The parameter is monitored once during verification by checking of the site in a site visit and consulting the villagers. During the site visits it is confirmed through the interviews with the mukhtars and villagers that remaining lands are still used for forestry purposes especially growing chestnut by the villagers. However, the explanations given under the section F.1.3.b "current situation parameter" and "other data source" are not in line with the parameter. Please revise accordingly.

Biodiversity:

Impacts on birds and bats: The details regarding the parameter is given under the section of E.8.8. of this report. However, according to the last ornithological monitoring study (period between 17/01/2016 – 05/06/2016), during the spring monitoring studies, five dead bats were found in the carcass scan studies done under turbine. In the examinations, it was determined that 3 bats died due to barotrauma, 2 bats died due to collision. As a result of the ornithological studies, there is no directly negative and harmful impact on wild life especially bats and birds due to project activity. Nevertheless, the parameter should be monitored as per indicated in the registered GS Passport for the following monitoring periods.

Other Pollutants:

Noise during operation: The parameter is interviewed with the local stakeholders in line with the registered GS Passport. Only partially negative feedback is received from the mukhtar of Cakiloy Village. He said that sometimes there is noise due to weather conditions. The feedback received from the mukhtar is examined thoroughly by the verification team and as a result of that it was understood that the daily life that was noisy due to the project activity was not in a position to affect. Additionally, as per stated in the registered GS Passport, the nearest settlement is 1,800 m away (Erikli Village) from the project activity site was visited by the verification team and the mukhtar of Erikli Village was interviewed related to the parameter and there is no negative feedback is received. In addition, to verify the parameter please provide noise level measurement which is performed during operation phase.

Quality of Employment:

Training certificates: All the certificates/28-31/ during this monitoring period were provided to the verification team. As per information given by the PP during on site visit all the employees attended to the trainings. However, no supporting document for an employee regarding the certificates of his trainings. Please provide the supporting document.

Human and institutional capacity:

Reconstruction in the district hospital: The parameter could not been confirmed through any supporting evidences as per stated in the registered GS Passport.

Quantitative employment and income generation:

New employment opportunities in the region: During the site visit it is confirmed that currently 6 employees are hired during operation and 1 of them is woman employee. However the total number of employee and number of local employees are not given in the MR. Additionally, please provide the list of SGK of employees belongs to 2017 (named as "hizmet listesi") and SGK records to confirm both local and total number of employees.

Balance of payment and investments:

Amount of imported energy source: This parameter is monitored annually by calculation of amount of electricity generation. The calculation should be revised according to the CAR 2.

Technology transfer and technological self-reliance:

Purchased equipment: This parameter is monitored yearly by review of purchase agreements, operation of the WPP. However, the project is operational since 18/09/2009. Please explain by providing an objective evidence currently how the project activity is a positive contribution to technology transfer and technological self-reliance. Please revise the MR accordingly.

Balance of payment and investments:

Amount of imported energy source: This parameter is monitored annually by calculation of amount of electricity generation. The calculation should be revised according to the CAR 2.

Technology transfer and technological self-reliance:

Purchased equipment: This parameter is monitored yearly by review of purchase agreements, operation of

Project participant response	Date: 23/08/2017
- SO₂ and NO_x emissions are revised according to the electricity production values. - Water Quality and Quantity: The disposal records belong to 2017 is provided to the DOE. Soil Condition: - <u>Quantity and type of hazardous waste:</u> Documents belong to 2017 are provided to the DOE. According to the disposal documents types of the solid wastes are paper, plastic, glass and domestic waste. Explanations are added to the monitoring parameter. - <u>Solid waste:</u> According to the regulations responsibility of the solid waste collection is on the municipality. Related official documents are provided to the verification team. Additionally solid waste disposal area photos of the plant are provided to the DOE. - <u>Land usage:</u> MR. is revised. Biodiversity: - <u>Impacts on birds and bats:</u> Latest official letter which is provided by the Doğa Koruma is provided to the verification team. According to the letter turbines have no impact on birds and bats. Other Pollutants: - <u>Noise during operation:</u> According to the noise assessment report “the operational noise of the proposed Project will not exceed the Turkish noise regulation and IFC/WB daytime and nighttime noise limits. Thus, during the operation of the wind turbines, the likelihood and magnitude of the potential noise impact will be unlikely and negligible, respectively. Thus, the significance of potential noise impact is expected to be negligible.” (page 26 assessment report). Quality of Employment: - <u>Training certificates:</u> Training certificates are provided to the verification team. Human and institutional capacity: - <u>Reconstruction in the district hospital:</u> Borusan constructed a new polyclinic in the Kepsut local hospital. Photo of the opening ceremony is provided. Quantitative employment and income generation: - <u>New employment opportunities in the region:</u> MR is revised and related documents are provided. Balance of payment and investments: - <u>Amount of imported energy source:</u> Calculation is revised. Technology transfer and technological self-reliance: - <u>Purchased equipment:</u> As the project developer is a Turkish company using the returns from the GS VER project to enable the realization of the wind farm, the Turkish capabilities, competencies and self-reliance regarding the introduction of innovative technologies are strengthened. Danish manufacturer VESTAS will import wind turbines to Turkey, so a foreign technology regarding maintenance will occur. Wind turbines represent a new technology development which is highly significant for sustainable development.	
Documentation provided by project participant	
- First index protocol - Electricity gen - Official gazette - Closest settlement - Expropriation - Training certificates - Waste water - Solid waste - Ornithological report - Noise assessment - Employees - SGK registries - Polyclinic opening ceremony.	
DOE assessment	Date: 29/08/2017

Air Quality: <u>SO₂ and NO_x emissions from grid connected plants</u> The value of the parameter is now corrected in the MR.	
Water Quality and Quantity: <u>Amount of Wastewater discharged to the environment:</u> The disposal records belong to 2017 is now provided to the verification team.	
Soil Condition: <u>Quantity and type of hazardous waste:</u> The disposal documents belong to 2017 are now provided to the verification team. However the type of the hazardous wastes arising from the project activity are not provided as per stated in the indicator. The types given in the revised MR are regarding the solid wastes not hazardous wastes. Additionally, the “way of monitoring” is now corrected properly. <u>Solid waste:</u> Related official documents, which are photos and solid waste record forms, are provided to the verification team. <u>Land usage:</u> However, the explanations given under the section F.1.3.b “current situation parameter” and “other data source” are still not in line with the parameter since trees were not planted instead of plantation an excavator was donated to Forestry Operations Directorate	
Biodiversity: <u>Impacts on birds and bats:</u> Additionally, the latest official letter dated on 20/02/2017 is provided to the verification team.	
Other Pollutants: <u>Noise during operation:</u> In addition to interview with locals, the parameter is confirmed through the noise impact assessment is carried out for this project activity and this study has demonstrated that the noise due to operation of wind turbines will not exceed the national noise regulation limits.	
Quality of Employment: <u>Training certificates:</u> Training certificates for all employees are now provided to the verification team.	
Human and institutional capacity: <u>Reconstruction in the district hospital:</u> The photo provided to the verification team could not be found as an objective evidence. Please provide an additional supporting document to be verify the constructed a new polyclinic in Kepsut local hospital.	
Quantitative employment and income generation: <u>New employment opportunities in the region:</u> During the site visit it is confirmed that currently 8 employees are hired during operation by the PP. However they could not be verified through any supporting document. The provided SGK registries are related to subcontractor not PP.	
Balance of payment and investments: <u>Amount of imported energy source:</u> The calculation should be revised according to the CAR 2.	
Technology transfer and technological self-reliance: <u>Purchased equipment:</u> This parameter could not be verified yet. Please provide the yearly purchase agreements as per stated in the registered GS Passport.	
Hence, CAR 3 is not closed.	
Project participant response	Date:21/09/2017
Soil Condition: <u>Quantity and type of hazardous waste:</u> Types of the hazardous wastes are; waste oil, contaminated package, waste battery, waste filter, and waste fluorescent. It is added to the MR. <u>Land usage:</u> It is revised.	
Human and institutional capacity: <u>Reconstruction in the district hospital:</u> At the time of the construction phase name of the project owner was Borasko Enerji Kimya Sanayi A.Ş.. In 2010 name of the company was changed to Bandırma Enerji ve Elektrik Üretim Ticaret A.Ş. Official gazette that shows the change of title is provided to the DOE. As a proof picture of the “Thank you plate” which was given by the Hospital manager, is provided to the DOE.	
Quantitative employment and income generation: <u>New employment opportunities in the region:</u> Employment records are provided to the DOE.	
Technology transfer and technological self-reliance: <u>Purchased equipment:</u> Agreement is provided to the DOE.	
Documentation provided by project participant	
Revised MR.	
DOE assessment	Date:17/10/2017

Soil Condition:

Quantity and type of hazardous waste: The type of the hazardous wastes arising from the project activity are now provided as per stated in the indicator.

Land usage: The explanations given under the section F.1.3.b “current situation parameter” and “other data source” are now in line with the parameter.

Human and institutional capacity:

Reconstruction in the district hospital: The “thank you plate given by district governor of Kepsut” and Official gazette that shows the change of title of the PP are provided to the verification team could be found as objective evidences.

Quantitative employment and income generation:

New employment opportunities in the region: During the site visit it is confirmed that currently 6 employees are hired during operation by the PP. The SGK registry belongs to 2017 also is provided to the DOE.

Balance of payment and investments:

Amount of imported energy source: The calculation is now revised according to the CAR 2.

Technology transfer and technological self-reliance:

Purchased equipment: The purchase agreement as per stated in the registered GS Passport is now provided to the verification team.

Hence, CAR 3 is closed.

Table 4. FAR from this verification

FAR ID	1	Section No.	Date:
Description of FAR			
This FAR is raised by verification DOE due to a comment received in 1 st verification site visit. The next verification DOE shall interview with the mukhtar of Cakilkoy and stakeholders to ensure their opinion regarding the project activity.			
Project participant response			Date:
Documentation provided by project participant			
DOE assessment			Date:

Document information

Version	Date	Description
01.0	10/06/2016	Initial publication.