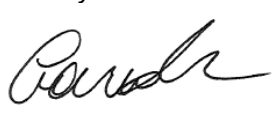




Verification and certification report form for GS project activities

VERIFICATION AND CERTIFICATION REPORT

Title of the project activity	Suloglu Wind Power Plant, Turkey
GS Reference number of the project activity	2763
Version number of the verification and certification report	1.2 Aa
Completion date of the verification and certification report	21/12/2017
Monitoring period number and duration of this monitoring period	1 st Period 19/09/2015-30/04/2017
Version number of monitoring report to which this report applies	Version 5 of 15/12/2017
Crediting period of the project activity corresponding to this monitoring period	19/09/2015 - 18/09/2022
Project participant(s)	Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi (Private Entity, Project Owner)
Host Party	Turkey
Sectoral scope(s), selected methodology(ies)	Sectoral scope 1: Energy Industries (Renewable-/non-renewable sources) ACM0002, Grid-connected electricity generation from renewable sources --- Version 16.0.0
Estimated GHG emission reductions or net anthropogenic GHG removals for this monitoring period in the registered PDD	187,976 tCO _{2e}
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	170,437 tCO _{2e}
Name of DOE	RINA Services S.p.A. (RINA)
Name, position and signature of the approver of the verification and certification report	Laura Severino – Unit Manager Sustainability & Climate Change 

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 3.3 MWm / 3.0 MWe each with a total installed capacity of 66 MWm / 60 MWe as confirmed through the Provisional Acceptance Certificates /19/. The generated electricity is fed to the national grid. The estimated net electricity production is 207,20 GWh per annum and the annual emission reductions are estimated to be 116,290 tCO_{2e} per year as confirmed through the 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.

Location

The project is located in the district of Lalapaşa, city of Edirne, Turkey. The nearest residential area is Haciler Village as confirmed through the registered PDD /1/ and Validation Report /8/.

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 Suloglu Wind Power Plant, Turkey for the period 19/09/2015 - 30/04/2017. 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 Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi has performed the verification of the emission reductions reported for the project activity Suloglu Wind Power Plant, Turkey, GS Registration Reference No. 2763 for the monitoring period 19/09/2015 - 30/04/2017, with regard to the relevant GS requirements and principles for project activities. The project was validated by Re-consult (validation report N° 344, version 04 of 05/09/2016).

The GHG emission reductions are calculated on the basis of the approved methodology ACM0002, Grid-connected electricity generation from renewable sources --- Version 16.0.0 and the monitoring plan included in the registered PDD version 07 of 23/08/2016. In our opinion the GHG emission reductions reported for the project in the monitoring report version 5 of 15/12/2017 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	EKINCI OZEN	Fulya	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 the relevant records to
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 otherwise automatically	Low	As detailed in section C.2 below, the data of the main	

	recorded activity levels.		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.	confirm whether the data collection procedure and QA/QC procedure have been well implemented.
--	---------------------------	--	---	---

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 329 and section 9.1.2.3.1 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 5 of 15/12/2017 and previous versions /3/, the emission reduction calculations provided in the form of a spreadsheet "Süloglu_ER Calculation.v1.xlsx" version 3, submitted on 18/09/2017 /9/, the approved baseline and monitoring methodology ACM0002 version 16.0 of 20/11/2014 /7/ and all the documentation provided to support the monitoring period /1 – 30/, were assessed as part of the verification. In addition, the Project Design Document (PDD) version 07 of 23/08/2016 /1/, in particular as regards the baseline estimations and the monitoring plan, the GS Passport /2/ and the validation report revision 04 of 05/09/2016 /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: 09/08/2017				
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	Lalapaşa, city of Edirne, Turkey	09/08/2017	Fulya EKINCI OZEN
2	Reviewed the information flows for generating, aggregating and reporting the monitoring parameters	Lalapaşa, city of Edirne, Turkey	09/08/2017	Fulya EKINCI OZEN
3	Checked calibration performance, reviewed calculations and assumptions made in determining the GHG data and emission reductions	Lalapaşa, city of Edirne, Turkey	09/08/2017	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	Lalapaşa, city of Edirne, Turkey	09/08/2017	Fulya EKINCI OZEN
5	Cross-checked between information provided in the monitoring report and data evidence, including the Gold Standard parameters	Lalapaşa, city of Edirne, Turkey	09/08/2017	Fulya EKINCI OZEN

D.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	SAHIN	Iklim	Life Enerji Carbon Consultant	09/08/2017	Implementation status of the project	Fulya EKINCI OZEN
2.	SAHIN	Ihsan	Steag Plant Manager	09/08/2017	Monitoring equipments and operation	Fulya EKINCI OZEN
3.	OGUN	Deniz	Steag Permits and Approvals Specialist	09/08/2017	Generated Electricity	Fulya EKINCI OZEN
4.	TAS	Mesut	Kalkansogut Village Mukhtar	09/08/2017	Monitoring of Gold Standard Parameters	Fulya EKINCI OZEN
5.	YORUK	Zekeriya	Hacilar Village Mukhtar	09/08/2017	Air quality, Noise level, Wastewater disposal, Bird and Bat Strikes, Trainings, Land acquisition	Fulya EKINCI OZEN
6.	SOLAK	Metin	Hacilar Village Aza of the Mukhtar	09/08/2017	Benefit of the project to the village	Fulya EKINCI OZEN
7.	SOLAK	Dilaver	Hacilar Village Local Stakeholder	09/08/2017	Noise Levels and Dust Emissions	Fulya EKINCI OZEN
8.	KURU	Saban	Hacilar Village Local	09/08/2017	Land acquisition	Fulya EKINCI OZEN
					Soil Condition (Roads)	Fulya EKINCI OZEN
					Bird and Bat Strikes	Fulya EKINCI OZEN

			Stakeholder			
--	--	--	-------------	--	--	--

During the on site assessment the team had interviewed with mukhtars as described above and they confirmed that all of the villagers in the vicinity of the project activity have positive opinion for the realized ongoing project activity and no complains have been issued regarding the project activity as well as dust emission or noise problem during the construction phase of the project. Additionally, the grievance log book, which is prepared by the PP and preserved in the Office of Hacilar Village, has been examined during on site visit and it was confirmed through interview with mukhtar of Hacilar Village (since he selected as a Nominated Independent Mediator by the PP as per stated in the annex W of GS) that no feedbacks or comments were received via log book.

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	1		
Compliance of the project implementation with the registered PDD	1	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	3	2	
Compliance with the calibration frequency requirements for measuring instruments	1		
Assessment of data and calculation of emission reductions or net removals		1	
Others (please specify)			
Total	7	4	

SECTION E. Verification findings

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

Means of verification	The monitoring report version 4 /3/ and previous versions submitted by the PP have been the basis for starting the verification process. RINA confirms that the Monitoring report is based on the currently valid MR template /10/.
Findings	CR 1: The format of dates given in the monitoring report shall be presented as “/”.Please check through the whole report accordingly. The format of dates given in the monitoring report are now presented correctly. Hence, CR1 is closed.
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/, 7 FARs were raised during the validation period.

FAR#01: The impact of noise to the closest residential area (Hacilar Village) shall be included in the monitoring plan and will be monitored during the first verification to ensure the validity of the appraisalment.

As per stated in the registered GS Passport, the parameter is interviewed with the villagers and heads of Hacilar and Kalkansogut Villages and DOE also asked stakeholders if they had any complaints on noise and

no complaints have been received. They just said that rarely noise occurs due to weather conditions but it doesn't affect our daily life. The parameter is verified through interviews. They have a very good relationship with the PP.

Hence, FAR 1 is closed.

FAR#02: The PP states that there will be expropriation for the turbines. This procedure will be done by following the legal steps. An expert witness will assess the lands and Project owner will buy those lands according to this price. The verifying DOE shall verify how the expropriation process of the private lands have been conducted.

As per stated in the registered GS Passport, the parameter is interviewed with the villagers and heads of Hacilar and Kalkansogut Villages. They confirmed that the expropriation process is carried out properly in line with the legal requirements and the villagers are informed regarding their legal rights at the beginning of this time by the PP. All issues related to expropriation such as payments, due process and lawsuits are finalised. On the other hand, head of Hacilar Village has opened a court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind turbine, he has requested the PP expropriates those small pieces that can't be used for farming. Due to expropriation is a legal process, without any court decision PP cannot act on this issue. As per confirmed the head of village, he has not any court decision received yet. On the other hand, he confirmed that the expropriation payments are made higher than the specified price by the PP. In addition, Business License, relevant legal regulation and official letter received from Directorate of Land Registry are provided to the verification team /.

Hence, FAR 2 is closed.

FAR#03: The PP states that if any damage will be done by the project due to construction of roads, after the construction is over, corrective actions will be taken. The verifying DOE shall verify if any damage have been done during construction and what corrective actions have been conducted if any.

As per stated in the registered GS Passport, the parameter is interviewed with the villagers and heads of Hacilar and Kalkansogut Villages. They all confirmed that village roads used during the construction phase of the project activity are left in good condition as like before the construction after finishing the project construction. In addition, a bridge has been made in the center of Lalapasa by the PP as per request by locals. The parameter is verified through interviews

Hence, FAR 3 is closed.

FAR#04: This FAR is raised by validation DOE due to comments received in validation site visit. Although expropriation is a legal process and that legal authorities may not ask for the small pieces of land around legally expropriated areas, stakeholders wish that PP expropriates those small pieces that can't be used for farming. The verification DOE shall check how the PP acted about this when the legal process has ended.

As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this when the conclusion of the lawsuit.

Hence, FAR 4 is closed and a new FAR is raised.

FAR#05: Local people have complaints regarding expropriation. Some villagers have agreed upon the expropriation with the PP and stopped the court procedures but later found out that their fields are divided in such a way that the unexpropriated portion is no longer useful for agriculture. There are also other stakeholders who still have the court process going on. During site visit interviews, stakeholders agreed with PP that they would apply with a signed declaration asking for the compensation of their loss. Please interview the stakeholders interviewed in validation site visit again in verification site visit and ask if their loss is compensated.

The villagers and head of Hacilar and Kalkansogut Villages were interviewed during the site visit. As per interview only one additional court procedure is still ongoing. The head of Hacilar Village has opened this court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind

turbine, he has requested the PP expropriates those small pieces that can't be used for farming. The locals which were interviewed during the meeting on site visit, are confirmed that the expropriation payments are made by the PP higher than the specified price for the compensation of their loss.

Hence, FAR 5 is closed.

FAR#06: The installed capacity of the project is 66 MW while the license is obtained for 60 MW. License shall be checked in first verification.

The installed capacity of the project is 66 MWm/60 MWe. in line with the license dated on 16/03/2011. Currently the project produces electricity according to the electrical power indicated in the generation license. It is confirmed that no license amendment has been done during this time.

Hence, FAR 6 is closed.

FAR#07: The PP shall provide information on the expropriation result under the monitoring report and verifying DOE shall verify the information also through interviews with the locals.

This is elaborated on the parameter of "Livelihood of the Poor" and the parameter is now clearly explained in the MR. Additionally as per indicated in the previous FARs, the villagers and heads of Hacilar and Kalkansogut Villages were interviewed on this issue during the site visit. They confirmed that the expropriation process has been finalised in line with the legal process. They are also verified that the expropriation payments are made by the PP higher than the specified price for the compensation of their loss.

Hence, FAR 7 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 "Suloglu Wind Power Plant, Turkey", version 5 of 15/12/2017 and previous versions submitted by the Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi have been the basis for the verification process. It is verified during the site visit that the proposed project activity has been implemented and it is in operation in accordance with the project activity described in the registered PDD /1/. The starting date of operation and crediting period is given as 19/09/2015 as confirmed through the Provisional Acceptance Certificate /19/. The project is a 66 MWm / 60 MWe wind power plant. The project consists of 20 wind turbines with a unit capacity of 3.3 MWm / 3.0 MWe each. It is confirmed through generation license /24/. Total output of the project is 60 MWe as per the the Provisional Acceptance Certificate /19/. The technical details of the wind turbines could not be confirmed through any objective evidence. The project boundary in the registered PDD /1/ is in line with the actual project boundary. It is indicated in the MR that the generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Edicim TM, 154 kV. It is confirmed through generation license /24/.
Findings	CAR 1: Please correct / clarify the issues listed below: - It is indicated in the MR that the generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Ediçim TM, 154 kV. However it is could not be confirmed Please provide the generation license. - GS Passport provided to the verification team is dated on 29/08/2016. However, the validation report indicates that the GS passport is dated on 29/06/2015. Please clarify the inconsistency. - The last paragraph which is given under the section C.1.2. in the MR is not consistent with the registered PDD. - The number of monitoring indicator is given as 7 indicators under the Section F in the MR. However it is not in line with the project activity. Please correct accordingly. - PIF is given as footnote for other pollutants, air quality and location of project activity. However the PIF is not provided to the verification team. - Figure 1 given in the MR is not in line with the registered PDD, page 41. Please clarify.

	- There is an explanation given related to SCADA system of Nordex under the section C.1.2 in the MR. However any information regarding to the explanation could not be found in the registered PDD. Please clarify. - There is an explanation given by referring to registered PDD related to obligation for the calibration of the appropriate meters under the section C.1.2 in the MR. However, any information regarding to the explanation could not be found in the registered PDD. Please clarify. - The milestone table under the section B.1. in the MR does not contain exact commissioning date, registration and validation completion dates. - The technical design of the selected model Vestas V126 3.3MW with 20 turbines of Vestas V126 3.3MW under the section A.2. in the MR. However, any objective evidence to confirm the technical specifications of turbines is not provided. - Project participant stated as "Steag Enerji A.S" under the section A.3. in the MR is not in line with the project activity. - The generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Ediçim TM, 154 kV is now confirmed through the generation license. - GS Passport provided to the verification team dated on 29/08/2016 is the latest version of its and the explanation is found sufficient. - The section C.1.2. in the MR is now consistent with the registered PDD. - The number of monitoring parameter is now corrected as "8" under Section F. - PIF provided as a footnote in the MR is now provided to the verification team. - Figure 1 given in the MR is now in line with the registered PDD, page 41. - There is an explanation given related to SCADA system of Nordex under the section C.1.2 in the MR is now corrected according to the project activity. - Obligation for the calibration of the appropriate meters under the section C.1.3 in the MR is now revised and in line with the registered PDD: - The milestone table under the section B.1. in the MR now contains exact commissioning date, registration dates and "end date of the first monitoring period". - The technical specifications of the turbines is verified during the site visit. - Project participant stated as "Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi (hereafter referred to as "Steag Enerji"). The section A.3. in the MR is now in line with the project activity. - The date given in the table 2 for "end date of the crediting period" is now corrected as "end date of the monitoring period" in line with the project activity. <u>Hence, CAR 1 is closed.</u> CR 2: Under the section A.5. in the MR, the start date of crediting period of project activity is given as 20/08/2014. The date given is not in line with the project activity. Please correct. The crediting period is revised as 19/09/2015-18/09/2022 and it is now in line with the project activity. <u>Hence, CR 2 is closed.</u>
Conclusion	Based on the onsite inspection and checking the above documents, RINA confirms that 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

It is indicated in the MR the carbon consultant firm of Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi "Future Camp Turkey" changed its company name as Life Iklim ve Enerji Ltd. Sti.

Additionally, for the balance of payment and investments indicator, as per stated in the GS Passport the data of 2013 has been used during the validation processes. However, all other data relevant to calculation of the parameter belong to 2012. To avoid the inconsistency, the value of 2012 of "natural gas consumed for electricity generation" has been taken into account for calculating correctly the parameter "Total Payment Avoided for Natural Gas Import by the Project per year".

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

Not applicable.

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

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

Not applicable

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 "Grid-connected electricity generation from renewable sources" version 16.0 of 20/11/2014 /7/ . It is confirmed through the registered PDD and Validation Report, the following tools are also applicable to the project activity: Tool to calculate the emission factor for an electricity system, version 04.0 /11/ ; "Tool for the demonstration and assessment of additionality", version 07.0 of 23/11/2011 /12/ .
Findings	CR 3: Please correct/clarify the issues listed below: - Please indicate the title of the applied methodology under the section A.4. in the MR. - Please also provide tools and other methodologies to which the applied methodology refers by referring to the UNFCCC CDM website for the exact reference of the applied methodologies, tools etc. - The title of the applied methodology under the section A.4. is now corrected in the MR. - Tools are now provided under the section A.4. Hence, CR 3 is closed.
Conclusion	The monitoring plan in the registered PDD /1/ is in accordance with the monitoring methodology ACM0002 "Grid-connected electricity generation from renewable sources" version 16.0 of 20/11/2014 /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	TEIAS statistics	0.5612 tCO ₂ /MWh	As per the approved methodology ACM0002

	Emission Factor			version 16.0, 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 0.5612 tCO ₂ /MWh in the registered PDD /1/ and validation report /8/.
Findings	CR 4: Please add the following ex-ante parameters in line with the registered PDD in the MR; EF_{grid,CM,y}, EF_{grid,BM,y}, EF_{grid,OM,y}, and Net electricity generation. EF_{grid,CM,y}, EF_{grid,BM,y}, EF_{grid,OM,y}, and Net electricity generation are now added in the MR 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/year” by two electricity meters. The main meter is EMH - LZQJ-XC with serial number 4784493 and the backup meter is EMH - LZQJ-XC with serial number 4784494. The electricity meters are first installed on 20/06/2015 as confirmed through the index protocol /20/. The accuracy of the meters is 0.5s (Cl.2) as confirmed through the first index protocol /20/, performed by TEIAS. 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 will be also confirmed during the site visit. This parameter is recorded monthly and the value of net electricity generation is calculated for this monitoring period as “303,702.94 MWh”. It is confirmed through calculation excel sheet /9/ and monthly electricity records within the Monitoring Period /15/.
Findings	CAR 2: Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the “Süloglu_ERCalculation.v1.xlsx” excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised. The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly. Hence, CAR 2 is closed. CAR 3: Quantities of electricity supplied to the grid given in the “Süloglu_ERCalculation.v1.xlsx” excel sheet are not in line with the monthly meter readings of September, October, November 2015 and September 2016. In addition, quantity of electricity consumption from the grid for September 2016 is also not in line with the monthly meter readings. Please clarify and correct the “Süloglu_ERCalculation.v1.xlsx” excel sheet accordingly. The amounts of the generation for the first three months and also for September 2016 are now corrected according to the monthly meter reading values

	Hence, CAR 3 is closed. CR 5: The QA/QC procedures of the $EG_{\text{facility},y}$ parameter is not in line with the registered PDD. The $EG_{\text{facility},y}$ parameter is now in line with the registered PDD. Hence, CR 5 is closed. CR 6: The model and serial number of the electricity meters are not given correctly in the MR. The model and serial number of the electricity meters are now in line with the registered PDD. Hence, CR 6 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/ .

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	TEAIS 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 the meters were tested on 30/09/2016 as confirmed through the test report /21/ . 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/ . During the monitoring period, no brake down has been recorded, it is confirmed via interview with the PP during the site visit.
Findings	CR 7: Please correct/clarify the issues listed below: - Please clarify whether re-calibration is required for this monitoring period or not. - Please provide the meters' calibration reports performed by the supplier. - It is confirmed via interview with the PP that there is no need to calibration and no differences occur between primary and secondary devices during the monitoring period. - The details regarding the calibration procedure are now given under the QA/QC procedure in the $EG_{\text{facility},y}$ parameter. 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 PDD /1/ .

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 CO_2 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 CO_2 emission factor for grid connected power generation in year. $BE_y = (EG_y - EG_{\text{baseline}}) \times EF_{\text{grid,CM},y}$ Where: BE_y = Baseline emissions in year y (tCO_2/yr). EG_y = Electricity supplied by the project activity to the grid (MWh). EG_{baseline} = Baseline electricity supplied to the grid in the case of modified or
------------------------------	--

	retrofit facilities (MWh). For new power plants this value is taken as zero. $EF_{grid,CM,y}$ = 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”(v.4). Baseline Emission in 2015 (starting from 19/09/2015 to 31/12/2015): $BE\ 2015 = 39,461.30\ [MWh] * 0.5612\ [tCO_2/MWh] = 22,145\ tCO_2$ Baseline Emission in 2016: $BE\ 2016 = 206,532.88\ [MWh] * 0.5612\ [tCO_2/MWh] = 115,906\ tCO_2$ Baseline Emission in 2017 (01/01/2017 to 30/04/2017): $BE\ 2017 = 14,710.30\ [MWh] * 0.5612\ [tCO_2/MWh] = 32,386\ tCO_2$
Findings	CAR 2: Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the “Süloglu_ERCalculation.v1.xlsx” excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised. The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly. Hence, CAR 2 is closed. CAR 3: Quantities of electricity supplied to the grid given in the “Süloglu_ERCalculation.v1.xlsx” excel sheet are not in line with the monthly meter readings of September, October, November 2015 and of September 2016. In addition, quantity of electricity consumption from the grid for September 2016 is also not in line with the monthly meter readings. Please clarify and correct the “Süloglu_ERCalculation.v1.xlsx” excel sheet accordingly. The amounts of the generation for the first three months and also for September 2016 are now corrected according to the monthly meter reading values Hence, CAR 3 is closed.
Conclusion	RINA verified that the baseline emissions were calculated in accordance with the registered PDD and methodology ACM0002 “Grid-connected electricity generation from renewable sources” version 16 of 20/11/2014 /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 as per the ACM0002 /7/ as defined in the registered PDD /1/ .

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 grid-connected electricity generation from renewable sources” /7/ , the emission reductions have been calculated based on the following formula:
------------------------------	---

	$ER_y = BE_y - PE_y - L_y$ Where: BE_y = Baseline emissions in year y (tCO₂e/yr) PE_y = Project emissions in year y (tCO₂e/yr) L_y = Leakage emissions in year y (tCO₂e/yr) Emission Reduction in 2015 (starting from 19/09/2015 to 31/12/2015): $ER_{y\ 2015} = 22,145 - 0 - 0 = 22,145\ tCO_2$ Emission Reduction in 2016: $ER_{y\ 2016} = 115,906 - 0 - 0 = 115,906\ tCO_2$ Emission Reduction in 2017 (01/01/2017 to 30/04/2017): $ER_{y\ 2017} = 32,386 - 0 - 0 = 32,386\ tCO_2$
Findings	CAR 2: Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the "Süloglu_ERCalculation.v1.xlsx" excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised. The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly. 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 5 of 15/12/2017 /3/ is equivalent to 170,437 tCO _{2e} . As per stated in the registered PDD, the estimated annual ERs were calculated as 116,290 tCO _{2e} . Hence, the reported emission reductions are 9.3% lower than the estimated emission reduction of 187,976 tCO _{2e} for the period 19/09/2015-30/04/2017 (590 days) as per the registered PDD /1/ .
Findings	CAR 2: Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the "Süloglu_ERCalculation.v1.xlsx" excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised. The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly. Hence, CAR 2 is closed.
Conclusion	Verified during the onsite visit that the reported emission reductions are lower than the estimated emission reductions in the registered PDD /1/ .

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

Means of verification	The emission reductions from the project for the monitoring period as reported in the monitoring report version 5 of 15/12/2017 /3/ is equivalent to 170,437 tCO _{2e} . The reported emission reductions are 9.3% lower than the estimated emission reduction of 187,976 tCO _{2e} for the period 19/09/2015-30/04/2017 (590 days) as per
------------------------------	--

	the registered PDD /1/ .
Findings	CAR 2: Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the "Süloglu_ERCalculation.v1.xlsx" excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised. The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly. Hence, CAR 2 is closed.
Conclusion	The actual emission reduction is 9.3% lower than the estimated reduction given in the registered PDD /1/ . The reason of the difference between the actual and estimation emission reduction is explained related to low wind speed than expected.

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 are calculated as 170,437 tCO _{2e} for the period 19/09/2015-30/04/2017 (590 days).
Findings	CAR 2: Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the "Süloglu_ERCalculation.v1.xlsx" excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised. The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly. Hence, CAR 2 is closed.
Conclusion	It is verified that the emission reductions from the project for the monitoring period as reported in the monitoring report version 5 of 15/12/2017 /3/ is equivalent to 170,437 tCO _{2e} . 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 CO and NMVOC emissions Level of dust emissions during construction of the project activity	Electricity Generation and Calculation Interview with the local people	- CO 0.160 tons/GWh - NMVOC 0.034 tons/GWh
	Assessment <i>Amount of CO and NMVOC emissions:</i> The parameter is monitored annually by calculation with the Turkey's GHG Inventory and TEIAS Statistics. The value of the parameter is calculated via CO 0.160 tons/GWh and NMVOC 0.034 tons/GWh as confirmed through the calculation excel sheet /9/. The amount of avoided emissions are calculated as 10.4 tons NMVOC and 48.7 tons CO confirmed through electricity generation and calculation /9/. <i>Level of dust emissions during construction of the project activity:</i> Dust emission due to construction activity will be monitored once in first verification by		

interview with the local people as per indicated in the registered GS Passport.

Data variable	Source of Data	Reported value for the project period
Water Quality and Quantity Amount of wastewater to be discharged to the environment Payment receipts of transferred waste water, which is generated on site.	Electricity Generation and Calculation /9/ Records of transfer of waste water from power plant by sewage truck /22/ /23/	7,991,912 m ³ avoided waste water amount

Assessment

Amount of wastewater to be discharged to the environment The parameter is monitored annually by calculation amount of annual net electricity generation. The relevant calculation is provided to the verification team. The amount of avoided waste water is calculated as 7,991,912 m³ confirmed through Electricity Generation and Calculation /9/

Payment receipts of transferred waste water, which is generated on site: The parameter is monitored annually through records of transfer of waste water from power plant by sewage truck. The relevant records are provided to the verification team.

Data variable	Source of Data	Reported value for the project period
Quality of Employment Health & Safety conditions of employers	Training attendance list and/or certificates. Safety measures and equipments /26-31/	Totally 7 employees hired by the PP participated to the trainings.

Assessment

Health & Safety conditions of employers: The parameter is monitored annually (once at the end of the each monitoring period) through training certificates and/or attendance records. Safety measures and equipments are checked by the verification team, during the site visit. Additionally, the PP gave a detailed presentation regarding the health and safety and protective equipments used in the project activity site. All the trainings /26-31/ during this monitoring period were provided to the verification team. The total number of employee is 7 and it is presented through SGK records /14/ and their Health & Safety trainings are also verified during the site visit.

Data variable	Source of Data	Reported value for the project period
Biodiversity Number of bird strikes to the turbines.	Site visit observation	There is no bird strikes observed to the turbines

Assessment

Number of bird and bat strikes: The parameter is monitored once at the verification by observation of measures during site visit with DOE. The project area was assessed as a way of ornithological dated September 2011, according to the assessments performed by the expert /25/ the project area where is not being an important area for birds and is not being on bird migration routes. As per stated in the registered GS Passport /2/, site visit observation is done by the verification team and additionally the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Village detailed in the section

D.3 of this report and no negative comment has been received. The parameter is verified through interviews.

Data variable	Source of Data	Reported value for the project period
Balance of payment and investments Amount of payment for natural gas to be imported for electricity generation	Electricity Generation and Calculation /9/	The total payment avoided for natural gas imported by the project activity per year is calculated as 12,107,808 EUR

Assessment

Amount of payment for natural gas to be imported for electricity generation:
This parameter is monitored annually by calculation of amount of annual net electricity generation. The total payment avoided for natural gas imported by the project activity per year is calculated as 12,107,808 EUR and the amount of avoided imported natural gas by project activity per year is calculated as 28,961,406 m³ in the "Suloglu_ER Calculation.v1.xlsx" excel sheet /9/.

Data variable	Source of Data	Reported value for the project period
Other Pollutants Noise level during construction period and operation of the project activity	Interview with locals	N/A

Assessment

Noise level during construction period and operation of the project activity:
The parameter is monitored during the first monitoring period by interview with the locals during the site visit. As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Villages and DOE also asked stakeholders if they had any complaints on noise and no complaints have been received. They just said that rarely noise occurs due to weather conditions but it doesn't affect our daily life. Hence, the parameter is verified through interviews.

Data variable	Source of Data	Reported value for the project period
Soil Condition Impact of project activity over roads	Interview with the locals	N/A

Assessment

Impact of project activity over roads: As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Village. They all confirmed that village roads used during the construction phase of the project activity are left in good condition as like before the construction after finishing the project construction. In addition, a bridge has been made in the center of Lalapasa by the PP as per request by locals. The parameter is verified through interviews.

Data variable	Source of Data	Reported value for the project period
---------------	----------------	---------------------------------------

	<table><tr><td>Livelihood of the Poor Land acquisition</td><td>Interview with the locals</td><td>N/A</td></tr><tr><td colspan="3">Assessment</td></tr><tr><td colspan="3"><u>Livelihood of the Poor</u> As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this issue when the conclusion of the lawsuit.</td></tr></table>	Livelihood of the Poor Land acquisition	Interview with the locals	N/A	Assessment			<u>Livelihood of the Poor</u> As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this issue when the conclusion of the lawsuit.		
Livelihood of the Poor Land acquisition	Interview with the locals	N/A								
Assessment										
<u>Livelihood of the Poor</u> As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this issue when the conclusion of the lawsuit.										
Findings	CAR 4: Air Quality: <u>Amount of CO and NMVOC 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 CO 0.160 tons/GWh and NMVOC 0.034 tons/GWh as confirmed through the calculation excel sheet /9/. However, these calculation should be revised according to the corrected electricity generation calculation. <u>Level of dust emissions during construction of the project activity:</u> Dust emission due to construction activity will be monitored once in first verification by interview with the local people as per indicated in the registered GS Passport. Water Quality and Quantity: <u>Amount of wastewater to be discharged to the environment</u> The parameter is monitored annually by calculation amount of annual net electricity generation. The relevant calculation is provided to the verification team. However it should be revised according to the corrected electricity generation calculation. Quality of Employment: <u>Health & Safety conditions of employers:</u> The parameter is monitored annually (once at the end of the each monitoring period) through training certificates and/or attendance records. However, safety measures and equipments will be checked by the verification team, during the site visit. The trainings during this monitoring period were provided to the verification team. However, the total number of employees and their Health & Safety trainings' certificates will be discussed during the site visit since some of the employees certificates are not related to HSE training as well as there are some missing certificates are determined. In addition, "Chosen parameter", Current situation of parameter "and "future target for parameter" definitions given for the indicator of quality of employment (F.1.3.a) is not in line with the registered GS Passport. Please correct. Biodiversity: <u>Number of bird and bat strikes:</u> The parameter is monitored once at the verification by observation of measures during site visit with DOE. The one day site observation could not be a proper way to monitor number of bird and bat strikes. If there is an ornithology report please provide to the DOE Balance of payment and investments <u>Amount of payment for natural gas to be imported for electricity generation:</u> This parameter is monitored annually by calculation of amount of annual net electricity generation. However, the calculation given in the "Süloglu_ER Calculation.v1.xlsx" excel sheet should be revised according to the corrected electricity generation calculation. Other Pollutants: <u>Noise level during construction period and operation of the project activity:</u> The parameter is monitored during the first monitoring period by interview with the locals									

during the site visit. Therefore the parameter will be interviewed with local.

Soil Condition:

Impact of project activity over roads: The parameter is monitored once for the first monitoring period by interview with the locals during the site visit. Therefore the parameter will be interviewed with local.

Livelihood of the Poor:

Livelihood of the Poor This parameter is monitored once at the first verification period by interview to check whether the process is carried out properly according to legal requirements and that land owners are compensated fairly. Therefore the parameter will be interviewed with local.

Air Quality:

Amount of CO and NMVOC emissions: During the site visit the amount of electricity is discussed and the values taken from EPIAS are rechecked with the PP and the inconsistencies are removed and confirmed.

Level of dust emissions during construction of the project activity: During the site visit, the parameter is confirmed by positive feedbacks received from the locals regarding the mitigation measures taken by the PP.

Water Quality and Quantity:

Amount of wastewater to be discharged to the environment: During the site visit it is confirmed that 7 employees are working for this project activity. The calculation is revised according to the corrected number of employees.

Quality of Employment:

Health & Safety conditions of employers: Health & Safety trainings' certificates of all employees are provided to the verification team and additional certificates (fire awareness, first aid, working at height) are also provided to the verification team. "Chosen parameter", Current situation of parameter "and "future target for parameter" definitions given for the indicator of quality of employment (F.1.3.a) are now in line with the registered GS Passport.

Biodiversity:

Number of bird and bat strikes: The project area was assessed as an ornithologically dated September 2011, according to the assessments performed by the expert the project area where is not being an important area for birds and is not being on bird migration routes. As per stated in the registered GS Passport, site visit observation is done by the verification team and additionally the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Village and no negative comment has been received. The parameter is verified through interviews.

Balance of payment and investments

Amount of payment for natural gas to be imported for electricity generation: The "amount of Natural Gas Combusted for Electricity Generation data belongs to 2013 is considered mistakenly during the validation time even though all of the calculation is conducted according to 2012 data. As per explanation of the PP, during the monitoring period the amount of payment for natural gas to be imported for electricity generation is calculated according to 2012 data to be consistent.

Other Pollutants:

Noise level during construction period and operation of the project activity: As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Villages and DOE also asked stakeholders if they had any complaints on noise and no complaints have been received. They just said that rarely noise occurs due to weather conditions but it doesn't affect our daily life. The parameter is verified through interviews.

Soil Condition:

Impact of project activity over roads: As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut

	Village. They all confirmed that village roads used during the construction phase of the project activity are left in good condition as like before the construction after finishing the project construction. In addition, a bridge has been made in the center of Lalapasa by the PP as per request by locals. The parameter is verified through interviews. Livelihood of the Poor: <u>Livelihood of the Poor:</u> As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this issue when the conclusion of the lawsuit. Please refer to FAR 4. Hence, CAR 4 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.

SECTION F. Internal quality control

The draft final verification report before being submitted to the client 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 "Suloglu Wind Power Plant, Turkey", GS Registration Reference No. 2763 for the period 19/09/2015 – 30/04/2017, 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 latest version of monitoring report (version 5 of 15/12/2017) [/3/](#) for the project activity "Suloglu Wind Power Plant, Turkey" for the period 19/09/2015-30/04/2017 are fairly stated. The GHG emission reductions were calculated correctly on the basis of the approved monitoring methodology ACM0002, Grid-connected electricity generation from renewable sources --- version 16.0.0. Hence RINA is able to certify that the emission reductions from the project during the monitoring period 19/09/2015-30/04/2017 amount to 170,437 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 S.p.A.
SS(s)	Sectoral Scope(s)
TA(s)	Technical Area(s)
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard

Appendix 2. Competence of team members and technical reviewers



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, VAL, 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
5	06/12/2017	Update qualification as VAL

Head of QPT
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/riconosciuto da
RINA Services S.p.A. is accredited/recognized by

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

GHG_QUAL_CERT_EN_07_16 Voluntary(Certificate)

Page 1 of 1

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
RINA Services S.p.A. is accredited /recognized by

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:

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.

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

RINA Services S.p.A. è accreditata/recognized by

UNFCCC	quali Entity Operative Designate (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
Ecologic 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

Appendix 3. Documents reviewed or referenced

No	Author	Title	References to the document	Provider
1	Life Enerji.	GS-PDD for "Suloglu Wind Power Plant, Turkey" in Turkey	version 07 of 23/08/2016	Project participant
2	Life Enerji.	Gold Standard Passport for Project Activity "GS_Passport_SuloğluWPP_29082016_clean.doc"	date 29/08/2016 of	Project participant
3	Life Enerji	Monitoring Report of "Suloglu WPP_MR_v1.doc" Monitoring Report of "Suloglu WPP_MR_v2.doc" Monitoring Report of "Suloglu WPP_MR_v3.doc" Monitoring Report of "Suloglu WPP_MR_v4.doc" Monitoring Report of "Suloglu WPP_MR_v5.doc"	version 1 of 24/05/2017 version 2 of 21/07/2017 version 3 of 18/09/2017 version 4 of 22/09/2017 version 5 of 15/12/2017	Project participant
4	Gold Standard Foundation	Gold Standard Requirements	version 2.2 of 01/07/2012	Publicly available
5	Gold Standard Foundation	Gold Standard Toolkit	version 2.2 of 01/07/2012	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", "Grid-connected electricity generation from renewable sources"	version 16.0 of 20/11/2014	Publicly available
8	Re-consult	Validation Report for "Suloglu Wind Power Plant, Turkey" Validation Report N° 344	version 04 of 05/09/2016	Others
9	Life Enerji	Emission Reduction Calculation Spreadsheet "Suloglu_ER Calculation.v1.xlsx" Emission Reduction Calculation Spreadsheet "Suloglu_ER Calculation.v2.xlsx" Emission Reduction Calculation Spreadsheet "Suloglu_ER Calculation.v3.xlsx"	version 01 submitted on 13/06/2017 version 02 submitted on 21/07/2017 version 03 submitted on 18/09/2017	Project participant
10	CDM Executive Board	Guideline for Completing the Monitoring Report Form	version 06.0 of 07/06/2015	Publicly available
11	CDM Executive Board	Methodological Tool "Tool to calculate the emission factor for an electricity system"	version 04.0.0 of 04/10/2013	Publicly available
12	CDM Executive Board	Methodological Tool "Tool for the demonstration and assessment of additionality"	version 07.0.0 of 23/11/2012	Publicly available
13	The Gold Standard Foundation	6-week registration review period under GS version 2.2	date 23/09/2016 of	Others
14	Social Insurance Institution	SGK Records for the Project Activity Employees	date 15/05/2017 of date 23/10/2015 of	Project participant
15	Market Financial Settlement Center (EPIAS)	Monthly Electricity Records within the Monitoring Period	from 19/09/2015 to 30/04/2017	Project participant

16	TEIAS	Monthly Meter Readings	from 19/09/2015 to 30/04/2017	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	Ministry of Energy and Natural Resources	Provisional Acceptance Certificate of Turbines #7,8,9,10,11,12 Provisional Acceptance Certificate of Turbines #1,2,34,5,6, Provisional Acceptance Certificate of Turbines #13, 14, 15, 16, 17, 18, 19, 20	date 18/09/2015 of date 11/10/2015 of date 13/11/2015 of	Project participant
20	TEIAS	Electricity Meter First Index Protocol	date 20/11/2015 of	Project participant
21	TEIAS	Electricity Meter Test Report	date 02/06/2015 of	Project participant
22	Marmara Vidanjor	Invoices of wastewater transported by sewage trucks	date 04/11/2015 of date 12/07/2016 of	Project participant
23	Lalapasa Municipality	Invoices of wastewater transported by sewage trucks	date of 03/04/2016 03/06/2016 15/08/2016 05/10/2016 09/02/2017	Project participant
24	Energy Market Regulatory Authority	Generation License EU/3118-7/1873	date of 16/03/2011	Project participant
25	Assoc. Dr Zafer AYAS , Hacettepe University	Ornithology Report	date of 09/2011	Project participant
26	Special Provincial Administration of Edirne	Official Letter of Building License Exemption (regarding the public land)	date 23/05/2017 of	Project participant
27	Lalapasa Governorship, Directorate of Land Registry	Official Petition of Building License Exemption (regarding the public land)	date 16/05/2017 of	Project participant
28	Steag	Petition regarding the correction of incorrect electricity production readings made in October, 2015	date 20/11/2015 of	Project participant
29	TEIAS	Official Letter regarding the correction of incorrect electricity production readings made in November 2016	date 20/12/2016 of	Project participant
30	Special Provincial Administration of Edirne	Business License 2017-3 of Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi	date 12/06/2017 of	Project participant

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

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

FAR ID	1	Section no.	Date:
--------	---	-------------	-------

Description of FAR	
The impact of noise to the closest residential area (Hacilar Village) shall be included in the monitoring plan and will be monitored during the first verification to ensure the validity of the appraisalment.	
Project participant response	Date:
The noise level will be monitored by interview with locals during the first verification. This indicator is included in the MR and will be changed, if necessary, according to the interview with the locals.	
Documentation provided by project participant	
DOE assessment	Date: 11/08/2017
As per stated in the registered GS Passport, the parameter is interviewed with the villagers and heads of Hacilar and Kalkansogut Villages and DOE also asked stakeholders if they had any complaints on noise and no complaints have been received. They just said that rarely noise occurs due to weather conditions but it doesn't affect our daily life. The parameter is verified through interviews. They have a very good relationship with the PP.	
Hence, FAR 1 is closed.	

FAR ID	2	Section no.		Date:
Description of FAR				
The PP states that there will be expropriation for the turbines. This procedure will be done by following the legal steps. An expert witness will assess the lands and Project owner will buy those lands according to this price. The verifying DOE shall verify how the expropriation process of the private lands have been conducted.				
Project participant response				Date:
The land acquisition is under the monitoring parameters, in the MR. During the site visit, DOE will have interviews with the private land owners				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
As per stated in the registered GS Passport, the parameter is interviewed with the villagers and heads of Hacilar and Kalkansogut Villages. They confirmed that the expropriation process is carried out properly in line with the legal requirements and the villagers are informed regarding their legal rights during this time by the PP. All issues related to expropriation such as payments, due process and lawsuits are finalised. On the other hand, head of Hacilar Village has opened a court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind turbine, he has requested the PP expropriates those small pieces that can't be used for farming. Due to expropriation is a legal process, without any court decision PP cannot act on this issue. As per confirmed the head of village, he has not any court decision received yet. On the other hand, he confirmed that the expropriation payments are made higher than the specified price by the PP. The PP will provide supporting document regarding the expropriation finalised. Please also clarify the situation in the MR accordingly.				
Hence, FAR 2 is not closed.				
Project participant response				Date: 18/09/2017
As DOE clearly explained expropriation process is completed. The relevant lawsuit that DOE mention is between government and Muhtar. Unfortunately there is no legal document stating that all of the expropriation process is completed. In Turkey, you don't receive a single document, but if you want to you can check every single land from land registry administration. Instead of this, DOE saw the business license of the WPP. Paragraph 1 of Article 6 of the Regulation on the Establishment and Operation of the Workplace states that "Where the applicant is the owner of the property and it is possible for the administration to have access to the title deed records, no title deed can be obtained from the applicants; Only the information necessary to access the land register with the declaration is obtained. The validity of the declaration of property is confirmed by the competent authorities through the Land Registry and Cadastre Information System (TAKBIS). " Please see the relevant Regulation's link: http://www.mevzuat.gov.tr/Metin.Aspx?MevzuatKod=3.5.20059207&MevzuatIliski=0&sourceXmlSearch=i%C5%9Fyeri%20a%C3%A7ma				
This statement explains the need to complete all property acquisitions in order to be granted a license. Lastly the license is now submitted to DOE.				
Now, in the MR it is clearly stated that expropriation process relevant with the project site area is now completed.				
Documentation provided by project participant				
Business license titled "İşyeri açma ruhsatı"				
Suloglu WPP_MR_v3				

DOE assessment	Date: 19/09/2017
Business License, relevant legal regulation and official letter received from Directorate of Land Registry are provided to the verification team. All procedure has been conducted legally and during the meeting on site visit it is verified through interviews with the villagers and they confirmed that they were informed by the PP about their legal rights on this issue. Hence, FAR 2 is closed.	

FAR ID	3	Section no.		Date:
Description of FAR				
The PP states that if any damage will be done by the project due to construction of roads, after the construction is over, corrective actions will be taken. The verifying DOE shall verify if any damage have been done during construction and what corrective actions have been conducted if any.				
Project participant response				Date:
DOE will interview with the locals during the site-visit.				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
As per stated in the registered GS Passport, the parameter is interviewed with the villagers and heads of Hacilar and Kalkansogut Villages. They all confirmed that village roads used during the construction phase of the project activity are left in good condition as like before the construction after finishing the project construction. In addition, a bridge has been made in the center of Lalapasa by the PP as per request by locals. The parameter is verified through interviews. Hence, FAR 3 is closed.				

FAR ID	4	Section no.		Date:
Description of FAR				
This FAR is raised by validation DOE due to comments received in validation site visit. Although expropriation is a legal process and that legal authorities may not ask for the small pieces of land around legally expropriated areas, stakeholders wish that PP expropriates those small pieces that can't be used for farming. The verification DOE shall check how the PP acted about this when the legal process has ended.				
Project participant response				Date:
The land acquisition is under the monitoring parameters, in the MR. During the site visit, DOE will have interviews with the private land owners				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
As per indicated related sections, even though the legal process is finalised, a court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind turbine which is sued by the head of Hacilar Village. He has requested the PP expropriates those small pieces that can't be used for farming. Due to expropriation is a legal process, without any court decision PP cannot act on this small pieces. He has not any court decision received regarding the inactive small pieces yet. On the other hand, he confirmed that the expropriation payments are made by the PP higher than the specified price. It is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. The PP will provide supporting document regarding the expropriation finalised. Please also clarify the situation in the MR accordingly. Hence, FAR 4 is not closed.				
Project participant response				Date: 18/09/2017

As DOE clearly explained expropriation process is completed. The relevant lawsuit that DOE mention is between government and Muhtar. Unfortunately there is no legal document stating that all of the expropriation process is completed. In Turkey, you don't receive a single document, but if you want to you can check every single land from land registry administration. Instead of this, DOE saw the business license of the WPP. Paragraph 1 of Article 6 of the Regulation on the Establishment and Operation of the Workplace states that "Where the applicant is the owner of the property and it is possible for the administration to have access to the title deed records, no title deed can be obtained from the applicants; Only the information necessary to access the land register with the declaration is obtained. The validity of the declaration of property is confirmed by the competent authorities through the Land Registry and Cadastre Information System (TAKBIS). " Please see the relevant Regulation's link: http://www.mevzuat.gov.tr/Metin.Aspx?MevzuatKod=3.5.20059207&MevzuatIliski=0&sourceXmlSearch=i%C5%9Fyeri%20a%C3%A7ma This statement explains the need to complete all property acquisitions in order to be granted a license. Lastly the license is now submitted to DOE. Now, in the MR it is clearly stated that expropriation process relevant with the project site area is now completed.	
Documentation provided by project participant	
Business license titled "İşyeri açma ruhsatı" Suloglu WPP_MR_v3	
DOE assessment	Date: 11/08/2017
As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this when the conclusion of the lawsuit. Hence, FAR 4 is closed and a new FAR is raised.	

FAR ID	5	Section no.		Date:
Description of FAR				
Local people have complaints regarding expropriation. Some villagers have agreed upon the expropriation with the PP and stopped the court procedures but later found out that their fields are divided in such a way that the unexpropriated portion is no longer useful for agriculture. There are also other stakeholders who still have the court process going on. During site visit interviews, stakeholders agreed with PP that they would apply with a signed declaration asking for the compensation of their loss. Please interview the stakeholders interviewed in validation site visit again in verification site visit and ask if their loss is compensated.				
Project participant response				Date: 21/07/2017
The land acquisition is under the monitoring parameters, in the MR. During the site visit, DOE will have interviews with the private land owners				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
The villagers and head of Hacilar and Kalkansogut Villages were interviewed during the site visit. As per interview only one court procedure is still ongoing. The head of Hacilar Village has opened this court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind turbine, he has requested the PP expropriates those small pieces that can't be used for farming. Due to expropriation is a legal process, without any court decision PP cannot act on this issue. As per his confirmation, he has not any court decision received on this issue yet. Additionally, he confirmed that the expropriation payments are made higher than (nearly four times) the specified price by the PP. The PP will provide supporting document regarding the expropriation finalised. Please also clarify the situation in the MR accordingly. Hence, FAR 5 is not closed.				
Project participant response				Date: 18/09/2017

As DOE clearly explained expropriation process is completed. The relevant lawsuit that DOE mention is between government and Muhtar. Unfortunately there is no legal document stating that all of the expropriation process is completed. In Turkey, you don't receive a single document, but if you want to you can check every single land from land registry administration. In stead of this, DOE saw the business license of the WPP. Paragraph 1 of Article 6 of the Regulation on the Establishment and Operation of the Workplace states that "Where the applicant is the owner of the property and it is possible for the administration to have access to the title deed records, no title deed can be obtained from the applicants; Only the information necessary to access the land register with the declaration is obtained. The validity of the declaration of property is confirmed by the competent authorities through the Land Registry and Cadastre Information System (TAKBIS). " Please see the relevant Regulation's link: http://www.mevzuat.gov.tr/Metin.Aspx?MevzuatKod=3.5.20059207&MevzuatIliski=0&sourceXmlSearch=i%C5%9Fyeri%20a%C3%A7ma This statement explains the need to complete all property acquisitions in order to be granted a license. Lastly the license is now submitted to DOE. Now, in the MR it is clearly stated that expropriation process relevant with the project site area is now completed.	
Documentation provided by project participant	
Business license titled "İşyeri açma ruhsatı"	
Suloglu WPP_MR_v3	
DOE assessment	Date: 19/09/2017
The villagers and head of Hacilar and Kalkansogut Villages were interviewed during the site visit. As per interview only one additional court procedure is still ongoing. The head of Hacilar Village has opened this court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind turbine, he has requested the PP expropriates those small pieces that can't be used for farming. The locals which were interviewed during the meeting on site visit, are confirmed that the expropriation payments are made by the PP higher than the specified price for the compensation of their loss. Hence, FAR 5 is closed.	

FAR ID	6	Section no.		Date:
Description of FAR				
The installed capacity of the project is 66 MW while the license is obtained for 60 MW. License shall be checked in first verification.				
Project participant response				Date:
Licence is now submitted to DOE and this will be checked during the site visit.				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
The installed capacity of the project is 66 MWm/60 MWe. in line with the license dated on 16/03/2011. Currently the project produces electricity according to the electrical power indicated in the generation license. It is confirmed that no license amendment has been done during this time. Hence, FAR 6 is closed.				

FAR ID	07	Section no.		Date:
Description of FAR				
The PP shall provide information on the expropriation result under the monitoring report and verifying DOE shall verify the information also through interviews with the locals.				
Project participant response				Date:
The land acquisition is under the monitoring parameters, in the MR. During the site visit, DOE will have interviews with the private land owners				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
This is elaborated on the parameter of "Livelihood of the Poor". Please see the CAR4 of this Appendix.				
Hence, FAR 7 is not closed.				
Project participant response				Date: 18/09/2017
Now, in the MR it is clearly stated that expropriation process relevant with the project site area is now completed.				
Documentation provided by project participant				
Suloglu WPP_MR_v3				

DOE assessment	Date: 19/09/2017
This is elaborated on the parameter of “Livelihood of the Poor” and the parameter is now clearly explained in the MR. Additionally as per indicated in the previous FARs, the villagers and heads of Hacilar and Kalkansogut Villages were interviewed on this issue during the site visit. They confirmed that the expropriation process has been finalised in line with the legal process. They are also verified that the expropriation payments are made by the PP higher than the specified price for the compensation of their loss. Hence, FAR 7 is closed.	

Table 2. CR from this verification

CR ID	1	Section no.	E.1.	Date: 05/07/2017
Description of CR				
The format of dates given in the monitoring report shall be presented as “/”. Please check through the whole report accordingly.				
Project participant response				Date: 21/07/2017
The MR is now revised accordingly.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 11/08/2017
Some parts of the MR still need to be corrected (such as section F.1.1.b, D.2, E.4 etc.). Hence, CR1 is not closed.				
Project participant response				Date: 18/09/2017
Now the format of dates is corrected in the report.				
Documentation provided by project participant				
Suloglu WPP_MR_v3				
DOE assessment				Date: 19/09/2017
The format of dates given in the monitoring report are now presented as “/”. Hence, CR1 is closed.				

CR ID	2	Section no.	E.3.	Date: 05/07/2017
Description of CR				
Under the section A.5. in the MR, the start date of crediting period of project activity is given as 20/08/2014. The date given is not in line with the project activity. Please correct.				
Project participant response				Date: 21/07/2017
The related part is now revised accordingly.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 11/08/2017
The crediting period is revised as 19/09/2015-18/09/2022 and it is now in line with the project activity. Hence, CR 2 is closed.				

CR ID	3	Section no.	E.5	Date: 05/07/2017
Description of CR				
Please correct/clarify the issues listed below: - Please indicate the title of the applied methodology under the section A.4. in the MR. - Please also provide tools and other methodologies to which the applied methodology refers by referring to the UNFCCC CDM website for the exact reference of the applied methodologies, tools etc.				
Project participant response				Date: 21/07/2017
The related part is now revised accordingly.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 11/08/2017
Tools are now provided under the section A.4. However, the title of the applied methodology and its exact reference is still not in line with the project activity. Please correct accordingly. Hence, CR 3 is not closed.				
Project participant response				Date: 18/09/2017
Under Section A.4, the link is now revised. The previous one was dead. And also the name of the methodology is revised as “Grid-connected electricity generation from renewable sources”.				

Documentation provided by project participant	
Suloglu WPP_MR_v3	
DOE assessment	Date: 19/09/2017
The title of the applied methodology and its exact reference is now in line with the project activity. Tools are now provided under the section A.4. Hence, CR 3 is closed.	

CR ID	4	Section no.	E.6.1	Date: 05/07/2017
Description of CR				
Please add the following ex-ante parameters in line with the registered PDD in the MR; $EF_{grid,CM,y}$, $EF_{grid,BM,y}$, $EF_{grid,OM,y}$ and Net electricity generation.				
Project participant response				Date: 21/07/2017
$EF_{grid,CM,y}$, $EF_{grid,BM,y}$, $EF_{grid,OM,y}$ are now included in the MR. However, the net electricity generation is already under D.2.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 11/08/2017
$EF_{grid,CM,y}$, $EF_{grid,BM,y}$, $EF_{grid,OM,y}$ are now in line with the registered PDD. However the net electricity generation which is described as “Net Electricity supplied to the grid by relevant sources (2011-2013)” in the registered PDD is different from the $EG_{facility,y}$ (Quantity of net electricity generation supplied by the project plant to the grid in year y) given in the section D.2. Also please revise the name of the parameter “EGy” according to the registered PDD. Hence, CR 4 is not closed.				
Project participant response				Date: 18/09/2017
The name of the parameter “EGy” is now revised according to the registered PDD. Also, under Section D.2, name of the parameter, unit of the parameter, description of the parameter and lastly the purpose of the data is revised according to the registered PDD. Also in order to make the units in line, values of monitored parameter are given as GWh.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 19/09/2017
$EF_{grid,CM,y}$, $EF_{grid,BM,y}$, $EF_{grid,OM,y}$ and Net electricity generation are now in line with the registered PDD. Hence, CR 4 is closed.				

CR ID	5	Section no.	E.6.2.	Date: 05/07/2017
Description of CR				
The QA/QC procedures of the $EG_{facility,y}$ parameter is not in line with the registered PDD.				
Project participant response				Date: 21/07/2017
The related part is now revised accordingly.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 11/08/2017
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: 05/07/2017
Description of CR				
The model and serial number of the electricity meters are not given correctly in the MR.				
Project participant response				Date: 21/07/2017
The model and the serial number of the meters are now corrected.				
Documentation provided by project participant				
Suloglu WPP_MR_v2				
DOE assessment				Date: 11/08/2017
The model and serial number of the electricity meters are now in line with the registered PDD. Hence, CR 6 is closed.				

CR ID	7	Section no.	E.7.	Date: 05/07/2017
Description of CR				

Please correct/clarify the issues listed below:	
- Please clarify whether re-calibration is required for this monitoring period or not. - Please provide the meters' calibration reports performed by the supplier	
Project participant response	Date: 21/07/2017
This will be completed at the site visit.	
Documentation provided by project participant	
DOE assessment	Date: 11/08/2017
During the site visit, the PP was interviewed about calibration procedure and the verification team asked the PP if they needed any calibration from commissioning date of the project activity. It is confirmed that there is no need to calibration and no differences occur between primary and secondary devices. However, please revise your response as per interview during the site visit.	
Hence, CR 7 is not closed.	
Project participant response	Date: 18/09/2017
During the site visit DOE interviewed PP and confirmed that there was no metering device change. Also, DOE confirmed during this interview that there is no need for calibration and no differences occur between primary and secondary devices. Also, now in MR the info of the metering devices are corrected.	
Documentation provided by project participant	
Suloglu WPP_MR_v2	
DOE assessment	Date: 19/09/2017
It is confirmed via interview with the PP that there is no need to calibration and no differences occur between primary and secondary devices during the monitoring period. The details regarding the calibration procedure are now given under the QA/QC procedure in the EG _{facility,y} parameter.	
Hence, CR 7 is closed.	

Table 3. CAR from this verification

CAR ID	1	Section no.	E.3.	Date: 05/07/2017
Description of CAR				
Please correct / clarify the issues listed below:				
- It is indicated in the MR that the generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Ediçim TM, 154 kV. However it is could not be confirmed Please provide the generation license. - GS Passport provided to the verification team is dated on 29/08/2016. However, the validation report indicates that the GS passport is dated on 29/06/2015. Please clarify the inconsistency. - The last paragraph which is given under the section C.1.2. in the MR is not consistent with the registered PDD. - The number of monitoring indicator is given as 7 indicators under the Section F in the MR. However it is not in line with the project activity. Please correct accordingly. - PIF is given as footnote for other pollutants, air quality and location of project activity. However the PIF is not provided to the verification team. - Figure 1 given in the MR is not in line with the registered PDD, page 41. Please clarify. - There is an explanation given related to SCADA system of Nordex under the section C.1.2 in the MR. However any information regarding to the explanation could not be found in the registered PDD. Please clarify. - There is an explanation given by referring to registered PDD related to obligation for the calibration of the appropriate meters under the section C.1.2 in the MR. However, any information regarding to the explanation could not be found in the registered PDD. Please clarify. - The milestone table under the section B.1. in the MR does not contain exact commissioning date, registration and validation completion dates. - The technical design of the selected model Vestas V126 3.3MW with 20 turbines of Vestas V126 3.3MW under the section A.2. in the MR. However, any objective evidence to confirm the technical specifications of turbines is not provided. - Project participant stated as "Steag Enerji A.S" under the section A.3. in the MR is not in line with the project activity. -				
Project participant response				Date: 21/07/2017

- The generation licence is now supplied. - The final GS review form states the date as “29/08/2016”. Maybe the validation report refers to earlier version. - The explanation under C.1.2 is now revised according to the statement in the PDD. - There were some mistyping with the headings. There are exactly the same number of indicators with the Passport. Headings are now corrected. - The PIF is now submitted to DOE. - It is now revised. - The explanation under C.1.2 is now revised according to the statement in the PDD. - The explanation under C.1.2 is now revised according to the statement in the PDD. - The commissioning dates and the registration date are now included under B.1. - It will be completed at the site visit. - It is now revised.	
Documentation provided by project participant	
- SRS SULOGLU RES Revize Lisans 66MWm - Süloğlu RES Proje Tanıtım Dosyası - Suloglu WPP_MR_v2	
DOE assessment	Date: 11/08/2017
- The generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Ediçim TM, 154 kV is now confirmed through the generation license. - GS Passport provided to the verification team dated on 29/08/2016 is the latest version of its and the explanation is found sufficient. - The section C.1.2. in the MR is now consistent with the registered PDD. - The number of monitoring indicator is still given as 7 indicators under the Section F in the MR. However, the total number of monitoring indicator is 8 as per stated in the registered GS Passport, please correct the MR accordingly. - PIF provided as a footnote in the MR is now provided to the verification team. - Figure 1 given in the MR is now in line with the registered PDD, page 41. - There is an explanation given related to SCADA system of Nordex under the section C.1.2 in the MR is now corrected according to the project activity. - The QA/QC procedures regarding the electricity generation is amended in line with the registered PDD. However, the mentioned section is stated as C.1.2 in the 1st round of the Appendix by the verification team. It is now corrected as C.1.3 and the explanation given by referring to registered PDD related to obligation for the calibration of the appropriate meters under the section C.1.3 in the MR should be revised accordingly. - The milestone table under the section B.1. in the MR now contains exact commissioning date, registration dates. However the given date 30/04/2017 is not the date of “end date of the first crediting period”. Please correct according to the end date of the monitoring period. - The technical specifications of the turbines is verified during the site visit. - Project participant stated as “Steag Ruzgar Suloglu Enerji Uretim ve Ticaret Anonim Sirketi (hereafter referred to as “Steag Enerji”). The section A.3. in the MR is now in line with the project activity. - The given date in the table 2 for “end date of the crediting period” is not in line with the project activity.	
Hence, CAR 1 is not closed.	
Project participant response	Date: 18/09/2017
-The number of monitoring parameter is now corrected as “8” under Section F. - Section C.1.3 is now revised and in line with the registered PDD. - The explanation of the date is now corrected as end of first monitoring period. -The explanation of the given date in the table 2 is now corrected as end of first monitoring period.	
Documentation provided by project participant	
Suloglu WPP_MR_v3 EMH-NANO-SAYAÇ-TİPLERİ-ÜRÜN-KATALOĞU	
DOE assessment	Date: 19/09/2017

- The number of monitoring indicator is now corrected and given as 8 indicators under the Section F in the MR.
- Obligation for the calibration of the appropriate meters under the section C.1.3 in the MR is now revised and in line with the registered PDD:
- The date given in the table 2 for “end date of the crediting period” is now corrected as “ end date of the monitoring period” in line with the project activity.

Hence, CAR 1 is closed.

CAR ID	2	Section no.	E.6.2	Date: 05/07/2017
Description of CAR				
Quantity of electricity supplied to the grid (MWh) is not in line with the EPIAS records for November 2016 and quantities of electricity consumptions from the grid are not in line with the EPIAS records for April and November 2016. Please revise the “Süloglu_ERCalculation.v1.xlsx” excel sheet accordingly. Therefore, all the values in the monitoring report (including % difference, related monitoring indicators, section E.5, E.6 etc.) and the calculation excel sheet should be revised.				
Project participant response				Date: 21/07/2017
The electricity consumed and supplied to the grid (values of monthly meter readings) for September 2016 is now corrected in the Excel. The values (monthly meter readings) for April and November are checked but no correction was needed. In addition to that the PMUM readings of April-September and November 2016 are checked, but no correction was needed. The number of digits shown in the Excel are now increased. Since no correction has been done in the Excel for the PMUM, which calculations are based on, the MR is not also revised.				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
During onsite visit the quantity of electricity supplied to the grid and consumptions from the grid for November 2016 is discussed and it is explained that an error occurred and generation values in the settlement period of November 2016 were incorrectly loaded in the EPIAS registry system by TEIAS. The relevant petition of TEIAS dated on 20/12/2016 is provided to the verification team. Hence, there is no need revision for November 2016 since the given values in the calculation excel sheet are corrected ones. However, the quantity of electricity consumption from the grid is still not in line with the EPIAS record for April, 2016. Please correct accordingly and ensure that all related sections through the whole report are corrected.				
Hence, CAR 2 is not closed.				
Project participant response				Date: 18/09/2017
1) For the first three months (Sep, Oct and November 2015), until the plant signs the Ministerial acceptance, the total amount of electricity is not sold through the Support Mechanism, feed-in tariff. As a result, billed electricity sale is less than what the plant generated. So, in order to make the monthly meter protocols with the PMUM, for the first three months corrections on the monthly meter readings were done. Both the real generation amount and what is sold can be seen from the monthly meter reading protocol. The important note given in the Excel is also corrected. The monthly meter reading were entered in the Excel incorrectly. They are now revised. 2) The quantities of electricity consumptions (April 2016) from the grid is now revised and the relevant parameters affected by this change such as emission reduction and the net electricity generation are revised in the PDD. 3) In October 2015 and November 2016, the PMUM values were corrected. As DOE knows, PP has no right to interfere in the numbers/values. For the relevant corrections PP prepares petition and the correction is done by TEIAS.				
The quantities of electricity consumptions from the grid is now revised and the relevant parameters affected by this change such as emission reduction and the net electricity generation are revised in the PDD.				
Documentation provided by project participant				
Suloglu WPP_MR_v3 STEAG RÜZGAR SÜLOĞLU ENERJİ-Kasım 2016 Süloglu DilekçeEkim 2015 Süloglu_ER Calculation.v3				
DOE assessment				Date: 19/09/2017
The quantity of electricity consumption from the grid is now corrected and in line with the EPIAS record for April, 2016. Through the whole report the relevant parameters affected by this change such as emission reduction and the net electricity generation are now revised properly.				
Hence, CAR 2 is closed.				

CAR ID	3	Section no.	E.6.2	Date: 05/07/2017
Description of CAR				
Quantities of electricity supplied to the grid given in the "Süloglu_ERCalculation.v1.xlsx" excel sheet are not in line with the monthly meter readings of September, October, November 2015 and September 2016. In addition, quantity of electricity consumption from the grid for September 2016 is also not in line with the monthly meter readings. Please clarify and correct the "Süloglu_ERCalculation.v1.xlsx" excel sheet accordingly.				
Project participant response				Date: 21/07/2017
For the first three months (Sep, Oct and November 2015) the PMUM values are less than the monthly meter readings. This is simply because until the plant signs the Ministerial acceptance, the total amount of electricity is not sold through the Support Mechanism, feed-in tariff. As a result, billed electricity sale is less than what the plant generated. This issue will be discussed more during the site visit.				
Regarding September 2016, the difference between electricity supplied to grid (PMUM and monthly meter reading) is %0.0418. The difference between electricity consumed from the grid (PMUM and monthly meter reading) is %14.3601. The PMUM value is the most conservative one. However, when the net electricity generation is calculated, the difference between the net electricity generated (PMUM and monthly meter readings) is %0.0046. This value is very negligible.				
Documentation provided by project participant				
DOE assessment				Date: 11/08/2017
These inconsistencies have been discussed during the site visit with the carbon consultant and the PP. Please clarify the issue by referring to the supporting evidences and also revise the amount of the generation for the first three months and also for September 2016 according to the monthly meter reading values.				
Hence, CAR 3 is not closed.				
Project participant response				Date: 18/09/2017
1) For the first three months (Sep, Oct and November 2015), until the plant signs the Ministerial acceptance, the total amount of electricity is not sold through the Support Mechanism, feed-in tariff. As a result, billed electricity sale is less than what the plant generated. So, in order to make the monthly meter protocols with the PMUM, for the first three months corrections on the monthly meter readings were done. Both the real generation amount and what is sold can be seen from the monthly meter reading protocol. The important note given in the Excel is also corrected. The monthly meter reading were entered in the Excel incorrectly. They are now revised. 2) The quantities of electricity consumptions (April 2016) from the grid is now revised and the relevant parameters affected by this change such as emission reduction and the net electricity generation are revised in the PDD. 3) In October 2015 and November 2016, the PMUM values were corrected. As DOE knows, PP has no right to interfere in the numbers/values. For the relevant corrections PP prepares petition and the correction is done by TEIAS.				
Documentation provided by project participant				
Suloglu WPP_MR_v3 STEAG RÜZGAR SÜLOĞLU ENERJİ-Kasım 2016 Süloglu DilekçeEkim 2015 Süloglu_ER Calculation.v3				
DOE assessment				Date: 19/09/2017
The amounts of the generation for the first three months and also for September 2016 are now corrected according to the monthly meter reading values				
Hence, CAR 3 is closed.				

CAR ID	4	Section no.	E.8.7.	Date: 05/07/2017
Description of CAR				

Air Quality:

Amount of CO and NMVOC emissions: The parameter is monitored annually by calculation with the Turkey's GHG Inventory and TEIAS Statistics. The value of the parameter is calculated as CO 0.160 tons/GWh and NMVOC 0.034 tons/GWh as confirmed through the calculation excel sheet /9/. However, these calculation should be revised according to the corrected electricity generation calculation.

Level of dust emissions during construction of the project activity: Dust emission due to construction activity will be monitored once in first verification by interview with the local people as per indicated in the registered GS Passport.

Water Quality and Quantity:

Amount of wastewater to be discharged to the environment The parameter is monitored annually by calculation amount of annual net electricity generation. The relevant calculation is provided to the verification team. However it should be revised according to the corrected electricity generation calculation.

Quality of Employment:

Health & Safety conditions of employers: The parameter is monitored annually (once at the end of the each monitoring period) through training certificates and/or attendance records. However, safety measures and equipment will be checked by the verification team, during the site visit. The trainings during this monitoring period were provided to the verification team. However, the total number of employees and their Health & Safety trainings' certificates will be discussed during the site visit since some of the employees certificates are not related to HSE training as well as there are some missing certificates are determined during desk review.

In addition, "Chosen parameter", Current situation of parameter "and "future target for parameter" definitions given for the indicator of quality of employment (F.1.3.a) are not in line with the registered GS Passport. Please correct.

Biodiversity:

Number of bird and bat strikes: The parameter is monitored once at the verification by observation of measures during site visit with DOE. The one day site observation could not be a proper way to monitor number of bird and bat strikes. If there is an ornithology report please provide to the DOE

Balance of payment and investments

Amount of payment for natural gas to be imported for electricity generation: This parameter is monitored annually by calculation of amount of annual net electricity generation. However, the calculation given in the "Süloglu_ER Calculation.v1.xlsx" excel sheet should be revised according to the corrected electricity generation calculation.

Other Pollutants:

Noise level during construction period and operation of the project activity: The parameter is monitored during the first monitoring period by interview with the locals during the site visit. Therefore the parameter will be interviewed with local.

Soil Condition:

Impact of project activity over roads: The parameter is monitored once for the first monitoring period by interview with the locals during the site visit. Therefore the parameter will be interviewed with local.

Livelihood of the Poor:

Livelihood of the Poor This parameter is monitored once at the first verification period by interview to check whether the process is carried out properly according to legal requirements and that land owners are compensated fairly. Therefore the parameter will be interviewed with locals.

Project participant response**Date:** 21/07/2017

Air Quality:

Amount of CO and NMVOC emissions: In the MR, under F.1.1.A the table from the Passport is presented, where the values are CO 0.160 tons/GWh and NMVOC 0.034 tons/GWh. And under F.1.1.B, the values are re-calculated for the net electricity generation for this monitoring period. We kindly request DOE to clarify which part is needed to be corrected.

Level of dust emissions during construction of the project activity: The interviews for this parameter will be done during the site visit and if any change is necessary, it will be completed after the site visit

Water Quality and Quantity:

Amount of wastewater to be discharged to the environment In the MR, under F.1.2.A the table from the Passport is presented, where it is stated that "26,300 m³ wastewater is discharged the environment due to each GWh electricity produced." And under F.1.2.B, the values are re-calculated for the net electricity generation for this monitoring period. We kindly request DOE to clarify which part is needed to be corrected.

Quality of Employment:

Health & Safety conditions of employers: The safety measures will be checked by the DOE during the site visit. And after the site visit, if it is necessary, the MR will be revised. If there are any missing SGK record, training certificates etc. it will be submitted to DOE during the site visit.

Table under F.1.3.A is now revised.

Biodiversity:

Number of bird and bat strikes: It will be discussed during the site visit.

Balance of payment and investments

Amount of payment for natural gas to be imported for electricity generation: In the MR, under F.1.5.A the table from the Passport is presented. F.1.5.B, the values are re-calculated for the net electricity generation for this monitoring period. We kindly request DOE to clarify which part is needed to be corrected.

Other Pollutants:

Noise level during construction period and operation of the project activity: The interviews for this parameter will be done during the site visit and if any change is necessary, it will be completed after the site visit

Soil Condition:

Impact of project activity over roads: The interviews for this parameter will be done during the site visit and if any change is necessary, it will be completed after the site visit

Livelihood of the Poor:

Livelihood of the Poor: The interviews for this parameter will be done during the site visit and if any change is necessary, it will be completed after the site visit

Documentation provided by project participant

Suloglu WPP_MR_v2

DOE assessment

Date: 11/08/2017

Air Quality:

Amount of CO and NMVOC emissions: During the site visit the amount of electricity is discussed and the values taken from EPIAS are rechecked with the PP and the inconsistencies are removed and confirmed. A minor correction is still necessary in the calculation of generation as per stated in the CAR 2 but it is not affect the calculation of Air quality.

Level of dust emissions during construction of the project activity: During the site visit, the parameter is confirmed by positive feedbacks received from the locals regarding the mitigation measures taken by the PP.

Water Quality and Quantity:

Amount of wastewater to be discharged to the environment: During the site visit it is confirmed that 7 employees are working for this project activity. However, the calculation is made for number of 10 employees. The calculation should be revised according to the corrected number of employees. Please ensure that whether the correct unit is considered for calculation.

Quality of Employment:

Health & Safety conditions of employers: Health & Safety trainings' certificates of all employees are provided to the verification team and additional certificates (fire awareness, first aid, working at height) are also provided to the verification team.

"Chosen parameter", Current situation of parameter "and "future target for parameter" definitions given for the indicator of quality of employment (F.1.3.a) are now in line with the registered GS Passport.

Biodiversity:

Number of bird and bat strikes: The project area was assessed as an ornithologically dated September 2011, according to the assessments performed by the expert the project area where is not being an important area for birds and is not being on bird migration routes. As per stated in the registered GS Passport, site visit observation is done by the verification team and additionally the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Village and no negative comment has been received. The parameter is verified through interviews.

Balance of payment and investments

Amount of payment for natural gas to be imported for electricity generation: The calculation given in the "Süloglu_ER Calculation.v1.xlsx" excel sheet should be revised according to the corrected electricity "amount of Natural Gas Combusted for Electricity Generation in 2012 (m³)". The value considered (23,090,121,000 m³) in the calculation is not in line with the registered GS Passport. Please check all the values and their years properly.

Other Pollutants:

Noise level during construction period and operation of the project activity: As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Villages and DOE also asked stakeholders if they had any complaints on noise and no complaints have been received. They just said that rarely noise occurs due to weather conditions but it doesn't affect our daily life. The parameter is verified through interviews.

Soil Condition:

Impact of project activity over roads: As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Village. They all confirmed that village roads used during the construction phase of the project activity are left in good condition as like before the construction after finishing the project construction. In addition, a bridge has been made in the center of Lalapasa by the PP as per request by locals. The parameter is verified through interviews.

Livelihood of the Poor:

Livelihood of the Poor As per stated in the registered GS Passport, the parameter is interviewed with the villagers and head of Hacilar and Kalkansogut Villages. They confirmed that the expropriation process is carried out properly in line with the legal requirements and the villagers are informed regarding their legal rights during this time by the PP. All issues related to expropriation such as payments, due process and lawsuits are finalised. On the other hand, the head of Hacilar Village has opened a court of appeal for remaining inactive plantations outside the expropriation land for the 7 numbered wind turbine, he has requested the PP expropriates those small pieces that can't be used for farming. Due to expropriation is a legal process, without any court decision PP cannot act on this issue. As per confirmed the head of village, he has not any court decision received yet. On the other hand, he confirmed that the expropriation payments are made higher than the specified price by the PP. The PP will provide supporting document regarding the expropriation finalised. Please also clarify the situation in the MR accordingly.

Hence, CAR 4 is not closed.

Project participant response

Date: 18/09/2017

<u>Amount of wastewater to be discharged to the environment:</u> The assumption of 10 employees is now corrected as 7 employees. As a result, the amount of avoided wastewater is now changed and the MR is revised accordingly.	
<u>Amount of payment for natural gas to be imported for electricity generation:</u> During the registration in Passport, the data is taken from 2013 data. However, in the Emission Reduction Excel the data is taken from 2012 and all of the calculation is conducted according to 2012 data. So, the passport stating 2013 data is a mistake. As a result, in "Süloglu_ER Calculation.v3" Excel 2012 data is taken and the result is stated in MR.	
<u>Livelihood of the Poor:</u> As DOE clearly explained expropriation process is completed. The relevant lawsuit that DOE mention is between government and Muhtar. Now, in the MR it is clearly stated that expropriation process relevant with the project site area is now completed.	
Documentation provided by project participant	
Süloglu_ER Calculation.v3 Suloglu WPP_MR_v3	
DOE assessment	Date: 19/09/2017
Water Quality and Quantity:	
<u>Amount of wastewater to be discharged to the environment:</u> The calculation is now revised according to the corrected number of employees.	
Balance of payment and investments	
<u>Amount of payment for natural gas to be imported for electricity generation:</u> The given explanation is found sufficient and to be consistent the other values used for calculation, the amount of Natural Gas Combusted for Electricity Generation taken into consideration belongs to 2012.	
Livelihood of the Poor:	
<u>Livelihood of the Poor:</u> As per indicated the expropriation process has been finalised in line with the legal process and during the meeting with stakeholders it is confirmed by interviews, the PP is willing to pay for those non-expropriated small areas. He will be acting according to the court decision on this issue. However, there is no court's final order yet. The PP will provide supporting document regarding the additional expropriation requested by the mukhtar of Hacilar Village. The verification DOE shall check on next verification process how the PP acted about this issue when the conclusion of the lawsuit. Please refer to FAR 4.	
Hence, CAR 4 is closed.	

Table 4. FAR from this verification

FAR ID	1	Section No.		Date: 19/09/2017
Description of FAR				
The PP should be provided supporting document after court's final order received regarding the additional expropriation requested by the mukhtar of Hacilar Village. There is no court's final order yet. The verification DOE shall check on next verification process how the PP acted about this when the conclusion of the lawsuit.				
Project participant response				Date:
Documentation provided by project participant				
DOE assessment				Date:

Document information

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